FSA Modernization Partner

NSLDS II Reengineering Screens Detail Design: Exception Reports

Version 1.1

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Document Control

Version Number	Description	Release Date	Author
1.0	Initial Issue	11/08/2002	Allison P. Webster
1.1	Incorporated changes from client reviews.	11/26/2002	Allison P. Webster

1 General Information

1.1 Background

The National Student Loan Data System (NSLDS) was established as part of the Higher Education Act of 1965, as amended, to provide a comprehensive repository of information about Title IV recipients and their loans, grants, lenders, guaranty agencies, servicers, and schools.

Given these challenges, a project to modernize the system – NSLDS Reengineering – has been undertaken to improve financial and data integrity, reduce operational costs, and improve customer satisfaction. At the heart of the design for a reengineered NSLDS solution are five "big ideas" for radically changing the underlying processes, data structures, and technical platforms supporting the existing system:

- Data Warehousing
- Internal FSA (Federal Student Aid) Direct Access
- Outsourced Enrollment Tracking
- Financial Partner Data Feed Reengineering
- Common Record Extension

The first phase of the NSLDS Reengineering effort is called NSLDS II. NSLDS II Release 1 will focus on the Data Warehousing and Internal FSA Direct Access opportunities, as well as assessing ways to support existing requirements through NSLDS II or other modernized systems. Later releases of work will focus on the remaining three ideas and enhancements.

1.2 NSLDS Points of Entry Overview

There are three main applications in the legacy NSLDS technical architecture that serve as the gateway for accessing and modifying Title IV data online. The applications include the Financial Aid Professional (FAP) website, Student Access Financial Aid Review website, and the Customer Information Control System (CICS). As part of the NSLDS II replatforming initiative, CICS will be retired and its functionality will be transferred to the FAP website. The User Interface Inventory Matrix **(Reference Appendix B)** documents a comprehensive list of screens for the FAP and Student Access websites and the NSLDS functional area(s) they support.

The FAP website, which can be found at http://www.nsldsfap.ed.gov, will be the main user access point for NSLDS II data by Department of Education (ED) personnel, guaranty agencies (GAs), lenders, and schools. It provides support for users by tracking the financial aid and enrollment history for Title IV aid recipients, organizational information for Title IV aid financial partners, access to predefined reports with the ability of executing ad hoc queries, and the monitoring of student transfers. A lender or school may also allow a servicer to access the website and provide online updates on their behalf. Each user must be registered with the website and can only log on with a valid User ID and Password.

The two major areas of enhancement for the FAP website will consist of the following:

1. Reengineering the existing reporting architecture
2. Retiring CICS

Reengineering the Reporting Architecture

Reports are currently accessed through the Main Menu, which allows users to execute predefined reports and receive the results either in their SAIG mailbox or download them directly (depending on the users permission level). If a user requires data that is not supported by a predefined report, they are limited to either developing their own query or contacting the support center to develop a query for them. In order to create a query, a user must be familiar with Structured Query Language (SQL), which is the code used to develop a query, the NSLDS data model, whose data elements are used within the SQL, and the Query Management Facility (QMF) tool, which is the application used to execute the query. In order to empower users and improve the customer experience for executing ad hoc queries, a MicroStrategy reporting tool will be implemented. The MicroStategy reporting tool is a commercial off-the-shelf (COTS) package that has the capability to filter and analyze massive volumes of data to the transaction level. In addition, the MicroStrategy application server has a full range of query optimization algorithms designed to ensure that data is extracted from a database in the most efficient and least demanding way.

The new ad hoc reporting functionality will continue to be accessible through the Main Menu and Report screens in the FAP website. The detailed design regarding the report screen changes can be found in the Report Detail Design document.

Retiring CICS

CICS is IBM software that allows ED personnel to connect to the NSLDS mainframe and perform online transactions. Users have the ability to update or access data online from ED Headquarters or Regional offices. The majority of the CICS functionality has already been transitioned to the FAP website in response to user demand for a more user-friendly and flexible tool. The remaining functionality, which includes screens from the System Administration, Default Rate, and Student Status Confirmation menus will be transferred to the FAP website as part of the NSLDS II reengineering initiative. This will complete the transition to the FAP website by the legacy contractor, therefore, clearing the path for retiring CICS. Once CICS has been retired, the FAP website will serve as the default application for ED personnel to access NSLDS II data.

The Student Access website, which can be accessed at http://www.nslds.ed.gov, allows students to securely view and track their financial aid history. They have the ability to view their Title IV loans at a summary or at a detailed loan level. The summary loan level data allows a student to view all Title IV loans they are responsible for in a consolidated format. The detailed loan level data tracks the history of each loan throughout its lifecycle. Each student must be registered with the website and must have a valid User ID and Password to logon. This is a read only website and does not have any update capabilities associated with it.

The following diagram displays the CICS application being retired due to functionality being transferred to the FAP website during the NSLDS replatforming initiative.

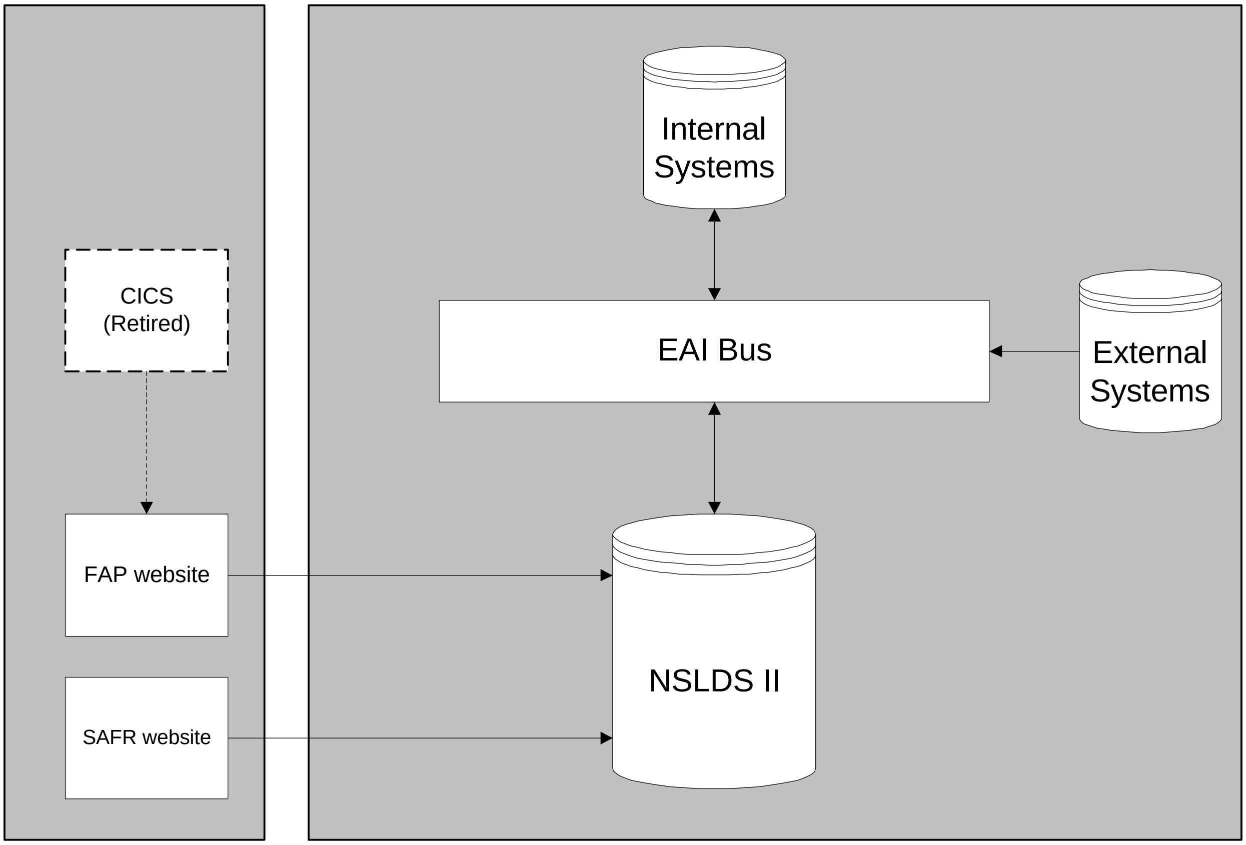

Figure 1A, NSLDS II User Interface Diagram

1.3 Screens Detail Design Document Layout

The screens detail design document provides a blueprint for developing each screen that will support the FAP and Student Access websites. The screens detail design document is separated into the following modules:

Financial Aid Professional website

- Login-Menu – Contains the detail design for the Logion-Menu screens.
- Financial Aid– Contains the detail design for the Financial Aid screens.
- Enrollment – Contains the detail design for the Enrollment screens.
- Organization – Contains the detail design for the Organization screens.
- Reports – Contains the detail design for the Reports screens.
- Transfer Student Monitoring – Contains the detail design for the Transfer Student Monitoring screens.

- Support – Contains the detail design for the Support screens.
- Appendix A – Global Attributes for FAP Website– Lists common icons that may be displayed in the Login-Menu, Financial Aid, Enrollment, Organization, Transfer Student Monitoring, and Support modules.

Student Access Financial Aid Review website

- Student Access– Contains the detail design for the Student Access screens

This detail design document will contain the following information for each screen:

1.4 Name of the Screen

Description	Defines the purpose of the screen.
New or Existing	New – Identifies the screen is new to the website. Existing- Identifies the screen previously existed on the website.
User Group (Screen Level)	Identifies which function group currently has access to the screen.
Requirements Traceability	Maps the detail design for the screen to the detailed requirements.
Reference(s)	Lists reference documentation that provides additional detail for each screen.
Temporary Table Fields	Lists the fields that will be created in the report parameter temporary table after Execute Report pushbutton is clicked.

1.4.1 Software Unit Logic

NSLDS I File Name:	Lists the file name for each screen that was used for NSLDS I (if the screen previously existed).
NSLDS II File Name:	Lists the file name for each screen that will be used for NSLDS II.
Pre-Status:	Lists the screen names and their links that will allow a user to access a specific screen.
Post-Status:	Lists the screen names that are accessible from a specific screen (and the links that will allow a user to navigate to that screen).
Gif Name:	List of Gif files used in the screen.
Tab Order:	Lists in numeric order the tab order for each screen.

1.4.2 Design Details

The following screenshot highlights the functionality of the screen:

Provides a design layout of the screen.

Note:

The screenshots depicted in this document were taken from the legacy NSLDS website. The existing text, links, and data elements will be included in the NSLDS II website as described in this document. However, the actual look of the screens may be modified for the NSLDS II Release. Also, certain text, links, and data elements may be excluded from view based on the user's security access.

1.4.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

Name of the Data Element on the screen	
Element	Type of data element (e.g., label, pushbutton, checkbox, textbox).
Definition/Business Rules	Description of the data element and any business rules associated with it.
Actions to be performed	Describes any action associated with the data element.
Temporary Table Field	Lists the field that will be created in the report parameter temporary table after Execute Report pushbutton is clicked. This field corresponds with the specific data element.
Validation	• *Condition*: Describes the validation that will be performed. *Message*: Describes the message that will appear to the user. *Location*: Describes where the validation will occur (i.e., Client or Server) *Additional Information*: Describes any additional information related to the validation (e.g., gif files appearing with error messages).

Note:

Section 508 of the Rehabilitation Act of 1998 mandates a website accessibility review. Section 508 requires that electronic and information technology developed, procured, maintained, or used by Federal government agencies must be accessible to persons with disabilities. The system must allow a person with a disability to have comparable access to and use of information as a person without a disability.

The Assistive Technology Group within the FSA Technology Center is responsible for performing Section 508 reviews. During the Build phase, the NSLDS II Modernization Partner team will work with the Assistive Technology Group to verify that the design of the online screens meets Section 508 requirements. The FAP and Student Access websites are currently not Section 508 compliant. The formal accessibility review for NSLDS II will be conducted during the Test phase.

2 Screen Workflow

2.1 Overview

This detailed design for exception reports depicts the customized screens that will be built within the MicroStrategy reporting tool. These screens will be built using ASP pages, since ASP is the development code of this tool. With the exception of the Organization Search page, each page will build from the global navigation bar available in MicroStrategy. The ASP code used to create this navigation bar will simply be copied into each new customized ASP page. Figure 1B below depicts, in general, the way in which each page will appear.

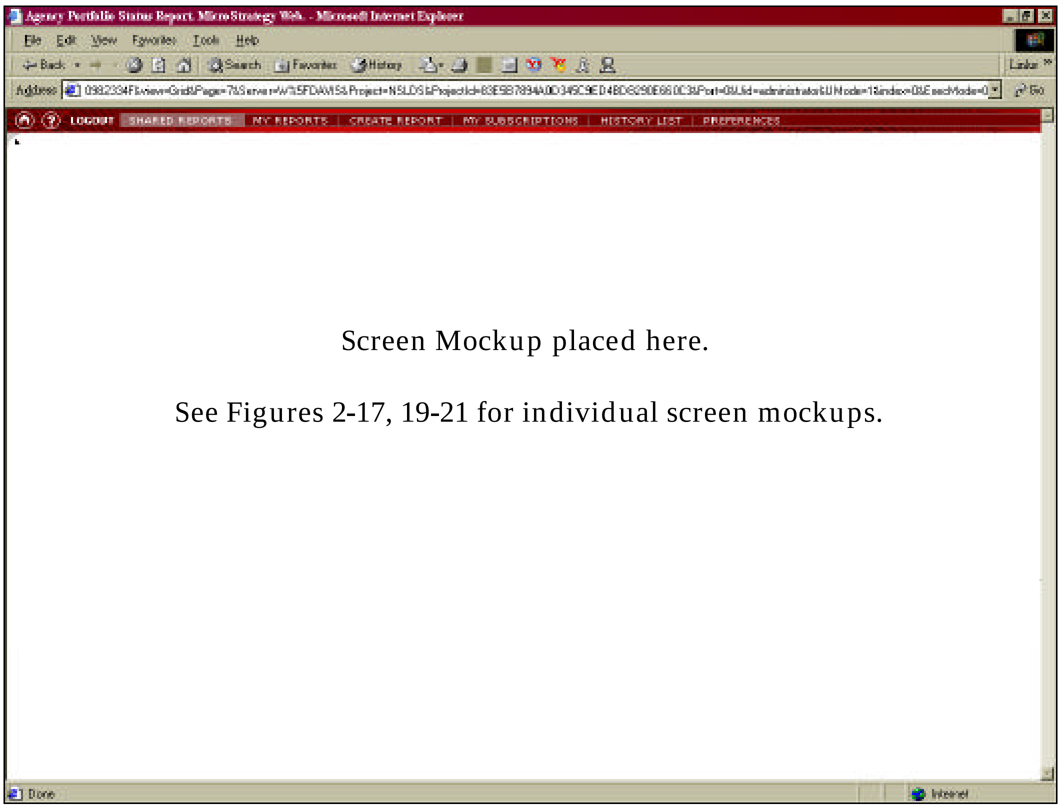

Figure 1B, Global Navigation Elements

It is important to note that the MicroStrategy reporting tool will be accessible through the NSLDS II Financial Aid Professional (FAP) website. The user will access the MicroStrategy reporting tool by clicking on the Reports tab in the NSLDS II FAP website. No separate login will be required. However, it will operate as an independent application in its own browser window.

2.2 Master List of Screens

The following table provides a list of screens for the Exception Report module of the MicroStrategy website for NSLDS II. The table includes the section the screen is explained, screen name, whether the screen is new or existing and a description of the screen.

Section	Screen Name	New/ Existing	Description
3.1	School Repayment Loan Detail Report Parameter (ED)	Existing	Allows a user to enter parameters for School Repayment Loan Detail Report that will be generated using a stored procedure.
3.2	School Repayment Loan Detail Report Parameter (Schools)	Existing	Allows a user to enter parameters for School Repayment Loan Detail Report that will be generated using a stored procedure.
3.3	Cohort Default Rate History Report Parameter	Existing	Allows a user to enter parameters for Cohort Default Rate History Report that will be generated using a stored procedure.
3.4	DMD Cohort Default Rate History Report Parameter	Existing	Allows a user to enter parameters for DMD Cohort Default Rate History Report that will be generated using a stored procedure.
3.5	FPPS Cohort Default Rate History Report Parameter	Existing	Allows a user to enter parameters for FPPS Cohort Default Rate History Report that will be generated using a stored procedure.
3.6	School Cohort Default Rate History Report Parameter	Existing	Allows a user to enter parameters for School Cohort Default Rate History Report that will be generated using a stored procedure.
3.7	GA Cohort Default Rate History Report Parameter	Existing	Allows a user to enter parameters for GA Cohort Default Rate History Report that will be generated using a stored procedure.
3.8	Lender Cohort Default Rate History Report Parameter	Existing	Allows a user to enter parameters for Lender Cohort Default Rate History Report that will be generated using a stored procedure.
3.9	Financial Aid History Report Parameter	Existing	Allows a user to enter parameters for Financial Aid History Report that will be generated using a stored procedure.
3.10	Reasonability Quarterly Form 2000 Report	Existing	Allows a user to enter parameters for Reasonability Quarterly Form 2000

Section	Screen Name	New/ Existing	Description
	Parameter		Report that will be generated using a stored procedure.
3.11	Accounts Maintenance Fee Extract Report Parameter	Existing	Allows a user to enter parameters for Accounts Maintenance Fee Extract Report that will be generated using a stored procedure.
3.12	Loan Processing and Issuance Fee Report Parameter	Existing	Allows a user to enter parameters for Loan Processing and Issuance Fee Report that will be generated using a stored procedure.
3.13	Reasonability Quarterly Backup F2000 Report Parameter	Existing	Allows a user to enter parameters for Reasonability Quarterly Backup F2000 that will be generated using a stored procedure.
3.14	Reasonability Yearly Form 2000 Report Parameter	Existing	Allows a user to enter parameters for Reasonability Yearly Form 2000 Report that will be generated using a stored procedure.
3.15	Reasonability Annual Backup F2000 Parameter	Existing	Allows a user to enter parameters for Reasonability Annual Backup F2000that will be generated using a stored procedure.
3.16	Federal Receivables Extract Report Parameter	Existing	Allows a user to enter parameters for Federal Receivables Extract Report that will be generated using a stored procedure.
3.17	Organization Search	Existing	Allows a user to search for an organization code using organization name, ID, city, and state.
3.18	Successful Parameter Submission	New	Notifies a user that the parameters they entered in the appropriate parameter screen have been successfully submitted to the database.
3.19	Report History List	Existing	Allows a user to access report result sets that have been generated by either MicroStrategy or by a stored procedure.

3 Screen Details

3.1 School Repayment Loan Detail Report Parameter (ED)

Description	Allows a user to enter parameters for School Repayment Loan Detail Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	ED
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-010
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, School ID, Loan Selection, Sort By, Output Type

3.1.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	SchRpmtDtlEDRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. School ID 5. Loan Selection 6. Numerator Date Range 7. Denominator Date Range 8. Sort By

	9. Output Type 10. Execute Report 11. Cancel

3.1.2 Design Details

The following screenshot highlights the functionality of the School Repayment Loan Detail Report Parameter (ED) screen. The design of this screen may be subject to change among additional design considerations.

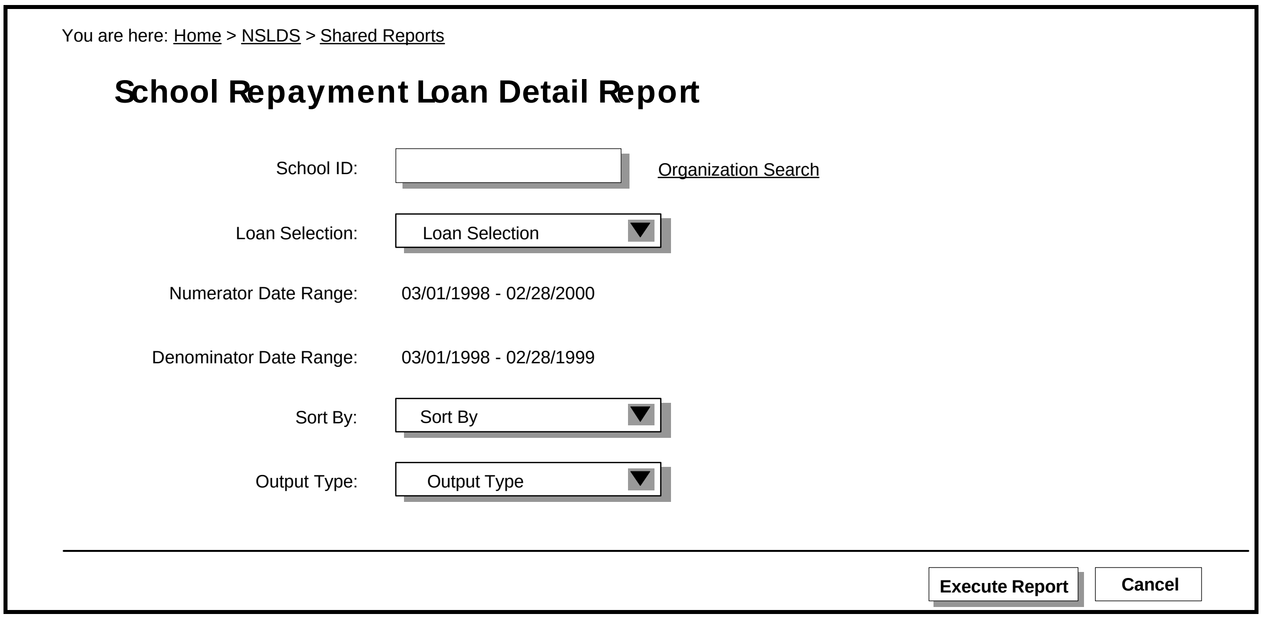

Figure 2, School Repayment Loan Detail Report Parameter (ED)

3.1.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

School ID	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for a school. *Min Characters* – 6 *Max Characters* – 6 The entered School ID must be valid.
Actions to be performed	As the user enters the school code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	School ID.
Validation	None.

Loan Selection	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the type of loans that should be included in the report result set. The user will have the following options available: All, Numerator Only, Denominator Only. Selecting ‘Numerator Only’ will display

Loan Selection	
	loans with usage codes of B, FB, and DB. Selecting 'Denominator Only' will display loans with usage codes of D, FD, and DD. Selecting 'All' will display loans with usage codes of D, B, N, E, FD, FB, DD, DB, N, and E. This is a required field.
Actions to be performed	As the user selects All, Numerator Only, or Denominator Only, it appears in the Loan Selection dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Loan Selection.
Validation	None.

Numerator Date Range	
Element	Label
Definition/Business Rules	Informs user of the numerator date range for which the report result set will be generated. This date range will be dynamically created. The date range will begin two years from the most recent past full month. For example, if the user requested the report on April 15, 2002, then the dynamically created date range would be from 03/01/1998-02/28/2000.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

Denominator Date Range	
Element	Label
Definition/Business Rules	Informs user of the denominator date range for which the report result set will be generated. This date range will be dynamically created. The date range will begin two years from the most recent past full month. For example, if the user requested the report on April 15, 2002, then the dynamically created date range would be from 03/01/1998-02/28/1999.
Actions to be performed	None.
Temporary Table Field	None.

Denominator Date Range	
Validation	None.

Sort By	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code / SSN, Loan Status / SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code / SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status / SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	All, Numerator Only, Denominator Only. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.
Validation	None.

Output Type	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the School Repayment Loan Detail Report (ED). The minimum information required includes: • Loan Selection • Sort By • Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The user has entered an unrecognized School ID in the School ID field. *Message:* Please enter valid School ID. *Location:* Server *Additional Information:* The label font color for the School ID field becomes red. • *Condition:* The entered School ID is not six characters. *Message:* Please enter valid School ID. *Location:* Client *Additional Information:* The label font color for the School ID field becomes red. • *Condition*: The Loan Selection field is blank. *Message:* Please choose loan selection option. *Location:* Client *Additional Information:* The label font color for the Loan Selection field becomes red. • *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank.

Execute Report	
	Message: Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.2 School Repayment Loan Detail Report Parameter (Schools)

Description	Allows a user to enter parameters for School Repayment Loan Detail Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	Schools
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-015
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, School ID, Loan Selection, Sort By, Output Type

3.2.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	SchRpmtDtlSchRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)

Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Loan Selection 5. Numerator Date Range 6. Denominator Date Range 7. Sort By 8. Output Type 9. Execute Reports 10. Cancel

3.2.2 Design Details

The following screenshot highlights the functionality of the School Repayment Loan Detail Report Parameter (Schools) screen. The design of this screen may be subject to change among additional design considerations.

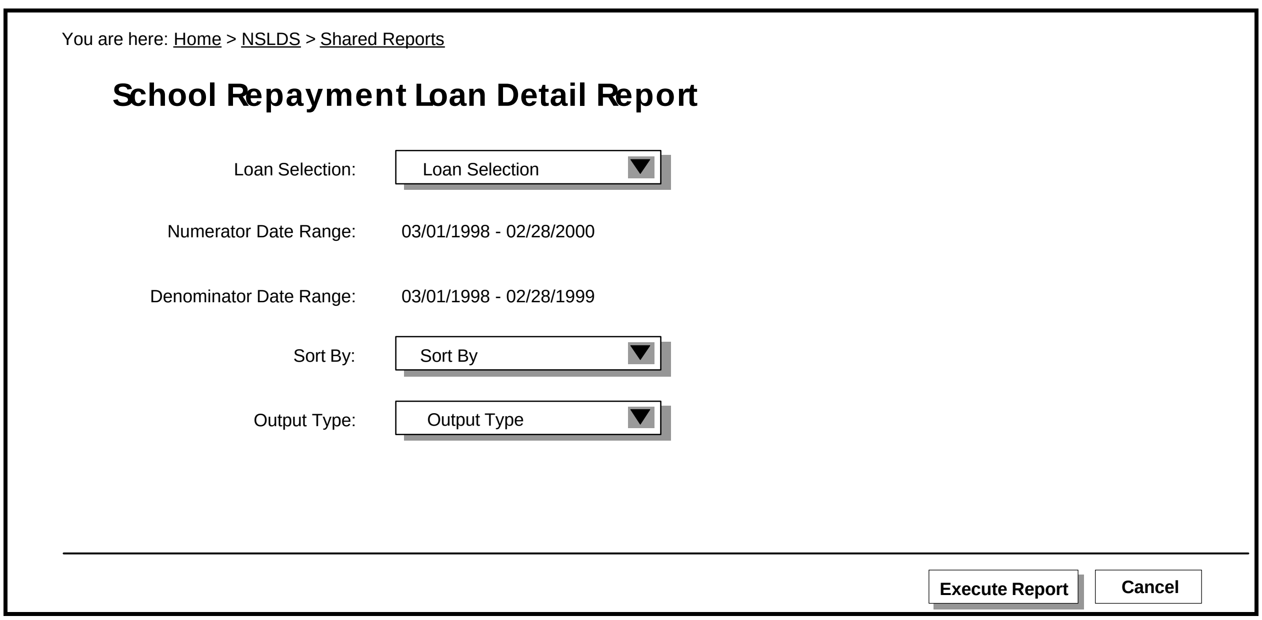

Figure 3, School Repayment Loan Detail Report Parameter (School)

3.2.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Loan Selection	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the type of loans that should be included in the report result set. The user will have the following options available: All, Numerator Only, Denominator Only. Selecting ‘Numerator Only’ will display loans with usage codes of B, FB, and DB. Selecting ‘Denominator Only’ will display loans with usage codes of D, FD, and DD. Selecting ‘All’ will display loans with usage codes of D, B,

Loan Selection	
	N, E, FD, FB, DD, DB, N, and E. This is a required field.
Actions to be performed	As the user selects All, Numerator Only, or Denominator Only, it appears in the Loan Selection dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Loan Selection
Validation	None.

Numerator Date Range	
Element	Label
Definition/Business Rules	Informs user of the numerator date range for which the report result set will be generated. This date range will be dynamically created. The date range will begin two years from the most recent past full month. For example, if the user requested the report on April 15, 2002, then the dynamically created date range would be from 03/01/1998-02/28/2000.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

Denominator Date Range	
Element	Label
Definition/Business Rules	Informs user of the denominator date range for which the report result set will be generated. This date range will be dynamically created. The date range will begin two years from the most recent past full month. For example, if the user requested the report on April 15, 2002, then the dynamically created date range would be from 03/01/1998-02/28/1999.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

Sort By	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code / SSN, Loan Status / SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code / SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status / SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	When the user selects SSN, Claim Code / SSN, or Loan Status / SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.
Validation	None.

Output Type	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	When the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the School Repayment Loan Detail Report (Schools). The minimum information required includes: • Loan Selection • Sort By • Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition*: The Loan Selection field is blank. *Message*: Please choose loan selection option. *Location*: Client *Additional Information*: The label font color for the Loan Selection field becomes red. • *Condition*: The Sort By field is blank. *Message*: Please choose sort by option. *Location*: Client *Additional Information*: The label font color for the Sort By field becomes red. • *Condition*: The Output Type field is blank. *Message*: Please choose output type option. *Location*: Client *Additional Information*: The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.3 Cohort Default Rate History Report Parameter

Description	Allows a user to enter parameters for Cohort Default Rate History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	ED
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-035
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Organization Code, Fiscal Year, Current/Originating Lender, Sort By, Output Type

3.3.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	CDRHistDtlRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Organization Type 5. Organization Code 6. Organization Search 7. Fiscal Year 8. Originating/Current Lender 9. Sort By 10. Output Type

	11. Execute Report 12. Cancel

3.3.2 Design Details

The following screenshot highlights the functionality of the Cohort Default Rate History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

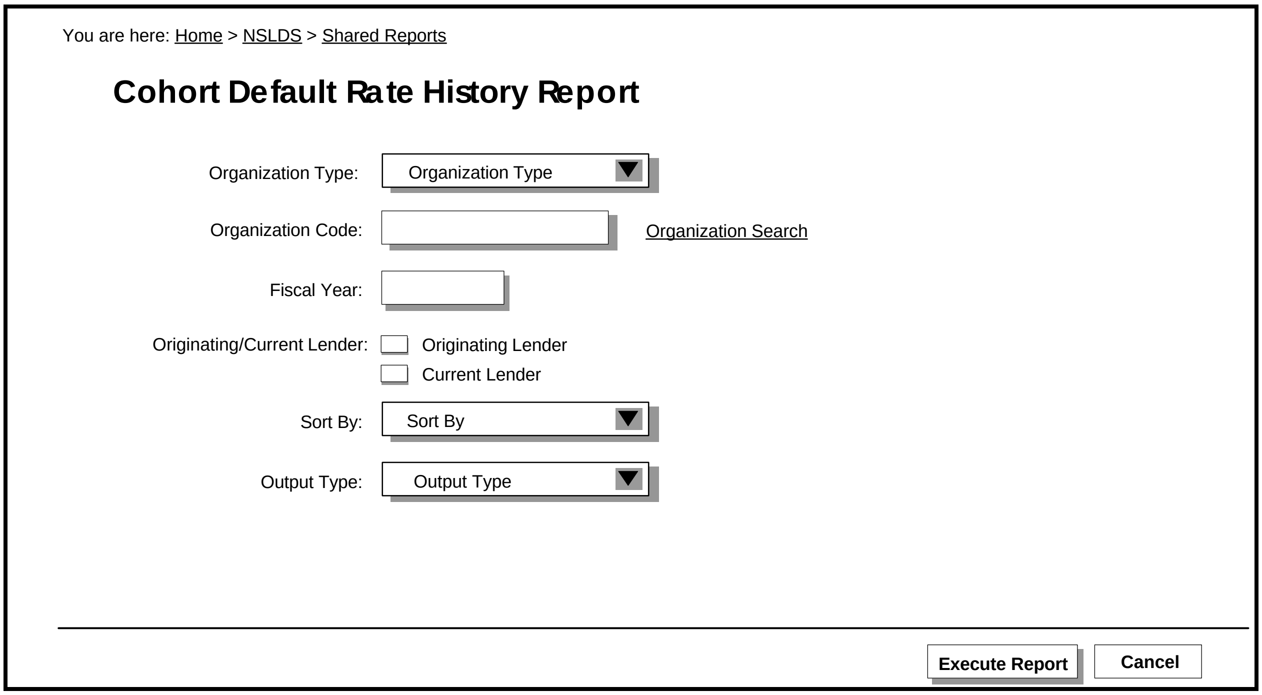

Figure 4, Cohort Default Rate History Report Parameter

3.3.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Organization Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the organization type. The user will have the following options available: Lender, Guaranty Agency, School. This is a required field.
Actions to be performed	As the user selects Lender, Guaranty Agency, or School, it appears in the Organization Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization Code	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for an organization. *Min Characters* – 3 *Max Characters* – 6 The entered organization code must be valid.

Organization Code	
Actions to be performed	As the user enters the organization code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Organization Code.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate organization and corresponding organization ID. The user should be able to locate the appropriate organization ID using any of the following information: organization name, organization ID, organization city, or organization state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year cannot be less than 1980.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Originating/Current Lender	
Element	Checkbox
Definition/Business Rules	Allows a user to indicate whether they want cohort information on the originating or current lender.

Originating/Current Lender	
	This field is required if the selected Organization Type is lender.
Actions to be performed	As the user selects the Originating or Current Lender option, a checkmark appears in the selected checkbox. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Originating / Current Lender.
Validation	None.

Sort By	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code / SSN, Loan Status / SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code / SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status / SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	As the user selects SSN, Claim Code / SSN, or Loan Status / SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.
Validation	None.

Output Type	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract.

Output Type	
	This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Cohort Default Rate History Report. The minimum information required includes: • Organization Type • Organization Code • Fiscal Year • Sort By • Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition*: The Organization Type field is blank. *Message:* Please choose organization type option. *Location:* Client *Additional Information:* The label font color for the Organization Type field becomes red. • *Condition:* The Organization Code field is blank. *Message:* Please enter valid organization code. *Location:* Client

Execute Report	
	Additional Information: The label font color for the Organization Code field becomes red. • *Condition:* The selected Organization Type is Guaranty Agency and the Organization Code is not three characters. *Message:* Please enter valid organization code. *Location:* Client *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The user has selected an Organization Type of Guaranty Agency and entered an unrecognized GA Code in the Organization Code field. *Message:* Please enter valid organization code. *Location:* Server *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The selected Organization Type is School and the Organization Code is not six characters. *Message:* Please enter valid organization code. *Location:* Client *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The user has selected an Organization Type of School and entered an unrecognized School ID in the Organization Code field. *Message:* Please enter valid organization code. *Location:* Server *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The selected Organization Type is Lender and the Organization Code is not six characters. *Message:* Please enter valid organization

Execute Report	
	code. *Location:* Client *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The user has selected an Organization Type of Lender and entered an unrecognized Lender Code in the Organization Code field. *Message:* Please enter valid organization code. *Location:* Server *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The Fiscal Year field is blank. *Message:* Please enter fiscal year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Fiscal Year field is not four characters. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Fiscal Year field is less than or equal to 1980. *Message:* Please enter fiscal year greater than 1980 (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The selected Organization Type is Lender and the Originating / Current Lender checkbox is blank. *Message:* Please select originating or current lender option. *Location:* Client *Additional Information:* The label font color for the Originating / Current Lender field

Execute Report	
	becomes red. • *Condition:* The selected Organization Type is Guaranty Agency or School and the Originating / Current Lender checkbox is checked. *Message:* Please uncheck the Originating or Current Lender checkbox. This field is not relevant with the selected Organization Type. *Location:* Client *Additional Information:* The label font color for the Originating / Current Lender field becomes red. • *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank. *Message:* Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition / Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.4 DMD Cohort Default Rate History Report Parameter

Description	Allows a user to enter parameters for DMD Cohort Default Rate History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	DMD (ED)
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-030

Temporary Table Fields	User ID, Report ID, Report Request Timestamp, School ID, Fiscal Year, Draft/Official Indicator, Sort By, Output Type

3.4.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	CDRHistDtlDMDRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. School ID 5. Organization Search 6. Fiscal Year 7. Draft/Official Indicator 8. Sort By 9. Output Type 10. Execute Report 11. Cancel

3.4.2 Design Details

The following screenshot highlights the functionality of the DMD Cohort Default Rate History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

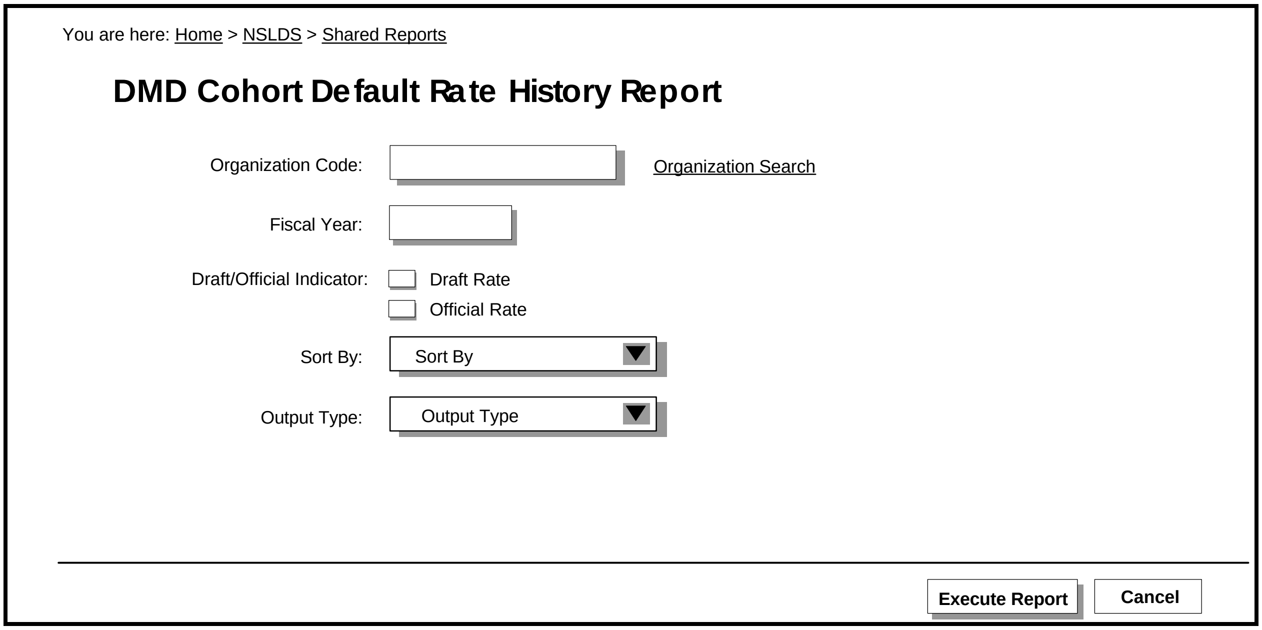

Figure 5, DMD Cohort Default Rate History Report Parameter

3.4.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy

MicroStrategy Shared Reports	
	Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

School ID	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for a school. *Min Characters* – 6 *Max Characters* – 6 The entered School ID must be valid.
Actions to be performed	As the user enters the school code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	School ID.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate school and corresponding school ID. The user should be able to locate the appropriate school ID using any of the following information: school name, school ID, school city, or school state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4

Fiscal Year	
	The entered fiscal year must be greater than 1980.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Draft/Official Indicator	
Element	Checkbox
Definition/Business Rules	Allows a user to indicate whether they want draft or official cohort information. This is a required field.
Actions to be performed	As the user selects the Draft or Official option, a checkmark appears in the selected checkbox. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Draft/Official Indicator.
Validation	None.

Sort By	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code/SSN, Loan Status/SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code/SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status/SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	As the user selects SSN, Claim Code/SSN, or Loan Status/SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.

Sort By	
Validation	None.

Output Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the DMD Default Rate History Report. The minimum information required includes: • School ID • Fiscal Year • Draft or Official Indicator • Sort By • Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The School ID field is blank.

Execute Report	
	Message: Please enter valid school ID. *Location:* Client *Additional Information:* The label font color for the School ID field becomes red. • *Condition:* The user enters a School ID that is not six characters. *Message:* Please enter valid school ID. *Location:* Client *Additional Information:* The label font color for the School ID field becomes red. • *Condition:* The user enters an unrecognized School ID in the School ID field. *Message:* Please enter valid school ID. *Location:* Server *Additional Information:* The label font color for the School ID field becomes red. • *Condition:* The Fiscal Year field is blank. *Message:* Please enter fiscal year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Fiscal Year field is not four characters. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Fiscal Year field is less than or equal to 1980. *Message:* Please enter fiscal year greater than 1980 (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Draft / Official Indicator checkbox is blank. *Message:* Please select draft or official indicator option.

Execute Report	
	Location: Client *Additional Information:* The label font color for the Draft / Official Indicator field becomes red. • *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank. *Message:* Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition / Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.5 FPPS Cohort Default Rate History Report Parameter

Description	Allows a user to enter parameters for FPPS Cohort Default Rate History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	FPPS (ED)
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-031
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Organization Code, Fiscal Year, Draft / Official Indicator, Current / Originating Lender, Sort By, Output Type

3.5.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File	CDRHistDtlFPPSRptParm.asp

Name:	
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Organization Type 5. Organization Code 6. Organization Search 7. Fiscal Year 8. Draft / Official Indicator 9. Originating / Current Lender 10. Sort By 11. Output Type 12. Execute Report 13. Cancel

3.5.2 Design Details

The following screenshot highlights the functionality of the FPPS Cohort Default Rate History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

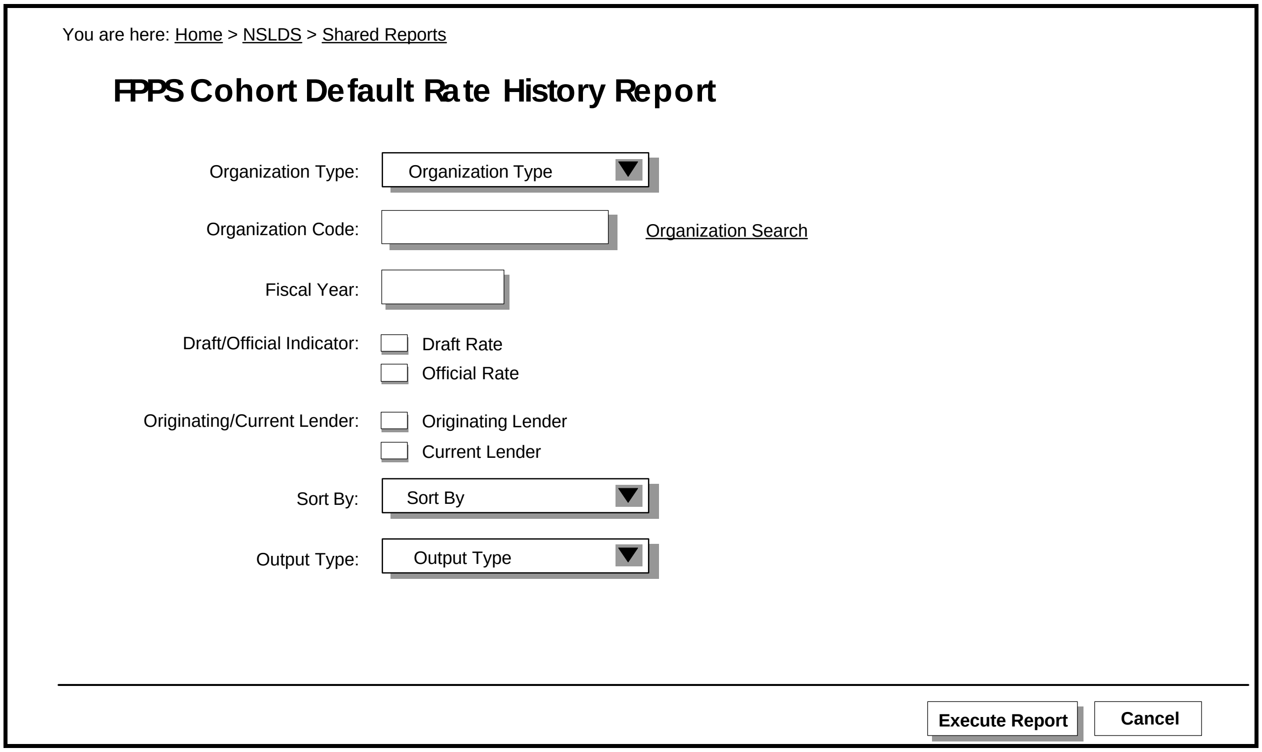

Figure 6, FPPS Cohort Default Rate History Report Parameter

3.5.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Organization Type	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the organization type. The user will have the following options available: Lender, Guaranty Agency. This is a required field.
Actions to be performed	As the user selects Lender or Guaranty Agency, it appears in the Organization Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization Code	
Element	Textbox
Definition / Business Rules	Allows a user to enter the identifier number for an organization. *Min Characters* – 3 *Max Characters* – 6 A valid organization code must be entered.
Actions to be performed	As the user enters the organization code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Organization Code.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate organization and corresponding organization ID. The user should be able to locate the appropriate organization ID using any of the following information: organization name, organization ID, organization city, or organization state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year is greater than 1980.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Draft/Official Indicator	
Element	Checkbox
Definition/Business Rules	Allows a user to indicate whether they want draft or official cohort information. This is a required field.
Actions to be performed	As the user selects the Draft or Official option, a checkmark appears in the selected checkbox. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Draft/Official Indicator.
Validation	None.

Originating/Current Lender	
Element	Checkbox
Definition / Business Rules	Allows a user to indicate whether they want cohort information on the originating or current lender. This field is required if the selected Organization Type is lender.
Actions to be performed	As the user selects the Originating or Current Lender option, a checkmark appears in the selected checkbox. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Originating / Current Lender.
Validation	None.

Sort By	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code / SSN, Loan Status / SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code / SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status / SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	As the user selects SSN, Claim Code / SSN, or Loan Status / SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.
Validation	None.

Output Type	
Element	Dropdown
Definition / Business Rules	Allows a user to designate the output type of the report result set.

Output Type	
	The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the FPPS Default Rate History Report. The minimum information required includes: • School ID • Fiscal Year • Draft or Official Indicator • Sort By • Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition*: The Organization Type field is blank. *Message:* Please choose organization type option. *Location:* Client *Additional Information:* The label font color for the Organization Type field becomes red. • *Condition:* The Organization Code field is

Execute Report	
	blank. *Message:* Please enter valid organization code. *Location:* Client *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The selected Organization Type is Guaranty Agency and the Organization Code is not three characters. *Message:* Please enter valid organization code. *Location:* Client *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The user has selected an Organization Type of Guaranty Agency and entered an unrecognized Organization Code in the Organization Code field. *Message:* Please enter valid organization code. *Location:* Server *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The selected Organization Type is Lender and the Organization Code is not six characters. *Message:* Please enter valid organization code. *Location:* Client *Additional Information:* The label font color for the Organization Code field becomes red. • *Condition:* The user has selected an Organization Type of Lender and entered an unrecognized Organization Code in the Organization Code field. *Message:* Please enter valid organization code. *Location:* Server *Additional Information:* The label font color for the Organization Code field becomes red.

Execute Report	
	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter fiscal year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Fiscal Year field is not four characters. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Fiscal Year field is less than or equal to 1980. *Message:* Please enter fiscal year greater than 1980 (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Draft / Official Indicator checkbox is blank. *Message:* Please select draft or official indicator option. *Location:* Client • *Additional Information:* The label font color for the Draft / Official Indicator field becomes red. • *Condition:* The selected Organization Type is Lender and the Originating / Current Lender checkbox is blank. *Message:* Please select originating or current lender option. *Location:* Client *Additional Information:* The label font color for the Originating / Current Lender field becomes red. • *Condition:* The selected Organization Type is Guaranty Agency and the Originating / Current Lender checkbox is checked. *Message:* Please uncheck the Originating or

Execute Report	
	Current Lender checkbox. This field is not relevant with the selected Organization Type. *Location:* Client *Additional Information:* The label font color for the Originating / Current Lender field becomes red. • *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank. *Message:* Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition / Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.6 School Cohort Default Rate History Report Parameter

Description	Allows a user to enter parameters for School Cohort Default Rate History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	Schools
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-035
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, School ID, Sort By, Output Type

3.6.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	SchCDRHistDtlRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. School ID 5. Sort By 6. Output Type 7. Execute Report 8. Cancel

3.6.2 Design Details

The following screenshot highlights the functionality of the School Cohort Default Rate History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

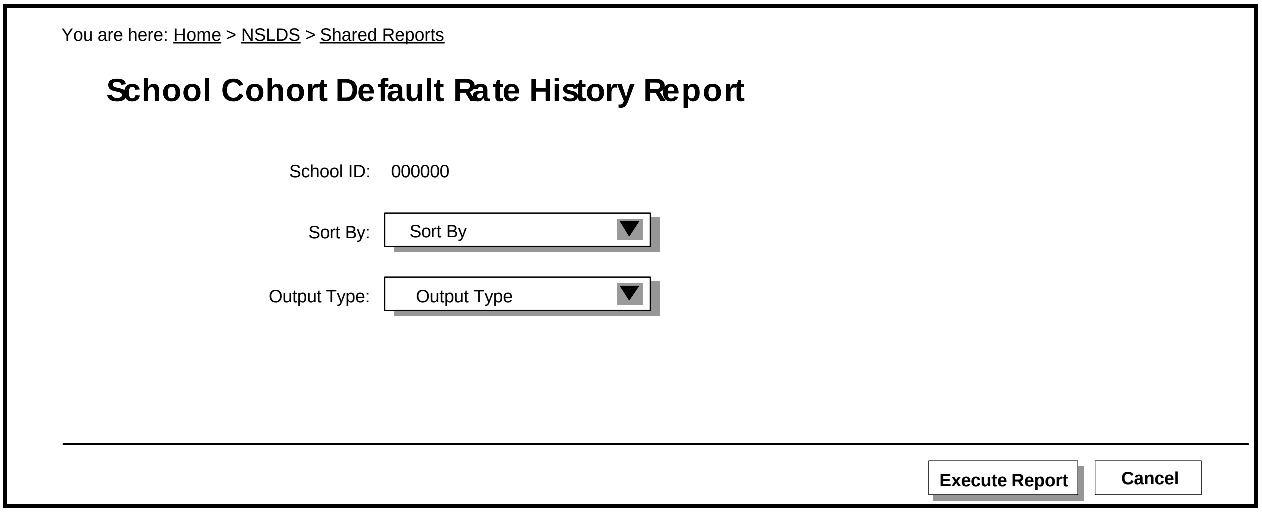

Figure 7, School Cohort Default Rate History Report Parameter

3.6.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.

MicroStrategy Shared Reports	
Temporary Table Field	None.
Validation	None.

School ID	
Element	Label
Definition/Business Rules	Informs user of the school ID for which the report result set will be generated. This school ID will be dynamically created based on the user's NSLDS ID and affiliated school ID.
Actions to be performed	None.
Temporary Table Field	School ID.
Validation	None.

Sort By	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code/SSN, Loan Status/SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code/SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status/SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	As the user selects SSN, Claim Code/SSN, or Loan Status/SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.
Validation	None.

Output Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

<table>
<tr><th colspan="2">Execute Report</th></tr>
<tr><td>Element</td><td>Pushbutton</td></tr>
<tr><td>Definition / Business Rules</td><td>Allows a user to submit the parameters for the School Default Rate History Report.

The minimum information required includes:

• Sort By
• Output Type</td></tr>
<tr><td>Actions to be performed</td><td>By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.</td></tr>
<tr><td>Temporary Table Field</td><td>None.</td></tr>
<tr><td>Validation</td><td>• Condition: The Sort By field is blank.
Message: Please choose sort by option.
Location: Client
Additional Information: The label font color for the Sort By field becomes red.

• Condition: The Output Type field is blank.
Message: Please choose output type option.
Location: Client
Additional Information: The label font color for the Output Type field becomes red.</td></tr>
</table>

Cancel	
Element	Pushbutton
Definition / Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.7 GA Cohort Default Rate History Report Parameter

Description	Allows a user to enter parameters for GA Cohort Default Rate History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	GAs
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-040
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, GA Code, Sort By, Output Type

3.7.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	GACDRHistDtlRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. GA Code 5. Sort By 6. Output Type 7. Execute Report 8. Cancel

3.7.2 Design Details

The following screenshot highlights the functionality of the GA Cohort Default Rate History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

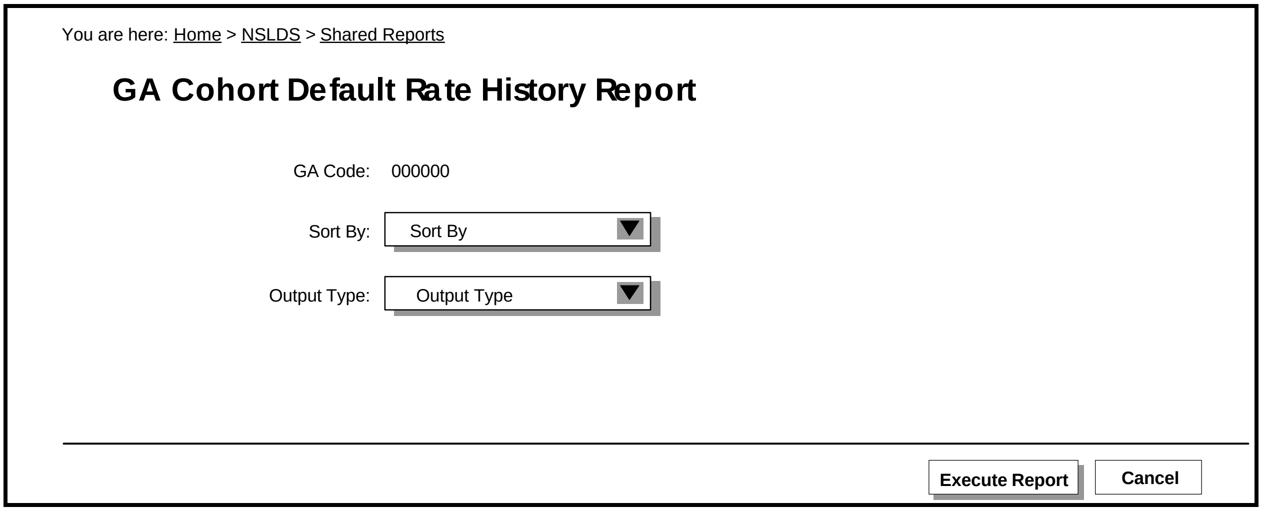

Figure 8, GA Cohort Default Rate History Report Parameter

3.7.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

GA Code	
Element	Label
Definition/Business Rules	Informs user of the GA Code for which the report result set will be generated. This GA Code will be dynamically created based on the user's NSLDS ID and affiliated GA Code.
Actions to be performed	None.
Temporary Table Field	GA Code.
Validation	None.

Sort By	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code/SSN, Loan Status/SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code/SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status/SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	As the user selects SSN, Claim Code/SSN, or Loan Status/SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Sort By.
Validation	None.

Output Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the GA Default Rate History Report. The minimum information required includes: • Sort By • Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank.

Execute Report	
	Message: Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.8 Lender Cohort Default Rate History Report Parameter

Description	Allows a user to enter parameters for Lender Cohort Default Rate History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	Lenders
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-DRC-045
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Lender Code, Sort By, Output Type

3.8.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	LenCDRHistDtlRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS)

	• MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Lender Code 5. Sort By 6. Output Type 7. Execute Report 8. Cancel

3.8.2 Design Details

The following screenshot highlights the functionality of the Lender Cohort Default Rate History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

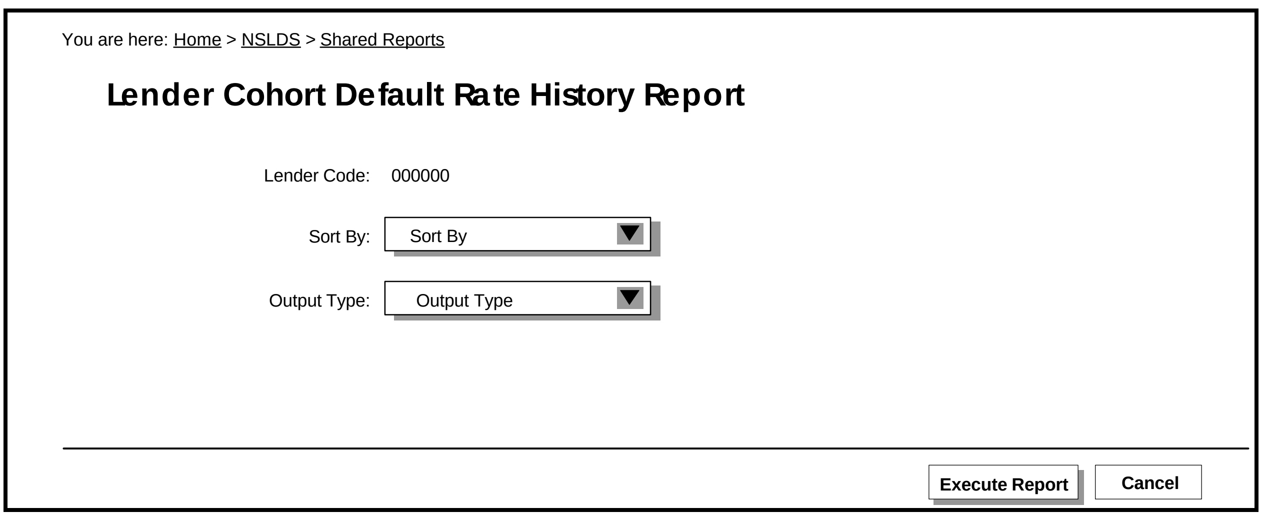

Figure 9, Lender Cohort Default Rate History Report Parameter

3.8.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy

MicroStrategy Home	
	Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Lender Code	
Element	Label
Definition/Business Rules	Informs user of the Lender Code for which the report result set will be generated. This Lender Code will be dynamically created based on the user's NSLDS ID and affiliated Lender Code.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

Sort By	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the attribute sort order of the report result set. The user will have the following options available: SSN, Claim Code/SSN, Loan

Sort By	
	Status/SSN. Selecting 'SSN' will sort result set by borrower's SSN. Selecting 'Claim Code/SSN' will sort loans by claim code and then by borrower's SSN. Selecting 'Loan Status/SSN' will sort loans by loan status and then by borrower's SSN. This is a required field.
Actions to be performed	As the user selects SSN, Claim Code/SSN, or Loan Status/SSN, it appears in the Sort By dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Output Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract. This is a required field.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Lender Cohort Default History Report. The minimum information required includes: • Sort By

Execute Report	
	• Output Type
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank. *Message:* Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.9 Financial Aid History Report Parameter

Description	Allows a user to enter parameters for Financial Aid History Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	Schools
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-FAH-001, NSLDS II IDD: I-SCHL-3
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, SSN 01, Last Name 01, First Name 01, Date of Birth 01, Pell Grant Award Year 01, SSN 02, Last Name 02, First Name 02, Date of Birth 02, Pell Grant Award Year 02, SSN N, Last Name N, First Name N, Date of Birth N, Pell

	Grant Award Year N, Output Type

3.9.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	FAHRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. SSN 01 5. Last Name 01 6. First Name 01 7. Date of Birth 01 8. Pell Grant Award Year 01 9. SSN 02 10. Last Name 02 11. First Name 02 12. Date of Birth 02 13. Pell Grant Award Year 02 14. Output Type 15. Execute Report 16. Cancel This screen allows the user to enter student information on a maximum of 50 students. The logic for tab orders 9-13 is repeated 49 times on the screen. However, it is only documented once in the Screen Functionality section below.

3.9.2 Design Details

The following screenshot highlights the functionality of the Financial Aid History Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

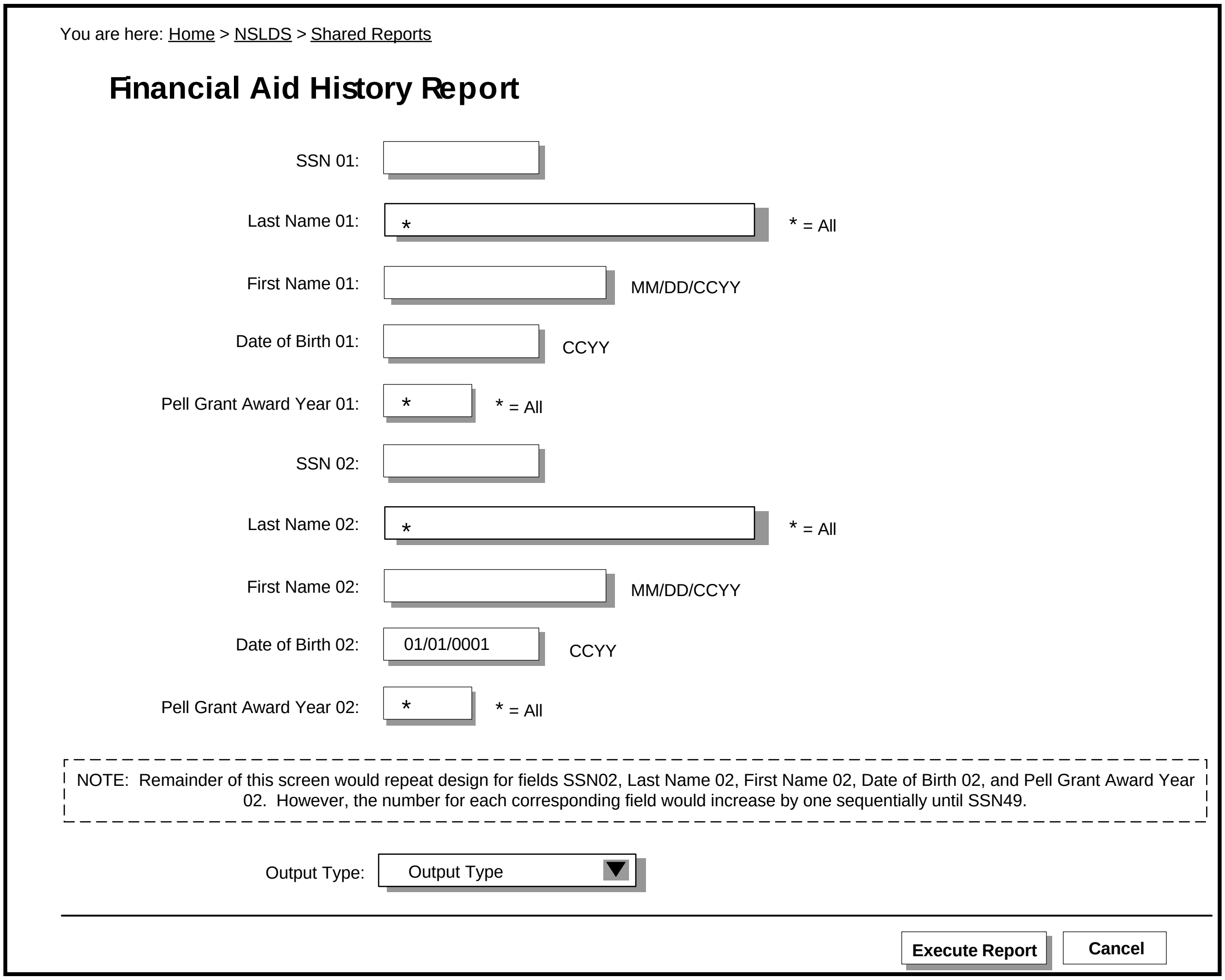

Figure 10, Financial Aid History Report Parameter

3.9.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Home screen.

MicroStrategy Home	
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

SSN 01	
Element	Textbox
Definition/Business Rules	Allows a user to enter the social security number of the student. *Min Characters* – 9 *Max Characters* – 11 Hyphens are accepted in the 4th and 7th position.
Actions to be performed	As the user enters the SSN, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	SSN 01.
Validation	None.

Last Name 01	
Element	Textbox
Definition/Business Rules	Allows a user to enter the last name of the student. *Min Characters* – 1 *Max Characters* – 35 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by last name.
Actions to be performed	As the user enters the Last Name, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Last Name 01.
Validation	None.

First Name 01	
Element	Textbox
Definition/Business Rules	Allows a user to enter the first name of the student. *Min Characters* – 1 *Max Characters* - 12
Actions to be performed	As the user enters the first name, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	First Name 01.
Validation	None.

Date of Birth 01	
Element	Textbox
Definition/Business Rules	Allows a user to enter the date of birth of the student. *Min Characters* – 10 *Max Characters* – 10 The entered date of birth must be in valid MM/DD/CCYY format.

Date of Birth 01	
Actions to be performed	As the user enters the date of birth, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Date of Birth 01.
Validation	None.

Pell Grant Award Year 01	
Element	Textbox
Definition/Business Rules	Allows a user to enter the award year of the pell grant. *Min Characters* – 1 *Max Characters* – 4 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by pell grant award year. The entered date of birth must be in valid CCYY format.
Actions to be performed	As the user enters the pell grant award year, it is displayed in the textbox in editable format.
Temporary Table Field	Pell Grant Award Year 01.
Validation	None.

SSN 02	
Element	Textbox
Definition/Business Rules	Allows a user to enter the social security number of the student. *Min Characters* – 9 *Max Characters* – 11 This field is populated by '?' by default. Hyphens are accepted in the 4th and 7th position.
Actions to be performed	As the user enters the SSN, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	SSN 02.

SSN 02	
Validation	None.

Last Name 02	
Element	Textbox
Definition/Business Rules	Allows a user to enter the last name of the student. *Min Characters* – 1 *Max Characters* – 35 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by last name.
Actions to be performed	As the user enters the Last Name, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Last Name 02.
Validation	None.

First Name 02	
Element	Textbox
Definition/Business Rules	Allows a user to enter the first name of the student. *Min Characters* – 1 *Max Characters* – 12 This field is populated by '?' by default.
Actions to be performed	As the user enters the first name, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	First Name 02.
Validation	None.

Date of Birth 02	
Element	Textbox
Definition/Business Rules	Allows a user to enter the date of birth of the student. *Min Characters* – 10

Date of Birth 02	
	Max Characters – 10 The entered date of birth must be in valid MM/DD/CCYY format.
Actions to be performed	As the user enters the date of birth, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Date of Birth 02.
Validation	None.

Pell Grant Award Year 02	
Element	Textbox
Definition/Business Rules	Allows a user to enter the award year of the pell grant. *Min Characters* – 1 *Max Characters* – 4 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by pell grant award year. The entered pell grant award year must be in valid CCYY format.
Actions to be performed	As the user enters the pell grant award year, it is displayed in the textbox in editable format.
Temporary Table Field	Pell Grant Award Year 02.
Validation	None.

Output Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the output type of the report result set. The user will have the following options available: Report, Extract. Selecting 'Report' will result in the creation of a formatted report extract. Selecting 'Extract' will result in the creation of an unformatted extract.
Actions to be performed	As the user selects Report or Extract, it appears in the Output Type dropdown box.

Output Type	
	On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Output Type.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Financial Aid History Report. The minimum information required includes: • SSN 01 • Last Name 01 • First Name 01 • Date of Birth 01 • Pell Grant Award Year 01 • SSN 02 • Last Name 02 • First Name 02 • Date of Birth 02 • Pell Grant Award Year 02
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The SSN 01 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the SSN 01 field becomes red. • *Condition:* The user enters less than 9 or more than 11 characters in the SSN 01 field. *Message:* Please enter valid SSN. *Location:* Client *Additional Information:* The label font color for the SSN 01 field becomes red.

Execute Report	
	• *Condition:* If the user enters 11 characters in the SSN 01 field, then the 4th and 7th characters are not hyphens. *Message:* Please enter valid SSN. *Location:* Client *Additional Information:* The label font color for the SSN 01 field becomes red. • *Condition:* The Last Name 01 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Last Name 01 field becomes red. • *Condition:* The First Name 01 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Last Name 01 field becomes red. • *Condition:* The Date of Birth 01 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Date of Birth 01 field becomes red. • *Condition:* The Date of Birth 01 field is not in MM/DD/CCYY format. *Message:* Please enter valid date of birth (MM/DD/CCYY). *Location:* Client *Additional Information:* The label font color for the Date of Birth 01 field becomes red. • *Condition:* The Pell Grant Award Year 01 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Pell Grant Award Year 01 field becomes red. • *Condition:* The Pell Grant Award Year 01 field is not '*' or in CCYY format. *Message:* Please enter valid pell grant award

Execute Report	
	year. *Location:* Client *Additional Information:* The label font color for the Pell Grant Award Year 01 field becomes red. • *Condition:* The SSN 02 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the SSN 02 field becomes red. • *Condition:* The Last Name 02 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Last Name 02 field becomes red. • *Condition:* The First Name 02 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Last Name 02 field becomes red. • *Condition:* The Date of Birth 02 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Date of Birth 02 field becomes red. • *Condition:* The Date of Birth 02 field is not in MM/DD/CCYY format. *Message:* Please enter valid date of birth (MM/DD/CCYY). *Location:* Client *Additional Information:* The label font color for the Date of Birth 02 field becomes red. • *Condition:* The Pell Grant Award Year 02 field is blank. *Message:* Please enter required data. *Location:* Client *Additional Information:* The label font color for the Pell Grant Award Year 02 field becomes red.

Execute Report	
	• *Condition:* The Pell Grant Award Year 02 field is not '*' or in CCYY format. *Message:* Please enter valid pell grant award year. *Location:* Client *Additional Information:* The label font color for the Pell Grant Award Year 02 field becomes red. • *Condition:* The Sort By field is blank. *Message:* Please choose sort by option. *Location:* Client *Additional Information:* The label font color for the Sort By field becomes red. • *Condition:* The Output Type field is blank. *Message:* Please choose output type option. *Location:* Client *Additional Information:* The label font color for the Output Type field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.10 Reasonability Quarterly Form 2000 Report Parameter

Description	Allows a user to enter parameters for Reasonability Quarterly Form 2000 Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	NSLDS/Operations Partner
Requirements Traceability	2.162
Reference(s)	NSLDS II PDD: P-RSNQ-1
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, Reporting Quarter, GA Code, GA Override Indicator, Official Run Indicator

3.10.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	RsnbltyQtrF2000RptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. Reporting Quarter 6. GA Code 7. Organization Search 8. GA Override Indicator 9. Official Run Indicator 10. Execute Report 11. Cancel

3.10.2 Design Details

The following screenshot highlights the functionality of the Reasonability Quarterly Form 2000 Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

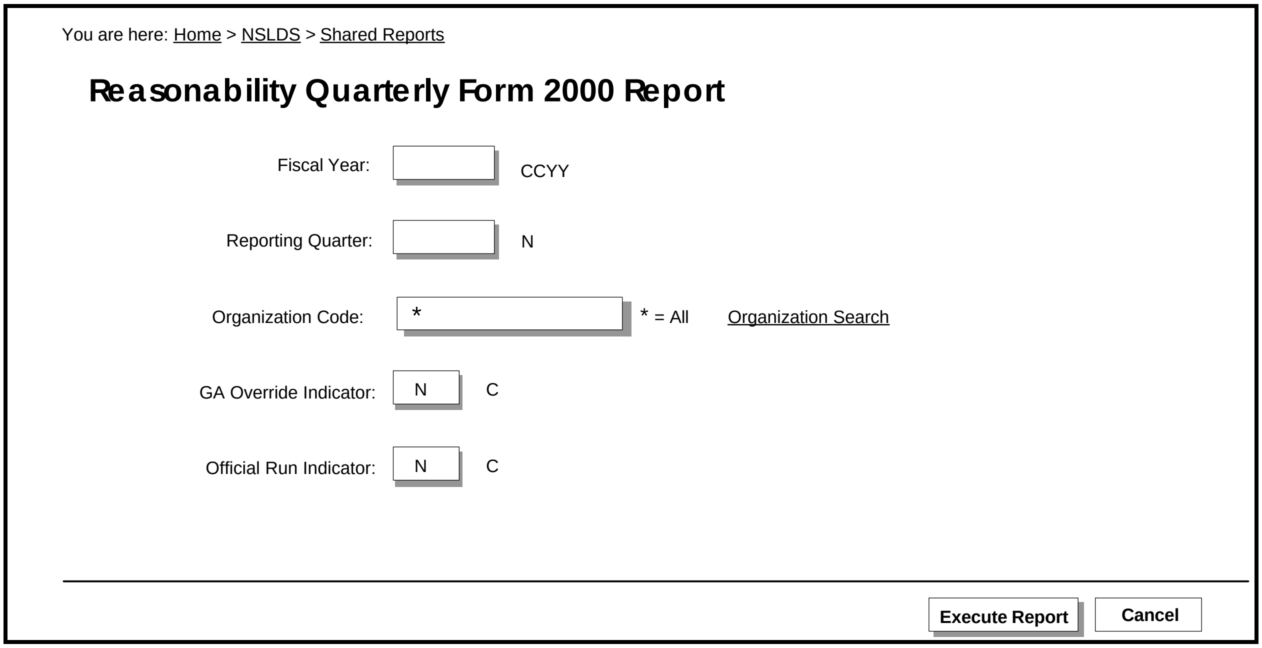

Figure 11, Reasonability Quarterly Form 2000 Report Parameter

3.10.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in valid CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Reporting Quarter	
Element	Textbox
Definition/Business Rules	Allows a user to enter the reporting quarter. *Min Characters* – 1 *Max Characters* - 1
Actions to be performed	As the user enters the reporting quarter, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Reporting Quarter.
Validation	None.

GA Code	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for a GA.

GA Code	
	Min Characters – 1 *Max Characters* – 3 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by GA code. A valid GA Code must be entered.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Code.
Validation	None.

Organization Search	
Element	Link
Definition / Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

GA Override Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether to override inactive GAs. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the GA override indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.

GA Override Indicator	
Temporary Table Field	GA Override Indicator.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the GA override indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Official Run Indicator.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Reasonability Quarterly Form 2000 Report. The minimum information required includes: • Fiscal Year • Reporting Quarter • GA Code • GA Override Indicator • Official Run Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for

Execute Report	
	the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Reporting Quarter field is blank. *Message:* Please enter Reporting Quarter. *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red. • *Condition:* The user enters a value other than ‘1’, ‘2’, ‘3’, or ‘4’ in the Reporting Quarter field. *Message:* Please enter valid reporting quarter (1, 2, 3, 4). *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red. • *Condition:* The GA Code field is blank. *Message:* Please enter GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not ‘*’. *Message:* Please enter valid GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters an unrecognized GA code in the GA Code field. *Message:* Please enter valid GA Code. *Location:* Server *Additional Information:* The label font color for

Execute Report	
	the GA Code field becomes red. • *Condition:* The GA Override Indicator field is blank. *Message:* Please enter GA Override Indicator. *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the GA Override Indicator field. *Message:* Please enter valid GA Override Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red. • *Condition:* The Official Run Indicator field is blank. *Message:* Please enter Official Run Indicator. *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Official Run Indicator field. *Message:* Please enter valid Official Run Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.11 Accounts Maintenance Fee Extract Report Parameter

Description	Allows a user to enter parameters for Accounts Maintenance Fee Extract Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	NSLDS/Operations Partner
Requirements Traceability	2.162
Reference(s)	NSLDS II PDD: P-AMF-1
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, GA Code, GA Override Indicator, Official Run Indicator, Back Up Data to GA Indicator

3.11.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	AMFRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. GA Code 6. Organization Search 7. GA Override Indicator 8. Official Run Indicator 9. Back Up Data to GA Indicator 10. Execute Report 11. Cancel

3.11.2 Design Details

The following screenshot highlights the functionality of the Accounts Maintenance Fee Extract Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

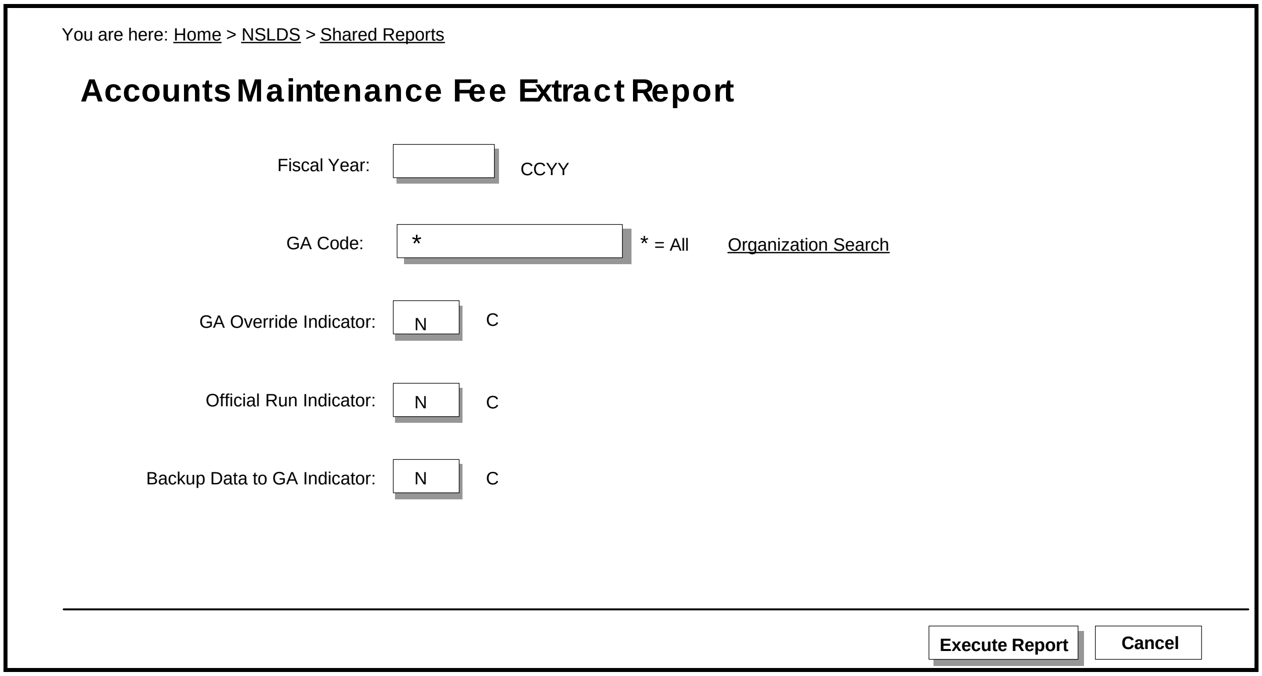

Figure 12, Accounts Maintenance Fee Extract Report Parameter

3.11.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the

MicroStrategy NSLDS	
	MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

GA Code	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for a GA. *Min Characters* – 1 *Max Characters* – 3 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by GA code. The entered GA code must be valid.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format.

GA Code	
	On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

GA Override Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether to override inactive GAs. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the GA override indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1

Official Run Indicator	
	This field is populated with 'N' by default.
Actions to be performed	As the user enters the official run indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Backup Data to GA Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report procedure extract file should be sent to the GA. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the backup data to GA indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Execute Report	
Element	Pushbutton
Definition / Business Rules	Allows a user to submit the parameters for the Accounts Maintenance Fee Extract Report. The minimum information required includes: • Fiscal Year • GA Code • GA Override Indicator • Official Run Indicator • Backup Data to GA Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been

Execute Report	
	performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The GA Code field is blank. *Message:* Please enter GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not '*'. *Message:* Please enter valid GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters an unrecognized GA code in the GA Code field. *Message:* Please enter valid GA Code. *Location:* Server *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The GA Override Indicator field is blank. *Message:* Please enter GA Override Indicator. *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red.

Execute Report	
	• *Condition:* The user enters a value other than 'Y' or 'N' in the GA Override Indicator field. *Message:* Please enter valid GA Override Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red. • *Condition:* The Official Run Indicator field is blank. *Message:* Please enter Official Run Indicator. *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Official Run Indicator field. *Message:* Please enter valid Official Run Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The Backup Data to GA Indicator field is blank. *Message:* Please enter Backup Data to GA Indicator. *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Backup Data to GA Indicator field. *Message:* Please enter valid Backup Data to GA Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.12 Loan Processing and Issuance Fee Report Parameter

Description	Allows a user to enter parameters for Loan Processing and Issuance Fee Report that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	NSLDS/Operations Partner
Requirements Traceability	2.162
Reference(s)	NSLDS II PDD: P-LPIF-1
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, Reporting Quarter, GA Code, GA Override Indicator, Official Run Indicator, Back Up Data to GA Indicator

3.12.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	LPIFRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen:

	• None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. Reporting Quarter 6. GA Code 7. Organization Search 8. GA Override Indicator 9. Official Run Indicator 10. Back Up Data to GA Indicator 11. Execute Report 12. Cancel

3.12.2 Design Details

The following screenshot highlights the functionality of the Loan Processing and Issuance Fee Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

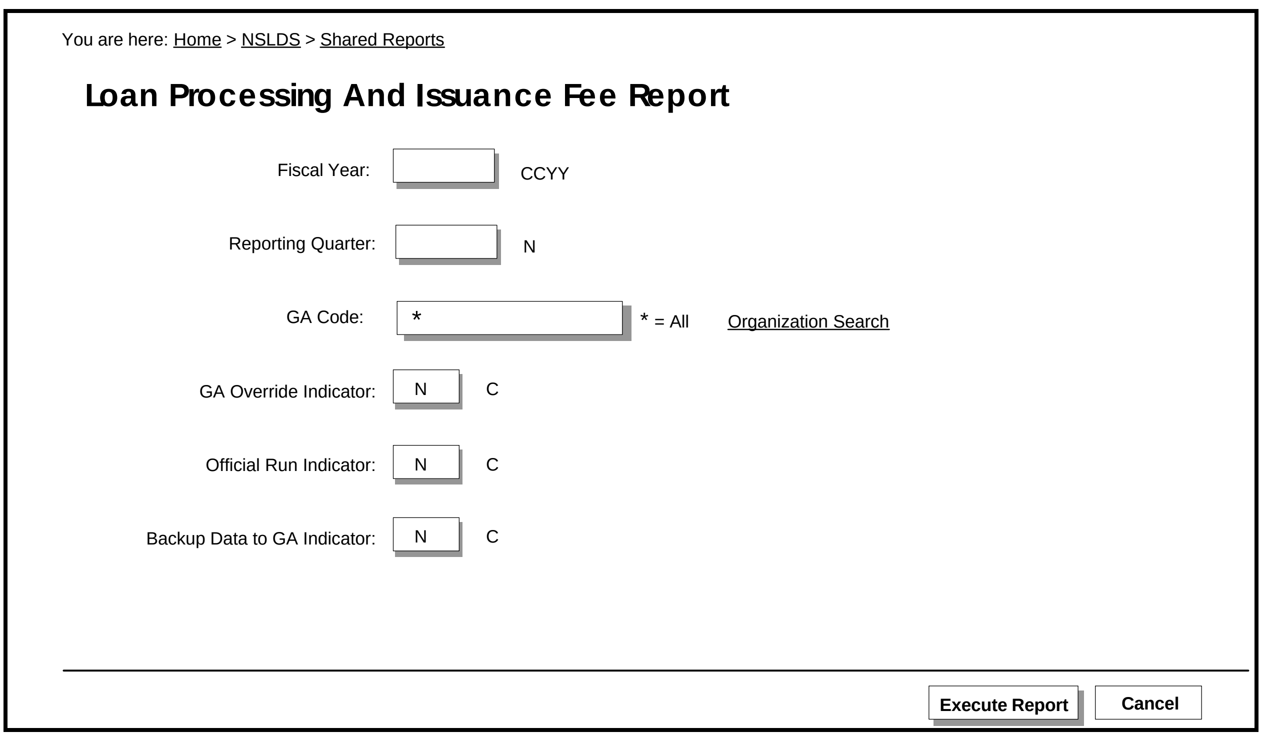

Figure 13, Loan Processing and Issuance Fee Report Parameter

3.12.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Reporting Quarter	
Element	Textbox
Definition/Business Rules	Allows a user to enter the reporting quarter. *Min Characters* – 1 *Max Characters* - 1
Actions to be performed	As the user enters the reporting quarter, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Reporting Quarter.
Validation	None.

GA Code	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for a GA. *Min Characters* – 1 *Max Characters* – 3 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by GA code. The entered GA code must be valid.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Code.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen

Organization Search	
	appears.
Temporary Table Field	None.
Validation	None.

GA Override Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether to override inactive GAs. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the GA override indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Override Indicator.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the official run indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Official Run Indicator.
Validation	None.

Backup Data to GA Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure extract file should be sent to the GA. *Min Characters* – 1

Backup Data to GA Indicator	
	Max Characters – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the backup data to GA indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Backup Data to GA Indicator.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Loan Process and Issuance Fee Extract Report. The minimum information required includes: • Fiscal Year • Reporting Quarter • GA Code • GA Override Indicator • Official Run Indicator • Backup Data to GA Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client

Execute Report	
	Additional Information: The label font color for the Fiscal Year field becomes red. • *Condition:* The Reporting Quarter field is blank. *Message:* Please enter Reporting Quarter. *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red. • *Condition:* The user enters a value other than ‘1’, ‘2’, ‘3’, or ‘4’ in the Reporting Quarter field. *Message:* Please enter valid reporting quarter (1, 2, 3, 4). *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red. • *Condition:* The GA Code field is blank. *Message:* Please enter GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not ‘*’. *Message:* Please enter valid GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters an unrecognized GA code in the GA Code field. *Message:* Please enter valid GA Code. *Location:* Server *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The GA Override Indicator field is blank. *Message:* Please enter GA Override Indicator. *Location:* Client *Additional Information:* The label font color for

Execute Report	
	the GA Override Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the GA Override Indicator field. *Message:* Please enter valid GA Override Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red. • *Condition:* The Official Run Indicator field is blank. *Message:* Please enter Official Run Indicator. *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Official Run Indicator field. *Message:* Please enter valid Official Run Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The Backup Data to GA Indicator field is blank. *Message:* Please enter Backup Data to GA Indicator. *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Backup Data to GA Indicator field. *Message:* Please enter valid Backup Data to GA Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red.

Cancel

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.13 Reasonability Quarterly Backup F2000 Report Parameter

Description	Allows a user to enter parameters for Reasonability Quarterly Backup F2000 that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	NSLDS/Operations Partner
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-MBR-009
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, Reporting Quarter, GA Code, Official Run Indicator, Run Date, Run Time, Back Up Data to GA Indicator, Cumulative Backup Indicator, Guaranty Activity Indicator, Cancellation Activity Indicator, Guaranty Transfer In Activity Indicator, Guaranty Transfer Out Activity Indicator, Insurance Claim Payment Activity Indicator, Insurance Claim Refund Activity Indicator, Repurchase Activity Indicator

3.13.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	RsnbltyQtrBkupF2000RptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)

Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. Reporting Quarter 6. GA Code 7. Organization Search 8. Official Run Indicator 9. Run Date 10. Run Time 11. Back Up Data to GA Indicator 12. Cumulative Backup Indicator 13. Guaranty Activity Indicator 14. Cancellation Activity Indicator 15. Guaranty Transfer In Activity Indicator 16. Guaranty Transfer Out Activity Indicator 17. Insurance Claim Payment Activity Indicator 18. Insurance Claim Refund Activity Indicator 19. Repurchase Activity Indicator 20. Execute Report 21. Cancel

3.13.2 Design Details

The following screenshot highlights the functionality of the Reasonability Quarterly Backup F2000 Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

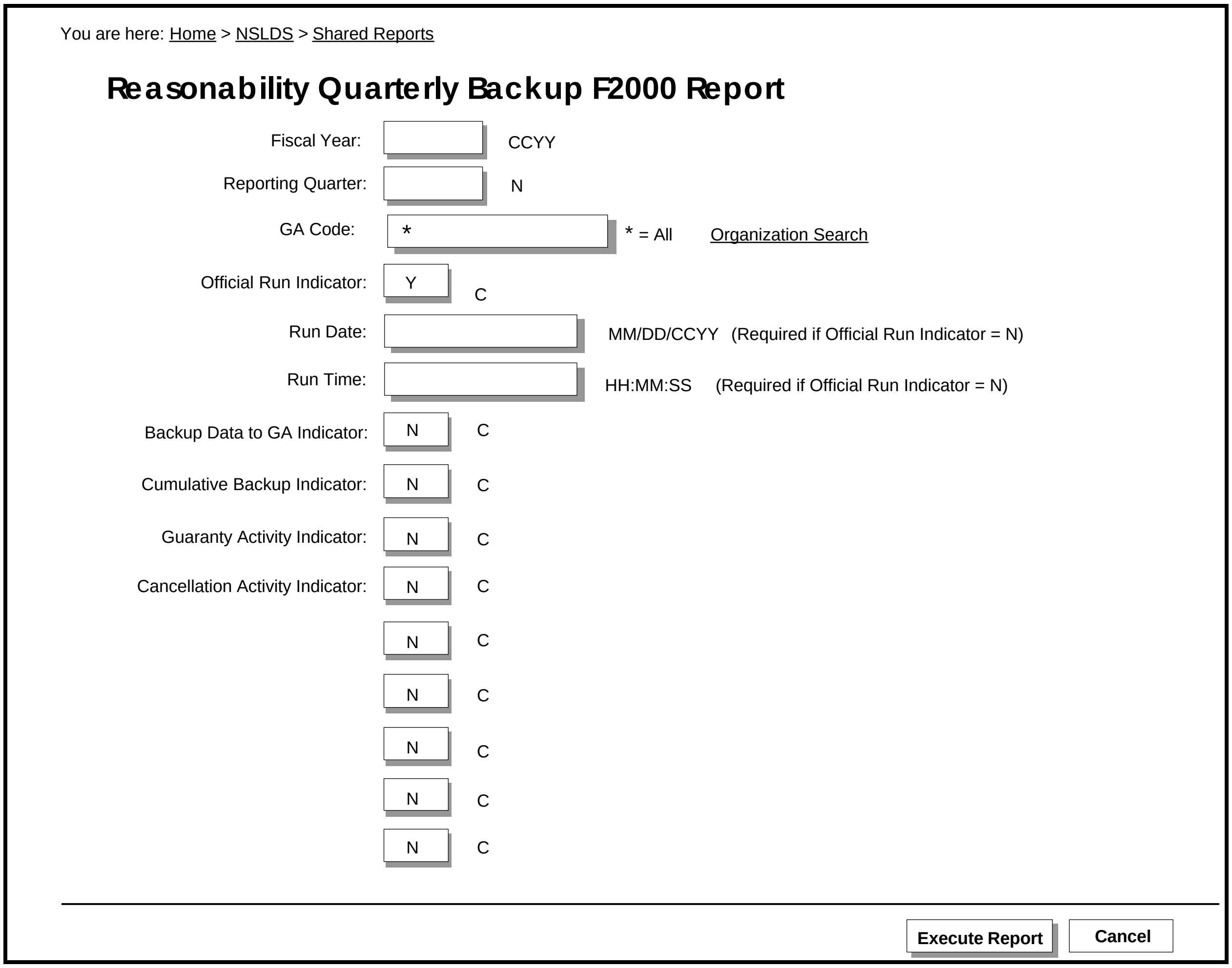

Figure 14, Reasonability Quarterly Backup F2000 Report Parameter

3.13.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link

MicroStrategy NSLDS	
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition/Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Reporting Quarter	
Element	Textbox
Definition/Business Rules	Allows a user to enter the reporting quarter. *Min Characters* – 1 *Max Characters* - 1
Actions to be performed	As the user enters the reporting quarter, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Reporting Quarter.

Reporting Quarter	
Validation	None.

GA Code	
Element	Textbox
Definition/Business Rules	Allows a user to enter the identifier number for a GA. *Min Characters* – 1 *Max Characters* – 3 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by GA code. The entered GA Code must be valid.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Code.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1

Official Run Indicator	
	This field is populated with 'Y' by default.
Actions to be performed	As the user enters the Official Run indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Official Run Indicator.
Validation	None.

Run Date	
Element	Textbox
Definition / Business Rules	Allows a user to indicate the run date. *Min Characters* – 10 *Max Characters* – 10 This field is required if the Official Run Indicator is 'N'. This entered run date must be in MM / DD / CCYY format.
Actions to be performed	As the user enters the Run Date, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Run Date.
Validation	None.

Run Time	
Element	Textbox
Definition / Business Rules	Allows a user to indicate the run date. *Min Characters* – 8 *Max Characters* – 8 This field is required if the Official Run Indicator is 'N'. The entered run time must be in HH:MM:SS format.
Actions to be performed	As the user enters the Run Time, it is displayed in the textbox in editable format.

Run Time	
	On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Run Time.
Validation	None.

Backup Data to GA Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report procedure extract file should be sent to the GA. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the backup data to GA indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Backup Data to GA Indicator.
Validation	None.

Cumulative Backup Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report procedure extract file should include a cumulative backup. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the cumulative backup indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Cumulative Backup Indicator.
Validation	None.

Guaranty Activity Indicator	
Element	Textbox

Guaranty Activity Indicator	
Definition / Business Rules	Allows a user to indicate whether the report extract file should include guaranty activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the guaranty activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Guaranty Activity Indicator.
Validation	None.

Cancellation Activity Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report extract file should include cancellation activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the cancellation activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Cancellation Activity Indicator.
Validation	None.

Guaranty Transfer In Activity Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report extract file should include guaranty transfer in activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the guaranty transfer in

Guaranty Transfer In Activity Indicator	
	activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Guaranty Transfer In Activity Indicator.
Validation	None.

Guaranty Transfer Out Activity Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report extract file should include guaranty transfer out activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the guaranty transfer out activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Guaranty Transfer Out Activity Indicator.
Validation	None.

Insurance Claim Payment Activity Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report extract file should include insurance claim payment activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the insurance claim payment activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Insurance Claim Payment Activity Indicator.

Insurance Claim Payment Activity Indicator	
Validation	None.

Insurance Claim Refund Activity Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report extract file should include insurance claim refund activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the insurance claim refund activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Insurance Claim Refund Activity Indicator.
Validation	None.

Repurchase Activity Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report extract file should include insurance claim refund activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the insurance claim refund indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Repurchase Activity Indicator.
Validation	None.

Execute Report	
Element	Pushbutton
Definition / Business Rules	Allows a user to submit the parameters for the Reasonability Quarterly Backup F2000 Report.

Execute Report	
	The minimum information required includes: • Fiscal Year • Reporting Quarter • GA Code • Official Run Indicator • Backup Data to GA Indicator • Cumulative Backup Indicator • Guaranty Activity Indicator • Cancellation Activity Indicator • Guaranty Transfer In Activity Indicator • Guaranty Transfer Out Activity Indicator • Insurance Claim Payment Activity Indicator • Insurance Claim Refund Activity Indicator • Repurchase Activity Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Reporting Quarter field is blank. *Message:* Please enter Reporting Quarter. *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red.

<table>
<tr><th colspan="2">Execute Report</th></tr>
<tr><td></td><td>

Condition: The user enters a value other than ‘1’, ‘2’, ‘3’, or ‘4’ in the Reporting Quarter field.
Message: Please enter valid reporting quarter (1, 2, 3, 4).
Location: Client
Additional Information: The label font color for the Reporting Quarter field becomes red.
Condition: The GA Code field is blank.
Message: Please enter GA Code.
Location: Client
Additional Information: The label font color for the GA Code field becomes red.
Condition: The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not ‘*’.
Message: Please enter valid GA Code.
Location: Client
Additional Information: The label font color for the GA Code field becomes red.
Condition: The user enters an unrecognized GA code in the GA Code field.
Message: Please enter valid GA Code.
Location: Server
Additional Information: The label font color for the GA Code field becomes red.
Condition: The Official Run Indicator field is blank.
Message: Please enter Official Run Indicator.
Location: Client
Additional Information: The label font color for the Official Run Indicator field becomes red.
Condition: The user enters a value other than ‘Y’ or ‘N’ in the Official Run Indicator field.
Message: Please enter valid Official Run Indicator (Y, N).
Location: Client
Additional Information: The label font color for the Official Run Indicator field becomes red.

</td></tr>
</table>

Execute Report	
	• *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Date field should be populated with a value other than '01/01/0001'. *Message:* Please enter valid Run Date (MM/DD/CCYY). *Location:* Client *Additional Information:* The label font color for the Run Date Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Date field should be populated with a value format of MM/DD/CCYY. *Message:* Please enter valid Run Date (MM/DD/CCYY). *Location:* Client *Additional Information:* The label font color for the Run Date Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Time field should be populated with a value. *Message:* Please enter valid Run Date (HH:MM:SS). *Location:* Client *Additional Information:* The label font color for the Run Time Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Time field should be populated with a value format of HH:MM:SS. *Message:* Please enter valid Run Date (00:00:00). *Location:* Client *Additional Information:* The label font color for the Run Time Indicator field becomes red. • *Condition:* The Backup Data to GA Indicator field is blank. *Message:* Please enter Backup Data to GA Indicator. *Location:* Client

Execute Report	
	Additional Information: The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Backup Data to GA Indicator field. *Message:* Please enter valid Backup Data to GA Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The Cumulative Backup Indicator field is blank. *Message:* Please enter Cumulative Backup Indicator. *Location:* Client *Additional Information:* The label font color for the Cumulative Backup Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Cumulative Backup Indicator field. *Message:* Please enter valid Cumulative Backup Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Cumulative Backup Indicator field becomes red. • *Condition:* The Guaranty Activity Indicator field is blank. *Message:* Please enter Guaranty Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Guaranty Activity Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Guaranty Activity Indicator field.

Execute Report	
	Message: Please enter valid Guaranty Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Guaranty Activity Indicator field becomes red. • *Condition:* The Cancellation Activity Indicator field is blank. *Message:* Please enter Cancellation Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Cancellation Activity Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Cancellation Activity Indicator field. *Message:* Please enter valid Cancellation Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Cancellation Activity Indicator field becomes red. • *Condition:* The Guaranty Transfer In Activity Indicator field is blank. *Message:* Please enter Guaranty Transfer In Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Guaranty Transfer In Activity Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Guaranty Transfer In Activity Indicator field. *Message:* Please enter valid Guaranty Transfer In Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Guaranty Transfer In Activity Indicator field becomes red.

Execute Report	
	• *Condition:* The Guaranty Transfer Out Activity Indicator field is blank. *Message:* Please enter Guaranty Transfer Out Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Guaranty Transfer Out Activity Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Guaranty Transfer Out Activity Indicator field. *Message:* Please enter valid Guaranty Transfer Out Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Guaranty Transfer Out Activity Indicator field becomes red. • *Condition:* The Insurance Claim Payment Activity Indicator field is blank. *Message:* Please enter Insurance Claim Payment Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Insurance Claim Payment Activity Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Insurance Claim Payment Activity Indicator field. *Message:* Please enter valid Insurance Claim Payment Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Insurance Claim Payment Activity Indicator field becomes red. • *Condition:* The Insurance Claim Refund Activity Indicator field is blank. *Message:* Please enter Insurance Claim Refund Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Insurance Claim Refund Activity

Execute Report	
	Indicator field becomes red. • *Condition*: The user enters a value other than 'Y' or 'N' in the Insurance Claim Refund Activity Indicator field. *Message*: Please enter valid Insurance Claim Refund Activity Indicator (Y, N). *Location*: Client *Additional Information*: The label font color for the Insurance Claim Refund Activity Indicator field becomes red. • *Condition*: The Repurchase Activity Indicator field is blank. *Message*: Please enter Repurchase Activity Indicator. *Location*: Client *Additional Information*: The label font color for the Repurchase Activity Indicator field becomes red. • *Condition*: The user enters a value other than 'Y' or 'N' in the Repurchase Activity Indicator field. *Message*: Please enter valid Repurchase Activity Indicator (Y, N). *Location*: Client *Additional Information*: The label font color for the Repurchase Activity Indicator field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.14 Reasonability Yearly Form 2000 Report Parameter

Description	Allows a user to enter parameters for Reasonability Yearly Form 2000 Report that will be generated using a stored procedure.
New or Existing	Existing

User Group (Screen Level)	NSLDS/Operations Partner
Requirements Traceability	2.162
Reference(s)	NSLDS II PDD: P-RSNY-1
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, Reporting Quarter, GA Code, GA Override Indicator, Official Run Indicator

3.14.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	RsnbltyYrlyF2000RptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. Reporting Quarter 6. GA Code 7. Organization Search 8. GA Override Indicator 9. Official Run Indicator 10. Execute Report 11. Cancel

3.14.2 Design Details

The following screenshot highlights the functionality of the Reasonability Yearly Form 2000 Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

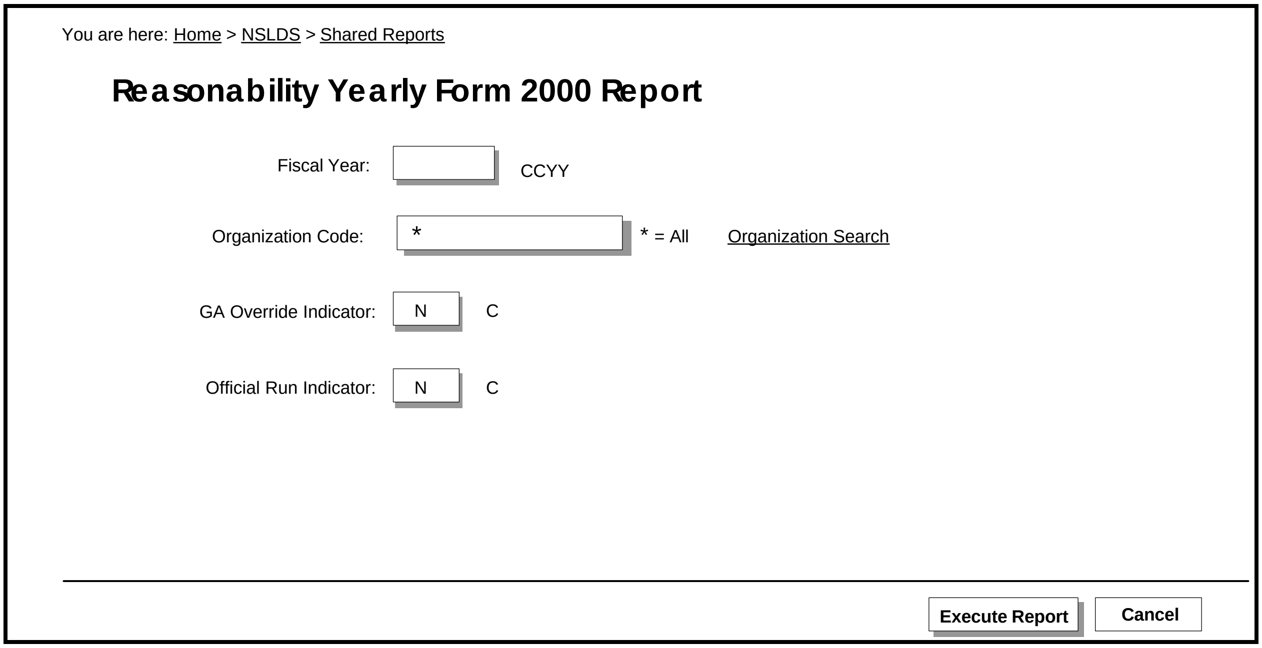

Figure 15, Reasonability Yearly Form 2000 Report Parameter

3.14.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.

MicroStrategy NSLDS	
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition / Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

GA Code	
Element	Textbox
Definition / Business Rules	Allows a user to enter the identifier number for a GA. *Min Characters* – 1 *Max Characters* – 3 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by GA code. The entered GA code must be valid.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format. On Enter

GA Code	
	Execute Report pushbutton is enacted.
Temporary Table Field	GA Code.
Validation	None.

Organization Search	
Element	Link
Definition / Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

GA Override Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether to override inactive GAs. *Min Characters* – 1 *Max Characters* – 1 This field is populated with ‘N’ by default.
Actions to be performed	As the user enters the GA override indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Override Indicator.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1 This field is populated with ‘N’ by default.
Actions to be performed	As the user enters the GA override indicator, it is

Official Run Indicator	
	displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Official Run Indicator.
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Reasonability Annual Backup F2000 Report. The minimum information required includes: • Fiscal Year • GA Code • GA Override Indicator • Official Run Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The GA Code field is blank. *Message:* Please enter GA Code. *Location:* Client *Additional Information:* The label font color for

<table>
<tr><th colspan="2">Execute Report</th></tr>
<tr><td></td><td>
the GA Code field becomes red.

Condition: The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not ‘*’.
Message: Please enter valid GA Code.
Location: Client
Additional Information: The label font color for the GA Code field becomes red.
Condition: The user enters an unrecognized GA code in the GA Code field.
Message: Please enter valid GA Code.
Location: Server
Additional Information: The label font color for the GA Code field becomes red.
Condition: The GA Override Indicator field is blank.
Message: Please enter GA Override Indicator.
Location: Client
Additional Information: The label font color for the GA Override Indicator field becomes red.
Condition: The user enters a value other than ‘Y’ or ‘N’ in the GA Override Indicator field.
Message: Please enter valid GA Override Indicator (Y, N).
Location: Client
Additional Information: The label font color for the GA Override Indicator field becomes red.
Condition: The Official Run Indicator field is blank.
Message: Please enter Official Run Indicator.
Location: Client
Additional Information: The label font color for the Official Run Indicator field becomes red.
Condition: The user enters a value other than ‘Y’ or ‘N’ in the Official Run Indicator field.
Message: Please enter valid Official Run Indicator (Y, N).
Location: Client
Additional Information: The label font color for

</td></tr>
</table>

Execute Report	
	the Official Run Indicator field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.15 Reasonability Annual Backup F2000 Parameter

Description	Allows a user to enter parameters for Reasonability Annual Backup F2000that will be generated using a stored procedure.
New or Existing	Existing
User Group (Screen Level)	NSLDS/Operations Partner
Requirements Traceability	2.162
Reference(s)	NSLDS II RDD: R-MBR-011
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, GA Code, Official Run Indicator, Run Date, Run Time, Back Up Data to GA Indicator, Paid in Full Activity Indicator, Interim Loans Activity Indicator

3.15.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	RsnbltyYrlyBkupF2000RptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)

Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. GA Code 6. Organization Search 7. Official Run Indicator 8. Run Date 9. Run Time 10. Back Up Data to GA Indicator 11. Paid in Full Activity Indicator 12. Interim Loans Activity Indicator 13. Execute Report 14. Cancel

3.15.2 Design Details

The following screenshot highlights the functionality of the Reasonability Annual Backup F2000 Parameter screen. The design of this screen may be subject to change among additional design considerations.

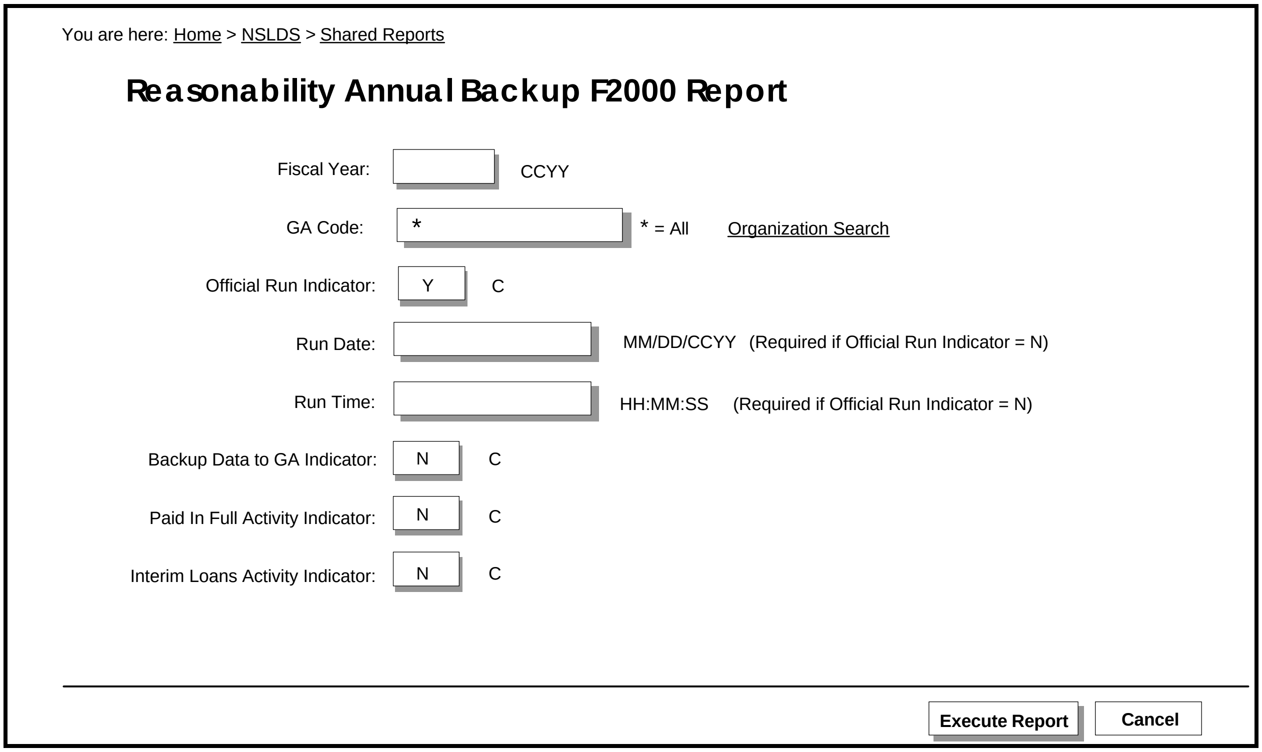

Figure 16, Reasonability Annual Backup F2000 Parameter

3.15.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition / Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

GA Code	
Element	Textbox
Definition / Business Rules	Allows a user to enter the identifier number for a GA. *Min Characters* – 1 *Max Characters* – 3 This field is populated with ‘*’ by default. The asterisk indicates that the report result set should not be limited by GA code. The entered GA code must be valid.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Code.
Validation	None.

Organization Search	
Element	Link
Definition/Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'Y' by default.
Actions to be performed	As the user enters the Official Run indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Official Run Indicator.
Validation	None.

Run Date	
Element	Textbox
Definition/Business Rules	Allows a user to indicate the run date. *Min Characters* – 10 *Max Characters* – 10 This field is required if the Official Run Indicator is 'N'. The entered run date must be in MM/DD/CCYY format.
Actions to be performed	As the user enters the Run Date, it is displayed in the textbox in editable format.

Run Date	
	On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Run Date.
Validation	None.

Run Time	
Element	Textbox
Definition / Business Rules	Allows a user to indicate the run date. *Min Characters* – 8 *Max Characters* – 8 This field is required if the Official Run Indicator is 'N'. The entered run time must be in HH:MM:SS format.
Actions to be performed	As the user enters the Run Time, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Run Time.
Validation	None.

Backup Data to GA Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report procedure extract file should be sent to the GA. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the backup data to GA indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Backup Data to GA Indicator.
Validation	None.

Paid in Full Activity Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report extract file should include paid in full activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the paid in full activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Paid in Full Activity Indicator.
Validation	None.

Interim Loans Activity Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether the report extract file should include interim loan activity. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the interim loan activity indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Interim Loans Activity Indicator.
Validation	None.

Execute Report	
Element	Pushbutton
Definition / Business Rules	Allows a user to submit the parameters for the Reasonability Annual Backup F2000 Report. The minimum information required includes: • Fiscal Year • Reporting Quarter

Execute Report	
	• GA Code • Official Run Indicator • Backup Data to GA Indicator • Cumulative Backup Indicator • Guaranty Activity Indicator • Cancellation Activity Indicator • Guaranty Transfer In Activity Indicator • Guaranty Transfer Out Activity Indicator • Insurance Claim Payment Activity Indicator • Insurance Claim Refund Activity Indicator • Repurchase Activity Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The GA Code field is blank. *Message:* Please enter GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not '*'. *Message:* Please enter valid GA Code. *Location:* Client

Execute Report	
	Additional Information: The label font color for the GA Code field becomes red. • *Condition:* The user enters an unrecognized GA code in the GA Code field. *Message:* Please enter valid GA Code. *Location:* Server *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The Official Run Indicator field is blank. *Message:* Please enter Official Run Indicator. *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Official Run Indicator field. *Message:* Please enter valid Official Run Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Date field should be populated with a value. *Message:* Please enter valid Run Date (MM/DD/CCYY). *Location:* Client *Additional Information:* The label font color for the Run Date Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Date field should be populated with a value format of MM/DD/CCYY. *Message:* Please enter valid Run Date (MM/DD/CCYY). *Location:* Client *Additional Information:* The label font color for the Run Date Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official

Execute Report	
	Run Indicator field, then the Run Time field should be populated with a value. *Message:* Please enter valid Run Date (HH:MM:SS). *Location:* Client *Additional Information:* The label font color for the Run Time Indicator field becomes red. • *Condition:* If the user enters 'N' in the Official Run Indicator field, then the Run Time field should be populated with a value format of HH:MM:SS. *Message:* Please enter valid Run Date (HH:MM:SS). *Location:* Client *Additional Information:* The label font color for the Run Time Indicator field becomes red. • *Condition:* The Backup Data to GA Indicator field is blank. *Message:* Please enter Backup Data to GA Indicator. *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Backup Data to GA Indicator field. *Message:* Please enter valid Backup Data to GA Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The Paid in Full Activity Indicator field is blank. *Message:* Please enter Paid in Full Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Paid in Full Activity Indicator field becomes red.

Execute Report	
	• *Condition:* The user enters a value other than 'Y' or 'N' in the Paid in Full Activity Indicator field. *Message:* Please enter valid Paid in Full Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Paid in Full Activity Indicator field becomes red. • *Condition:* The Interim Loans Activity Indicator field is blank. *Message:* Please enter Interim Loans Activity Indicator. *Location:* Client *Additional Information:* The label font color for the Interim Loans Activity Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Interim Loans Activity Indicator field. *Message:* Please enter valid Interim Loans Activity Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Interim Loans Activity Indicator field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.16 Federal Receivables Extract Report Parameter

Description	Allows a user to enter parameters for Federal Receivables Extract Report that will be generated using a stored procedure.
New or Existing	Existing
User Group	NSLDS/Operations Partner

(Screen Level)	
Requirements Traceability	2.162
Reference(s)	NSLDS II PDD: P-FDRC-1
Temporary Table Fields	User ID, Report ID, Report Request Timestamp, Fiscal Year, Reporting Quarter, GA Code, GA Override Indicator, Official Run Indicator, Back Up Data to GA Indicator

3.16.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	FedRecRptParm.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • MicroStrategy Shared Reports (Link: Shared Reports)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home) • MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Fiscal Year 5. Reporting Quarter 6. GA Code 7. Organization Search 8. GA Override Indicator 9. Official Run Indicator 10. Back Up Data to GA Indicator 11. Execute Report 12. Cancel

3.16.2 Design Details

The following screenshot highlights the functionality of the Federal Receivables Extract Report Parameter screen. The design of this screen may be subject to change among additional design considerations.

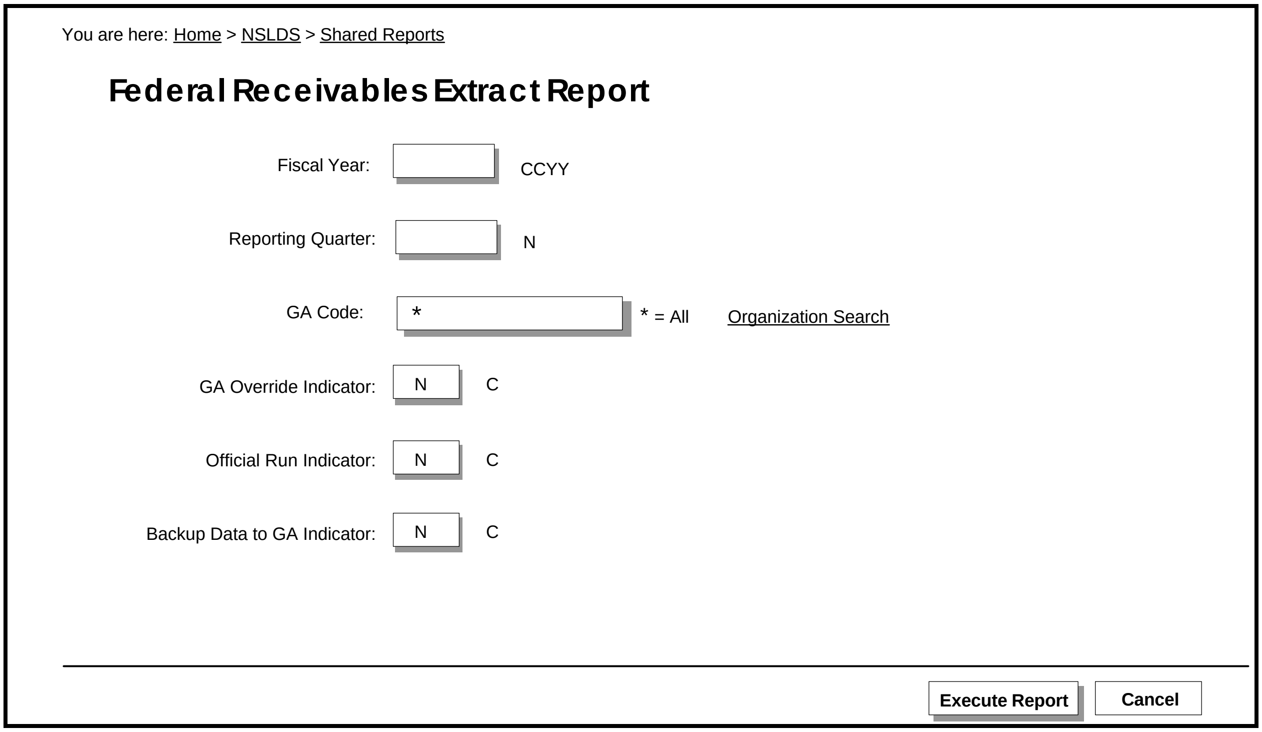

Figure 17, Federal Receivables Extract Report Parameter

3.16.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition / Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Fiscal Year	
Element	Textbox
Definition / Business Rules	Allows a user to enter the fiscal year. *Min Characters* – 4 *Max Characters* – 4 The entered fiscal year must be in CCYY format.
Actions to be performed	As the user enters the fiscal year, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Fiscal Year.
Validation	None.

Reporting Quarter	
Element	Textbox
Definition / Business Rules	Allows a user to enter the reporting quarter. *Min Characters* – 1 *Max Characters* - 1
Actions to be performed	As the user enters the reporting quarter, it is displayed in the textbox in editable format. On Enter

Reporting Quarter	
	Execute Report pushbutton is enacted.
Temporary Table Field	Reporting Quarter.
Validation	None.

GA Code	
Element	Textbox
Definition / Business Rules	Allows a user to enter the identifier number for a GA. *Min Characters* – 1 *Max Characters* – 3 This field is populated with '*' by default. The asterisk indicates that the report result set should not be limited by GA code. The entered GA code must be valid.
Actions to be performed	As the user enters the GA code, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Code.
Validation	None.

Organization Search	
Element	Link
Definition / Business Rules	Allows a user to search for the appropriate GA and corresponding GA ID. The user should be able to locate the appropriate GA ID using any of the following information: GA name, GA ID, GA city, or GA state.
Actions to be performed	When clicked, the Organization Search screen appears.
Temporary Table Field	None.
Validation	None.

GA Override Indicator	
Element	Textbox
Definition / Business Rules	Allows a user to indicate whether to override inactive GAs. *Min Characters* – 1

GA Override Indicator	
	Max Characters – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the GA override indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	GA Override Indicator.
Validation	None.

Official Run Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure is an official run. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the official run indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Official Run Indicator.
Validation	None.

Backup Data to GA Indicator	
Element	Textbox
Definition/Business Rules	Allows a user to indicate whether the report procedure extract file should be sent to the GA. *Min Characters* – 1 *Max Characters* – 1 This field is populated with 'N' by default.
Actions to be performed	As the user enters the backup data to GA indicator, it is displayed in the textbox in editable format. On Enter Execute Report pushbutton is enacted.
Temporary Table Field	Backup Data to GA Indicator.

Backup Data to GA Indicator	
Validation	None.

Execute Report	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit the parameters for the Loan Process and Issuance Fee Extract Report. The minimum information required includes: • Fiscal Year • Reporting Quarter • GA Code • GA Override Indicator • Official Run Indicator • Backup Data to GA Indicator
Actions to be performed	By clicking on the pushbutton, validation is performed. If there are no errors the user is directed to the Report Parameters Successfully Submitted screen with a message that the submission of the report parameters has been performed successfully. If there are errors, the appropriate error message is displayed.
Temporary Table Field	None.
Validation	• *Condition:* The Fiscal Year field is blank. *Message:* Please enter Fiscal Year. *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The user enters less than four characters in the Fiscal Year field. *Message:* Please enter valid fiscal year (CCYY). *Location:* Client *Additional Information:* The label font color for the Fiscal Year field becomes red. • *Condition:* The Reporting Quarter field is blank. *Message:* Please enter Reporting Quarter. *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red.

Execute Report	
	• *Condition:* The user enters a value other than '1', '2', '3', or '4' in the Reporting Quarter field. *Message:* Please enter valid reporting quarter (1, 2, 3, 4). *Location:* Client *Additional Information:* The label font color for the Reporting Quarter field becomes red. • *Condition:* The GA Code field is blank. *Message:* Please enter GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters a GA code that is not three characters in the GA Code field and the GA Code field is not '*'. *Message:* Please enter valid GA Code. *Location:* Client *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The user enters an unrecognized GA code in the GA Code field. *Message:* Please enter valid GA Code. *Location:* Server *Additional Information:* The label font color for the GA Code field becomes red. • *Condition:* The GA Override Indicator field is blank. *Message:* Please enter GA Override Indicator. *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the GA Override Indicator field. *Message:* Please enter valid GA Override Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the GA Override Indicator field becomes red.

Execute Report	
	• *Condition:* The Official Run Indicator field is blank. *Message:* Please enter Official Run Indicator. *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Official Run Indicator field. *Message:* Please enter valid Official Run Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Official Run Indicator field becomes red. • *Condition:* The Backup Data to GA Indicator field is blank. *Message:* Please enter Backup Data to GA Indicator. *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red. • *Condition:* The user enters a value other than 'Y' or 'N' in the Backup Data to GA Indicator field. *Message:* Please enter valid Backup Data to GA Indicator (Y, N). *Location:* Client *Additional Information:* The label font color for the Backup Data to GA Indicator field becomes red.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to cancel the report parameters.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.17 Organization Search

Description	Allows a user to search for an organization code using organization name, ID, city, and state.
New or Existing	Existing
User Group (Screen Level)	ED
Requirements Traceability	2.162
Reference(s)	None
Temporary Table Fields	None

3.17.1 Software Unit Logic

NSLDS I File Name:	Orgpopup.ASP
NSLDS II File Name:	OrgSearch.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • School Repayment Loan Detail Report Parameter (ED) (Link: Organization Search) • Cohort Default Rate History Report Parameter (Link: Organization Search) • DMD Cohort Default Rate History Report Parameter (Link: Organization Search) • FPPS Cohort Default Rate History Report Parameter (Link: Organization Search) • Reasonability Quarterly Form 2000 Report Parameter (Link: Organization Search) • Accounts Maintenance Fee Extract Report Parameter (Link: Organization Search) • Loan Processing and Issuance Fee Report Parameter (Link: Organization Search) • Reasonability Quarterly Backup F2000 Report Parameter (Link: Organization Search) • Reasonability Yearly Form 2000 Report Parameter (Link: Organization Search) • Reasonability Annual Backup F2000 Report Parameter (Link: Organization Search) • Federal Receivables Extract Report Parameter (Link: Organization Search)

Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • School Repayment Loan Detail Report Parameter (ED) (Pushbutton: Execute Report) • Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • DMD Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • FPPS Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • Reasonability Quarterly Form 2000 Report Parameter (Pushbutton: Execute Report) • Accounts Maintenance Fee Extract Report Parameter (Pushbutton: Execute Report) • Loan Processing and Issuance Fee Report Parameter (Pushbutton: Execute Report) • Reasonability Quarterly Backup F2000 Report Parameter (Pushbutton: Execute Report) • Reasonability Yearly Form 2000 Report Parameter (Pushbutton: Execute Report) • Reasonability Annual Backup F2000 Report Parameter (Pushbutton: Execute Report) • Federal Receivables Extract Report Parameter (Pushbutton: Execute Report)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. Organization Type 2. Organization Name 3. Organization Code 4. Organization City 5. Organization State 6. Submit 7. Clear 8. Cancel 9. Organization Table 10. 1 (Example) 11. Name 12. Code

3.17.2 Design Details

The following screenshot highlights the functionality of the Organization Search screen. The design of this screen may be subject to change among additional design considerations.

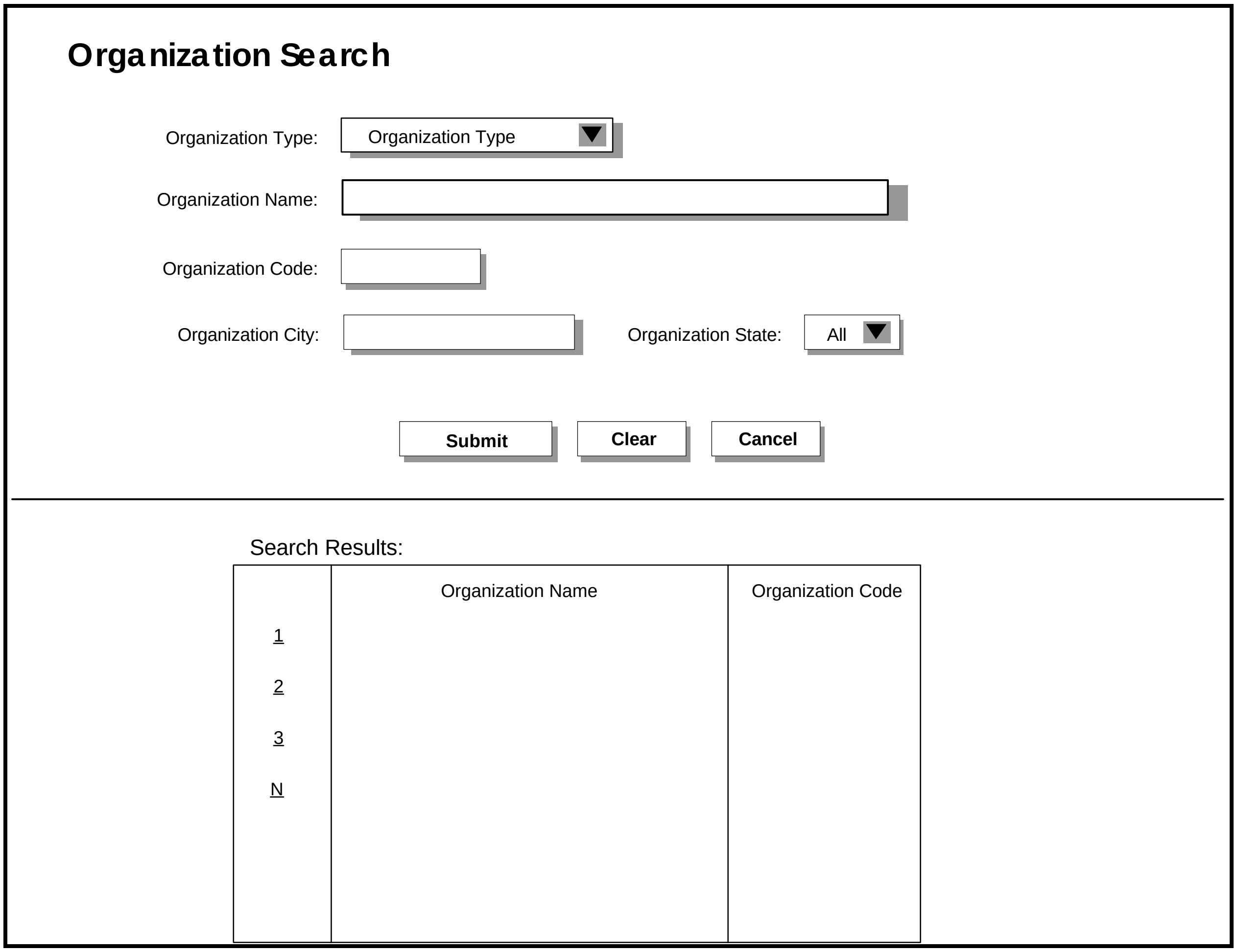

Figure 18, Organization Search

3.17.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

Organization Type	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the organization type. The user will have the following options

Organization Type	
	available: School, Lender, and Guaranty Agency. The 'School' option populates the Organization Type field by default.
Actions to be performed	As the user selects School, Lender, or Guaranty Agency, it appears in the Loan Selection dropdown box. On Enter Submit pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization Name	
Element	Textbox
Definition / Business Rules	Allows a user to enter the organization name. *Min Characters* – 0 *Max Characters* - 45
Actions to be performed	As the user enters the Organization Name, it is displayed in the textbox in editable format. On Enter Submit pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization Code	
Element	Textbox
Definition / Business Rules	Allows a user to enter the organization code. *Min Characters* – 0 *Max Characters* - 10
Actions to be performed	As the user enters the Organization Code, it is displayed in the textbox in editable format. On Enter Submit pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization City	
Element	Textbox
Definition / Business Rules	Allows a user to enter the organization code.

Organization City	
	Min Characters – 0 *Max Characters* - 45
Actions to be performed	As the user enters the Organization City, it is displayed in the textbox in editable format. On Enter Submit pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Organization State	
Element	Dropdown
Definition/Business Rules	Allows a user to designate the organization state. The user will have the following options available: All, FC (foreign country), and (all 50 state abbreviations). The 'All' option populates the Organization State by default.
Actions to be performed	As the user selects the Organization State, it appears in the Organization State dropdown box. On Enter Submit pushbutton is enacted.
Temporary Table Field	None.
Validation	None.

Submit	
Element	Pushbutton
Definition/Business Rules	Allows a user to submit organization search request.
Actions to be performed	By clicking the Submit pushbutton, the group that meets the entered criteria displays on the screen below the submit button.
Temporary Table Field	None.
Validation	• *Condition:* The user enters a city but does not select a state. The Organization State field displays 'All'. *Message:* Please select a state when searching by city. *Location:* Server *Additional Information:* The label font color for the State field becomes red. • *Condition:* The user has not selected an

Submit	
	organization type for the Organization Type field. *Message:* Please select an organization type. *Location:* Client *Additional Information:* The label font color for the Organization Type field becomes red.

Clear	
Element	Pushbutton
Definition/Business Rules	Allows a user to refresh the Organization Screen.
Actions to be performed	By clicking the Clear pushbutton, the Organization Screen is refreshed and returned to defaulted state (i.e., 'School' for Organization Type field, no text in Organization Name field, no text in Organization Code field, no text in Organization City field, and 'All' for Organization State field).
Temporary Table Field	None.
Validation	None.

Cancel	
Element	Pushbutton
Definition/Business Rules	Allows a user to return to the original parameter screen.
Actions to be performed	By clicking the Cancel pushbutton, the appropriate report parameter screen is displayed.
Temporary Table Field	None.
Validation	None.

Organization Table	
Element	Table
Definition/Business Rules	Displays the Organization Name and Code that meet the entered search criteria. *Sort Order* - Name, Code
Actions to be performed	None
Temporary Table Field	None.
Validation	None.

1 (Example)	
Element	Link
Definition / Business Rules	Allows a user to select the row containing the appropriate organization information.
Actions to be performed	When the Organization Code is clicked, the Organization Search page closes. The Organization Code field of the appropriate parameter page is populated with the selected code.
Temporary Table Field	None.
Validation	None.

Name	
Element	Label
Definition / Business Rules	Displays the name of the organization. Thirty organizations will display on the screen at a time. To navigate to the next set of organizations, click on the down arrow image.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

Code	
Element	Label
Definition / Business Rules	Displays the code of the organization.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

3.18 Successful Parameter Submission

Description	Notifies a user that the parameters they entered in the appropriate parameter screen have been successfully submitted to the database.
New or Existing	New
User Group (Screen Level)	All (ED, Schools, GAs, Lenders)
Requirements Traceability	2.162
Reference(s)	None
Temporary Table Fields	None

3.18.1 Software Unit Logic

NSLDS I File Name:	Reppara.ASP
NSLDS II File Name:	PmtrSubmiss.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • School Repayment Loan Detail Report Parameter (ED) (Pushbutton: Execute Report) • School Repayment Loan Detail Report Parameter (Schools) (Pushbutton: Execute Report) • Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • DMD Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • FPPS Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • School Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • GA Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • Lender Cohort Default Rate History Report Parameter (Pushbutton: Execute Report) • Financial Aid History Report Parameter (Pushbutton: Execute Report) • Reasonability Quarterly Form 202 Report Parameter (Pushbutton: Execute Report) • Accounts Maintenance Fee Extract Report Parameter (Pushbutton: Execute Report) • Loan Processing and Issuance Fee Report Parameter (Pushbutton: Execute Report) • Reasonability Quarterly Backup F2000 Report Parameter (Pushbutton: Execute Report) • Reasonability Yearly Form 2000 Report Parameter (Pushbutton: Execute Report) • Reasonability Annual Backup F2000 Report Parameter (Pushbutton: Execute Report) • Federal Receivables Extract Report Parameter (Pushbutton: Execute Report)
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • MicroStrategy Home (Link: Home)

	• MicroStrategy NSLDS (Link: NSLDS) • MicroStrategy Shared Reports (Link: Shared Reports)
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. MicroStrategy Home 2. MicroStrategy NSLDS 3. MicroStrategy Shared Reports 4. Successful Submission 5. Shared Reports

3.18.2 Design Details

The following screenshot highlights the functionality of the Organization Search screen. The design of this screen may be subject to change among additional design considerations.

You are here: Home > NSLDS > Shared Reports

The report parameters have been successfully submitted. When the report result set has been generated, it will appear in the Exception Report Download portion of the History List page as a file available to be downloaded.

Return to Shared Reports.

Figure 19, Successful Parameter Submission

3.18.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

MicroStrategy Home	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Home screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Home screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy NSLDS	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy NSLDS screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy NSLDS screen.
Temporary Table Field	None.
Validation	None.

MicroStrategy Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate to the MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

Successful Submission	
Element	Label
Definition/Business Rules	Notifies a user that report parameters were successfully submitted.
Actions to be performed	None.
Temporary Table Field	None.
Validation	None.

Shared Reports	
Element	Link
Definition/Business Rules	Allows a user to navigate back to the

Shared Reports	
	MicroStrategy Shared Reports screen.
Actions to be performed	When clicked, the user is navigated to the MicroStrategy Shared Reports screen.
Temporary Table Field	None.
Validation	None.

3.19 Report History List

Description	Allows a user to access report result sets that have been generated by either MicroStrategy or by a stored procedure.
New or Existing	New
User Group (Screen Level)	ED, Schools, GAs, Lenders
Requirements Traceability	2.162
Reference(s)	None
Temporary Table Fields	None

3.19.1 Software Unit Logic

NSLDS I File Name:	None
NSLDS II File Name:	RptHist.asp
Pre-Status:	This screen is accessible from the following screens (depending on user access privileges): • CancelRequest.asp • CommonDeclarations.asp • compReport.asp • Desktop.asp • GenericHeader.asp • Report.asp • StartPages.xml • Summary.asp • Wait.asp • _toolbar_historyList.asp • CommonHeaderCuLib.asp • InboxCuLib.asp • MenuGUICuLib.asp • OptionsCuLib.asp

	• StartPageCuLib.asp • WrongURLCuLib.asp MicroStrategy Support provided this list of pages. It was created by conducting a text search on the MicroStrategy directory to identify pages that should be considered when making changes to redirect to a new history list page. Please note that this list may not include all of the files that need to be redirected.
Post-Status:	This screen allows a user to navigate to any of the following screens (depending on user access privileges): • TBD
Gif Name:	The following graphical objects may appear on this screen: • None
Tab Order	1. Available File for Download 2. Save As 3. Save As Window 4. Save

3.19.2 Design Details

The following screenshot highlights the functionality of the History List screen. The design of this screen may be subject to change among additional design considerations. The design of this screen builds from the existing functionality of the in-the-box History List screen in MicroStrategy. The code for the existing functionality will be copied to create the top portion of the new History List page. Figure 20 illustrates the top portion of this page. Figure 21 illustrates the new functionality that will be built for the bottom portion of the History List page.

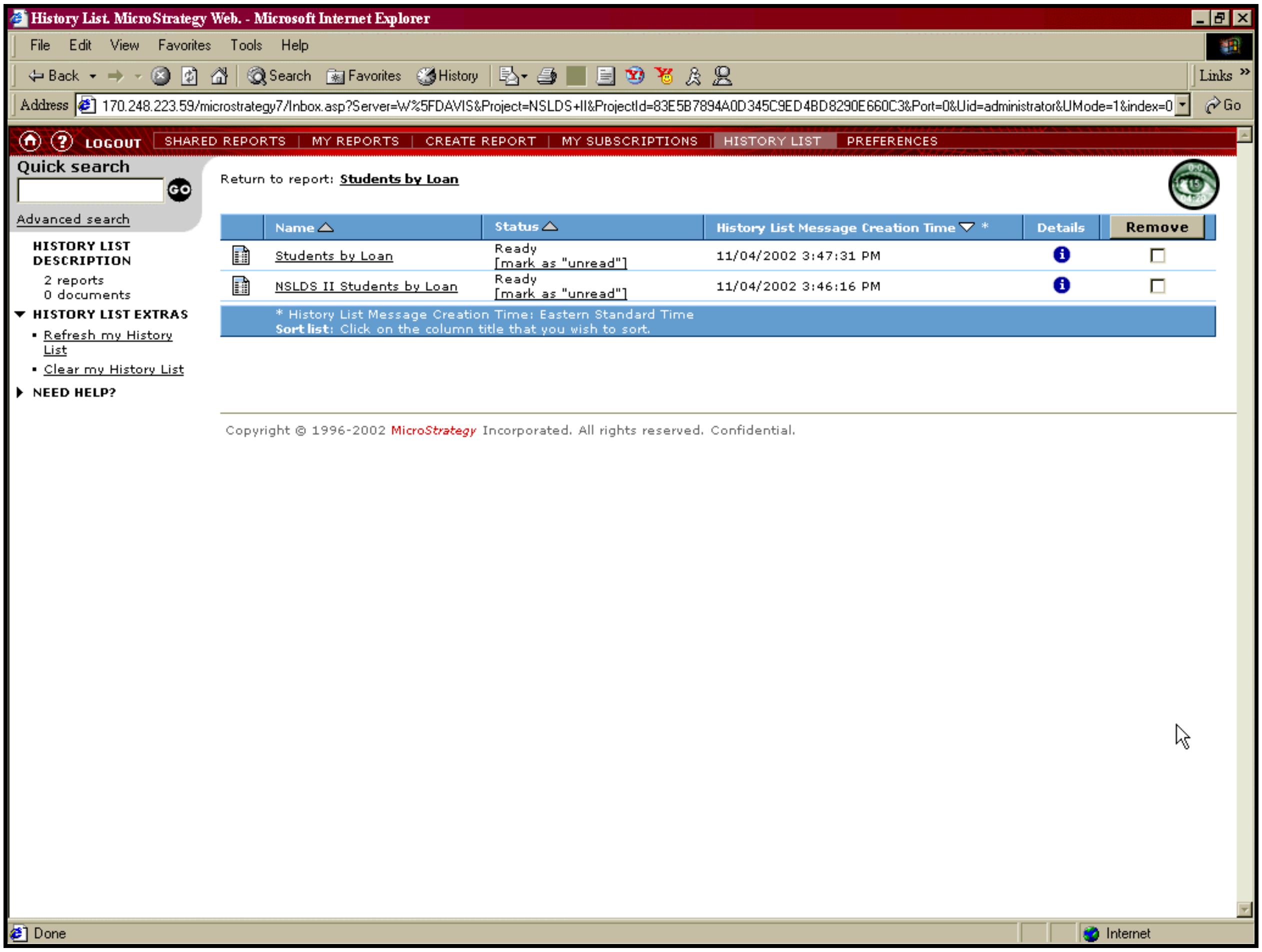

Figure 20, History List Top Portion

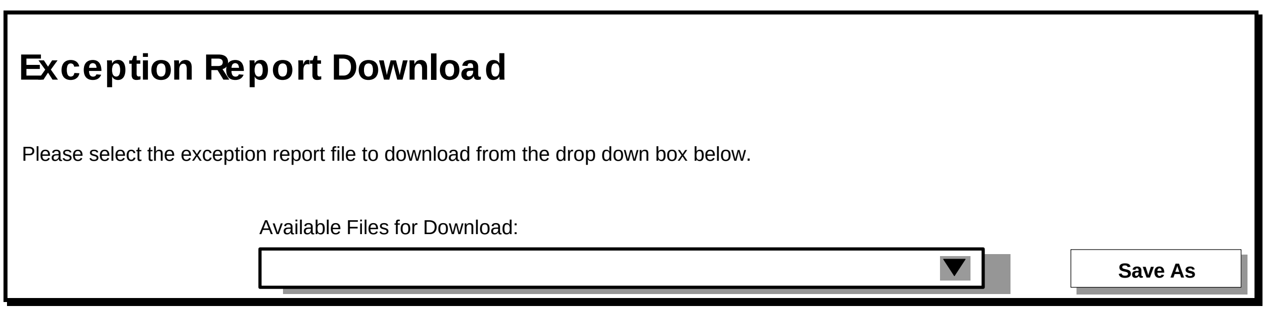

Figure 21, History List Bottom Portion

3.19.3 Screen Functionality

The following section describes each object on the screen and the functionality behind the object.

Available Files for Download	
Element	Dropdown
Definition/Business Rules	Allows a user to select the report file that they

Available Files for Download	
	want to download. Only files to which the user has requested and have been generated should appear in this dropdown box. The user can only download one file at a time.
Actions to be performed	As the user selects the appropriate file, it is highlighted.
Temporary Table Field	None.
Validation	None.

Save As	
Element	Button
Definition/Business Rules	Initiates the file download process.
Actions to be performed	When clicked, a Save As window with the user's directory structure appears.
Temporary Table Field	None.
Validation	• *Condition:* The user has not selected a file to be downloaded. *Message:* Please click on and highlight the file that is ready to be downloaded. *Location:* Client *Additional Information:* The label font color for the Available Files for Download field becomes red.

Save As Window	
Element	Popup Box
Definition/Business Rules	Allows a user to indicate the destination directory for the downloaded file. The user should be able to save the downloaded file to either a personal directory or a shared directory. The user can rename the name of the downloaded file before clicking the Save button of the Save As window.
Actions to be performed	When Save As pushbutton is clicked, the user is navigated to the Save As window.
Temporary Table Field	None.
Validation	None.

Save	
Element	Pushbutton
Definition/Business Rules	Allows a user to save the file to the indicated directory folder.
Actions to be performed	When Save pushbutton is clicked, the file is saved to the indicated directory folder. The Save As window closes. The user must select a directory folder. The file name field must be populated.
Temporary Table Field	None.
Validation	• *Condition:* The user has not selected a directory folder. *Message:* Please select directory folder. *Location:* Client *Additional Information:* None. • *Condition:* The file name field is empty. *Message:* Please enter file name for downloaded file. *Location:* Client *Additional Information:* None.