



TO 116 – eZ-Audit

Deliverable 116.1.2:

Application (Code) Delivery – Assembly Tested Modules

December 20, 2002



Agenda

- Objectives
- eZ-Audit End-to-End Timeline
- Application Development Status
- Deliverable 116.1.2 Application (Code) Delivery
- Demo – Assembly Tested Modules
- What's Next

Development Checkpoint Objectives



- What is a Development Checkpoint ...
 - A Measure of the progress of software development activities
 - A review of the project workplan – assessing project completeness (in percentage) vs. those tasks planned for completion.
 - 100% = task is complete
 - 50% = task is in progress
 - 0% = task is yet to be started.
 - A validation/demonstration of the developed modules
 - Ensure that the modules that have been developed in accordance with the approved requirements and designs.
 - A demonstration of these unit tested modules will be provided.

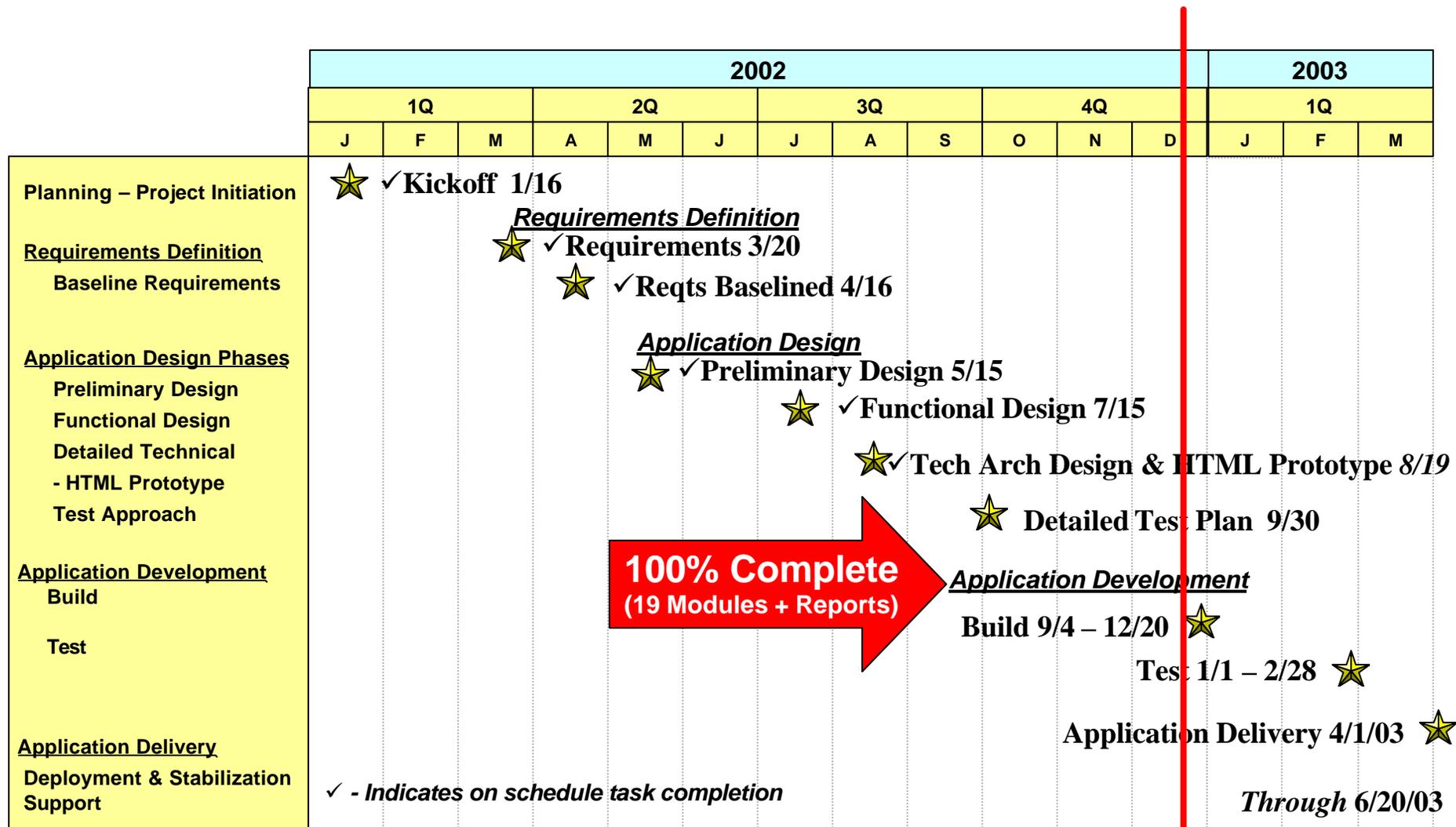


Possible Development Checkpoint Distractions

- A Development Checkpoint is Not ...
 - A User Acceptance Test (UAT)
 - Since the project is still in the development phase, the modules that are being demonstrated may not be in the final release form.
 - These modules have been unit tested by the developer but not system tested/validated by our test team.
 - A Design Review Session
 - While we are likely to identify feature enhancements during this checkpoint, please realize that this is not the purpose of this exercise. We will make note of potential enhancements and record them for future release implementation.
 - Checkpoint software is built to approved requirements and their associated designs (Use Cases).



eZ-Audit End-to-End Timeline (as of Dec 20, 2002)





Application Development Status (as of Dec 20, 2002)

- ✓ Application Design (JSP, Business Components)
- ✓ Application Framework (Strut, XML Config, Generator Class)
- ✓ Application Build and Unit Test (All 19 Modules are **100%** complete)

- ✓ **Checkpoint #1 (10/1)**

- ✓ Login/Logout

- ✓ **Checkpoint #2 (11/12)**

- ✓ Institution Home
- ✓ Annual Submission
- ✓ Additional Information
- ✓ Change In FY End
- ✓ Screener Submission
- ✓ Co-Team Lead Home Page
- ✓ Annual/Stub Resolution
- ✓ Manage Users

- ✓ **Assembly Test (100% Complete)**

- ✓ **Checkpoint #4 (12/20)**

- ✓ Assembly Tested Application
- ✓ Reports

- **Checkpoint #3 (12/10)**

- ✓ Search
- ✓ Upload FAD
- ✓ Upload PADL
- ✓ Create ACD
- ✓ Create DDIF
- ✓ Add Auditor Information
- ✓ Correspondence Log
- ✓ Financial Worksheet
- ✓ Create Determination
- ✓ Waivers



Deliverable 116.1.2 Application (Code) Delivery

- eZ-Audit Application (Code)
 - Unit Tested and Assembly Tested Application Code
 - Unit Test and Assembly Test Results
 - Preliminary 508 Compliant Test Results

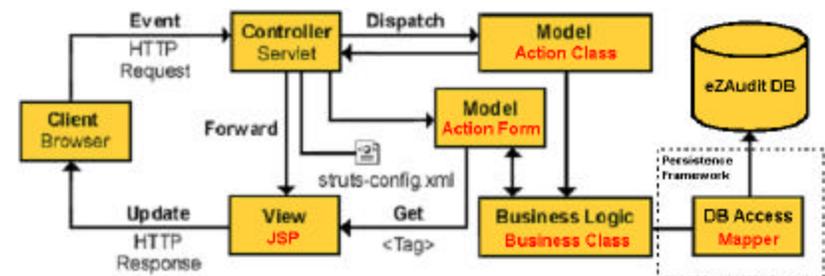
- Test Plan
 - Scenario Summary
 - Requirements Traceability Matrix
 - Test Scenarios
 - UAT Plan
 - Test Calendar

Listing of eZ-Audit Application Modules

Module	Pages Created (JSP's, Action Forms, Action Classes)	Business Components (Java Classes)
Login/Logout	<ul style="list-style-type: none"> Login Logout My Profile Change Password 	<ul style="list-style-type: none"> User
Institution Home	<ul style="list-style-type: none"> Institution Profile View Historical Submissions Institution Home 	<ul style="list-style-type: none"> Institution
Additional Information	<ul style="list-style-type: none"> Additional Info 	<ul style="list-style-type: none"> Upload

Note:

- JSP – Display Data
- Action Class – Control Page State
- Action Form – Hold Data
- Business Component (Java Class) – Calculations and DB access
- Data Mapper – Data Retrieval



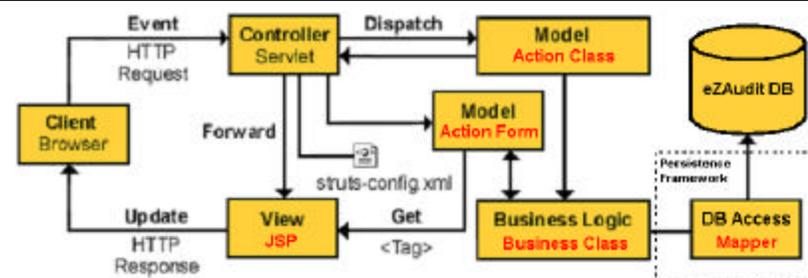


Listing of eZ-Audit Application Modules ...

Module	Pages Created (JSP's, Action Forms, Action Classes)	Business Components (Java Classes)
Annual Submission	<ul style="list-style-type: none"> Balance Sheet Income Statement Cash Flow Statement Statement of Activities Financial Statement Info Program Audit Info Checklist Upload Submit 	<ul style="list-style-type: none"> Balance Sheet Income Statement Cash Flow Statement Financial Statement Submission Checklist Upload
Change in FY End	<ul style="list-style-type: none"> Change FY End Co-Team Lead Home 	<ul style="list-style-type: none"> Submission Workflow
Screener Submission	<ul style="list-style-type: none"> Code Findings Screener Home 	<ul style="list-style-type: none"> Findings

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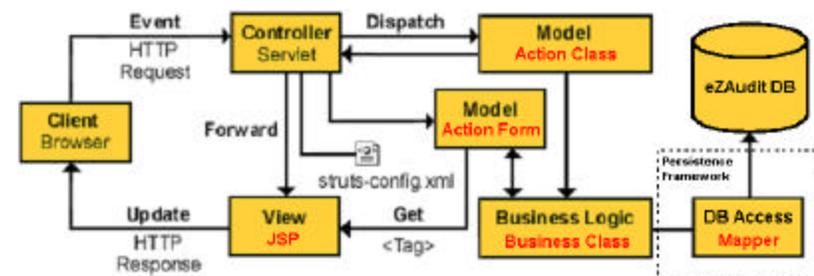


Listing of eZ-Audit Application Modules ...

Module	Pages Created (JSP's, Action Forms, Action Classes)	Business Components (Java Classes)
Co-Team Lead Home Page	<ul style="list-style-type: none"> Team Queue 	None
Annual/ Stub Resolution	<ul style="list-style-type: none"> Send To Co-Team Notes 	<ul style="list-style-type: none"> Notes
Manage Users	<ul style="list-style-type: none"> Ed Admin Home User List Delete User Add User Update Profile 	<ul style="list-style-type: none"> User
Search	<ul style="list-style-type: none"> Search Resolution User Home 	<ul style="list-style-type: none"> Search

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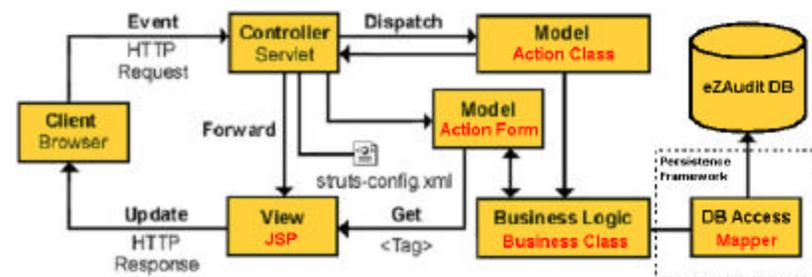


Listing of eZ-Audit Application Modules ...

Module	Pages Created (JSP's, Action Forms, Action Classes)	Business Components (Java Classes)
Upload FAD	<ul style="list-style-type: none"> Upload FAD 	<ul style="list-style-type: none"> Upload
Upload PADL	<ul style="list-style-type: none"> Upload PADL 	<ul style="list-style-type: none"> Upload
Create ACD	<ul style="list-style-type: none"> Create ACD Generated ACD 	<ul style="list-style-type: none"> ACD
Create DDIF	<ul style="list-style-type: none"> Create DDIF Generated DDIF 	<ul style="list-style-type: none"> DDIF
Add Auditor Information	<ul style="list-style-type: none"> Auditor Info (125, 126) Submission Summary 	<ul style="list-style-type: none"> Correspondence Log Workflow

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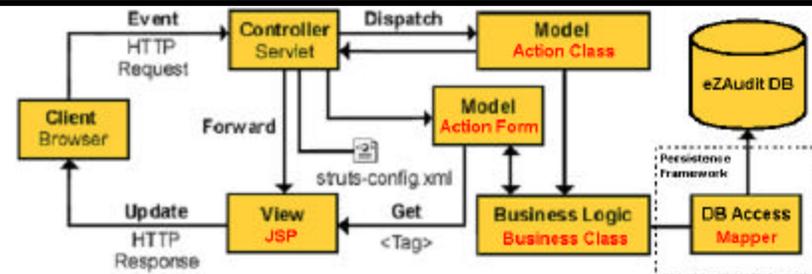


Listing of eZ-Audit Application Modules ...

Module	Pages Created (JSP's, Action Forms, Action Classes)	Business Components (Java Classes)
Correspondence Log	<ul style="list-style-type: none"> Correspondence Log 	<ul style="list-style-type: none"> Correspondence Log
Financial Worksheet	<ul style="list-style-type: none"> For Profit 668.15 For Profit 668.171 Non Profit 668.15 Non Profit 668.171 Choose Worksheet 	<ul style="list-style-type: none"> Worksheet 668.15 Worksheet 668.171
Create Determination	<ul style="list-style-type: none"> Choose Determination 	<ul style="list-style-type: none"> Correspondence Log Upload
Exemptions/ Waivers	<ul style="list-style-type: none"> Waiver Request Waiver Resolution 	<ul style="list-style-type: none"> Institution Submission

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Listing of eZ-Audit Application Modules ...

Module	Reports Created
MicroStrategy Reports	<ul style="list-style-type: none">▪ Report 01 – Closeout Audit▪ Report 02 – Correspondence▪ Report 03 – Completed Audits▪ Report 04 – In-Process Audits▪ Report 05 – Compliance Audits Summary▪ Report 06 – In-Process Flagged Financial Statements▪ Report 07 – Completed Flagged Financial Statements▪ Report 08 – Financial Statements Summary▪ Report 09 – Zone▪ Report 10 – LOC▪ Report 11 – Delinquency/ Missing▪ Report 12 – Reminder▪ Report 13 – School Group▪ Report 14 – Executive Summary for All Submissions

Assembly Tested Modules - Demo Scenario

- Institution Submission Functionality

1. Institution User

- Create Annual Submission
- Submit to ED

- CASE Resolution Functionality

2. FSA Co-Team Leader

- Assign Compliance Audit and Financial Statement to Case

3. FSA Financial Analyst

- Calculate Scores/Ratios
- Create Determination
- Send to Co-Team Leader

4. FSA Audit Resolution Specialist

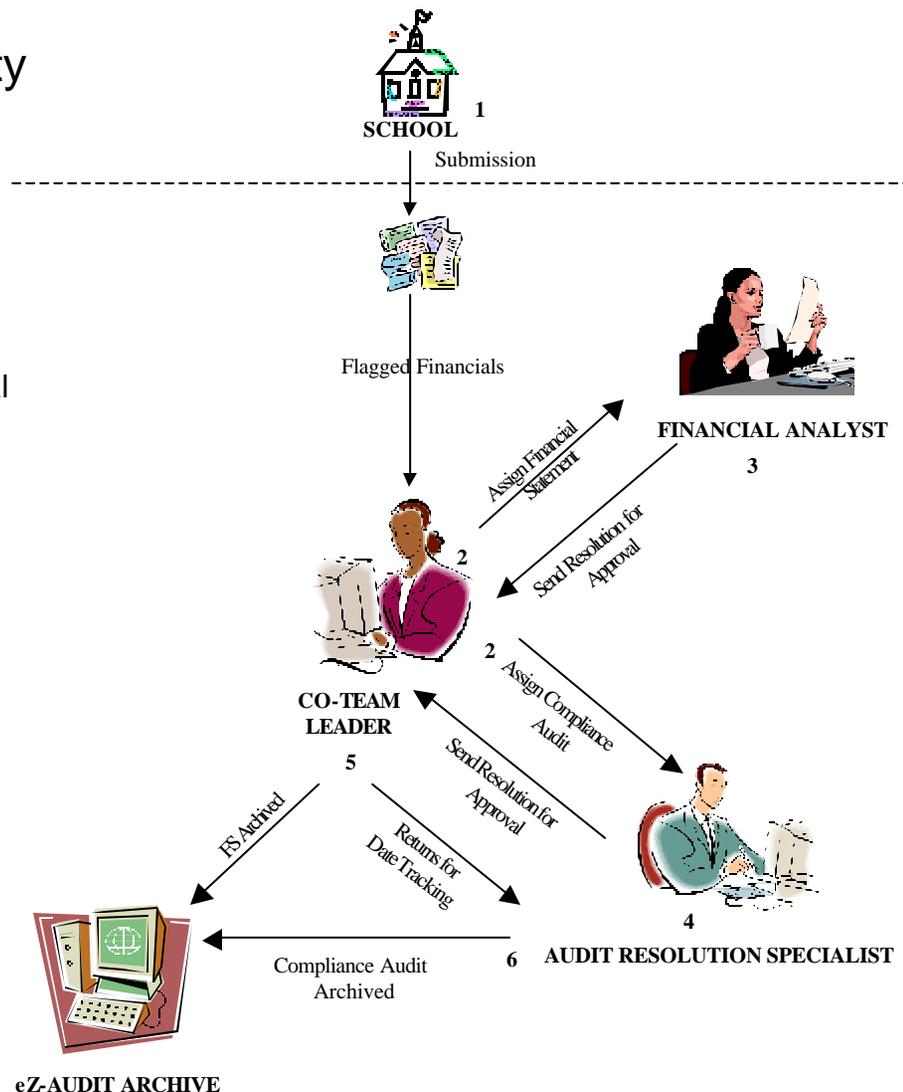
- Complete PADL, FAD, ACD, DDIF
- Send to Co-Team Leader

5. FSA Co-Team Leader

- Review Resolution Packages
- Approve Resolution Packages

6. FSA Audit Resolution Specialist

- Record final FAD Date
- Archive Submission



What's Next



Activities	Dates
System Test (3 Runs)	January 2 – January 31, 2003
SIR Fixes from System Test	January 2 – February 7
Pre-UAT Regression Test	February 10 – February 14
UAT <ul style="list-style-type: none"> ▪ Institution Users ▪ Case Team Members 	February 17 – February 28 February 18 – February 20 February 25 – February 27
Performance Test and Technical Architecture Tuning	February 17 – March 14
Final Fixes and Port-UAT Regression Test	March 3 – March 14
Production Readiness Review (PRR)	March 17
Training	March 17 – April 11
Code Freeze/ Production Data Load	March 17 – March 31
Stabilization Support - 12 weeks	April 1 – June 20