

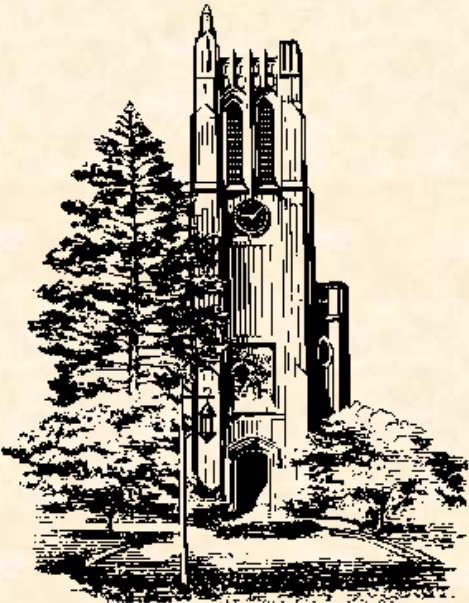
Technical Specification / Schedule Education and Training Web Portal via Web Services

Team 2: Auto Owners
CSE 498, Collaborative Design

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Project Overview

- **Problem:** When employees register for certification exams, the information is manually entered into a database.
- **Solution:** Create a Website Portal that will automate the process.
- Employees will be able to register for their own classes and see their progress.
- Managers and the Education and Training department will be able to view progress of employees.



Architecture Components

- Hardware Platforms
 - none
- Software Platforms / Technologies
 - Microsoft SQL Server 2000
 - Both live and test environments
 - Web Services
 - Use XML as a universal language to transmit structured data that will be independent of software and hardware platforms



Architecture Risks

- SSL Security
- Web Services via XML



Back End Specifications

- Login
 - Windows environment variables to initially log user in
 - Used to gather first and last name
- XML
 - All data will be secured using an SSL certificate
- User Information
 - First and last name gathered using the information from the Login page
- Drop Down Menus
 - The first menu will display the exam category; once this is selected a list of exam numbers will be available through a separate menu option. Another menu option will allow you to select where the associate would like to take the exam and another for the date of the exam. The information will be extracted from the various tables in the Education and Training database.

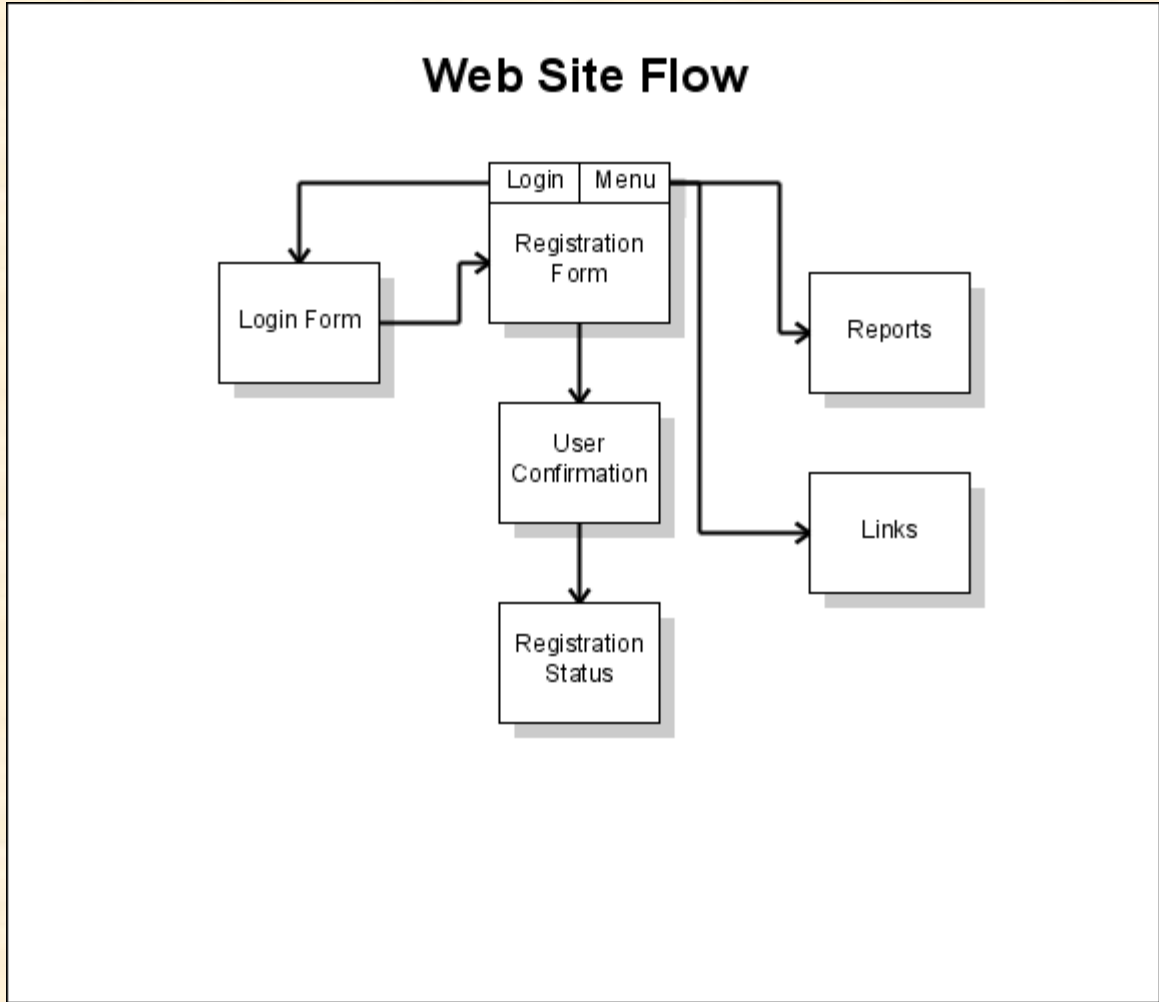
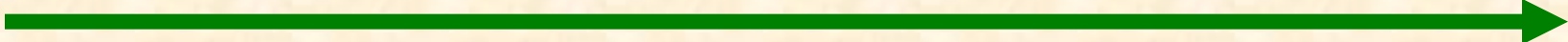


Back End Specifications cont

- Reports
 - Display all of the exams the user has attempted
- XML Web Services
 - When the associate submits their information not only will they be registered in the Education and Training database but their information will also be sent to the institutes. SSL will be used to ensure the security of the data.

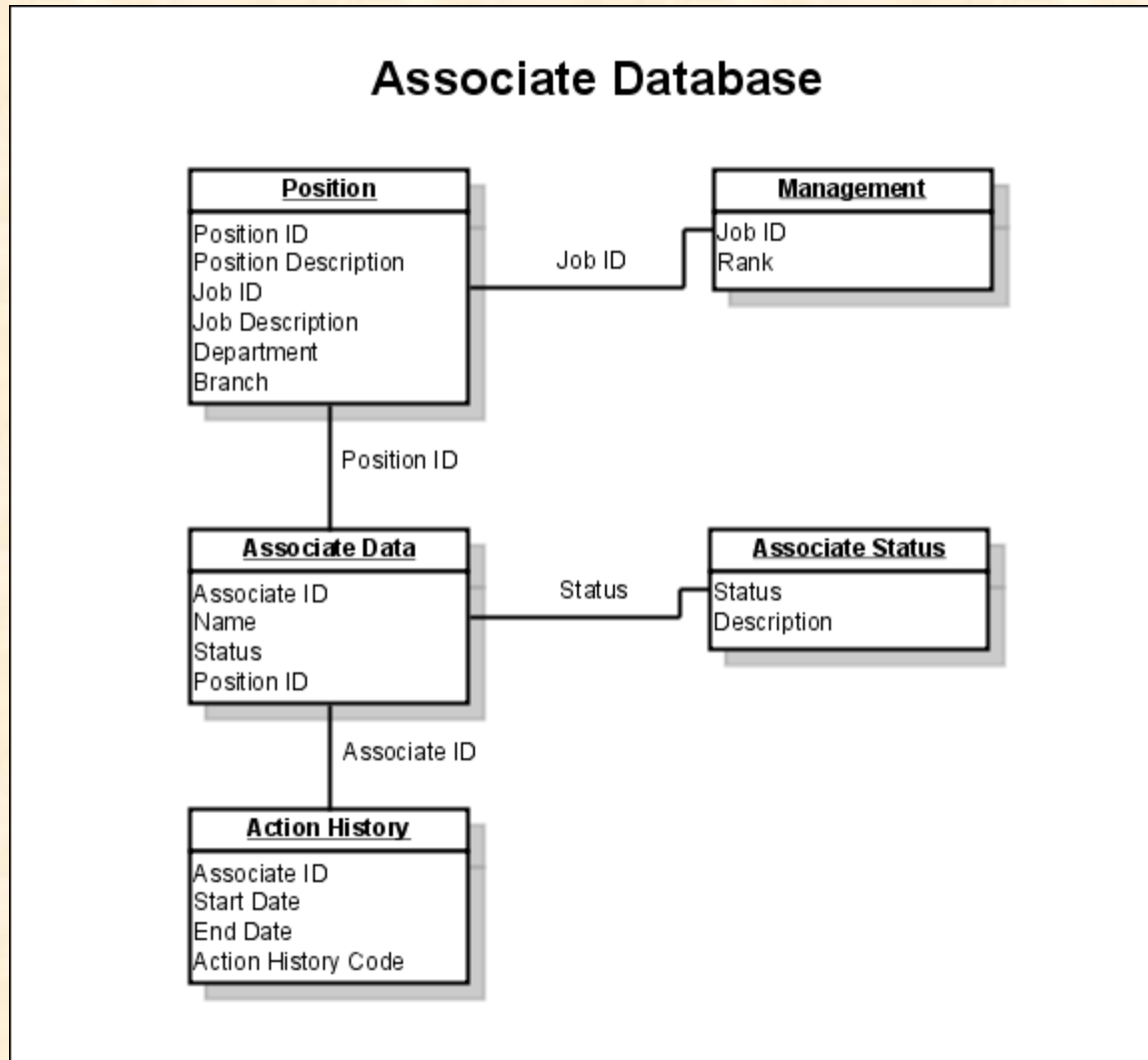
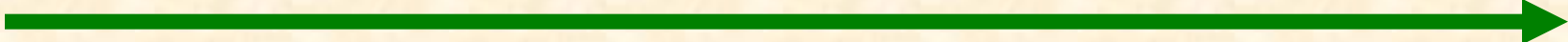


Design Overview



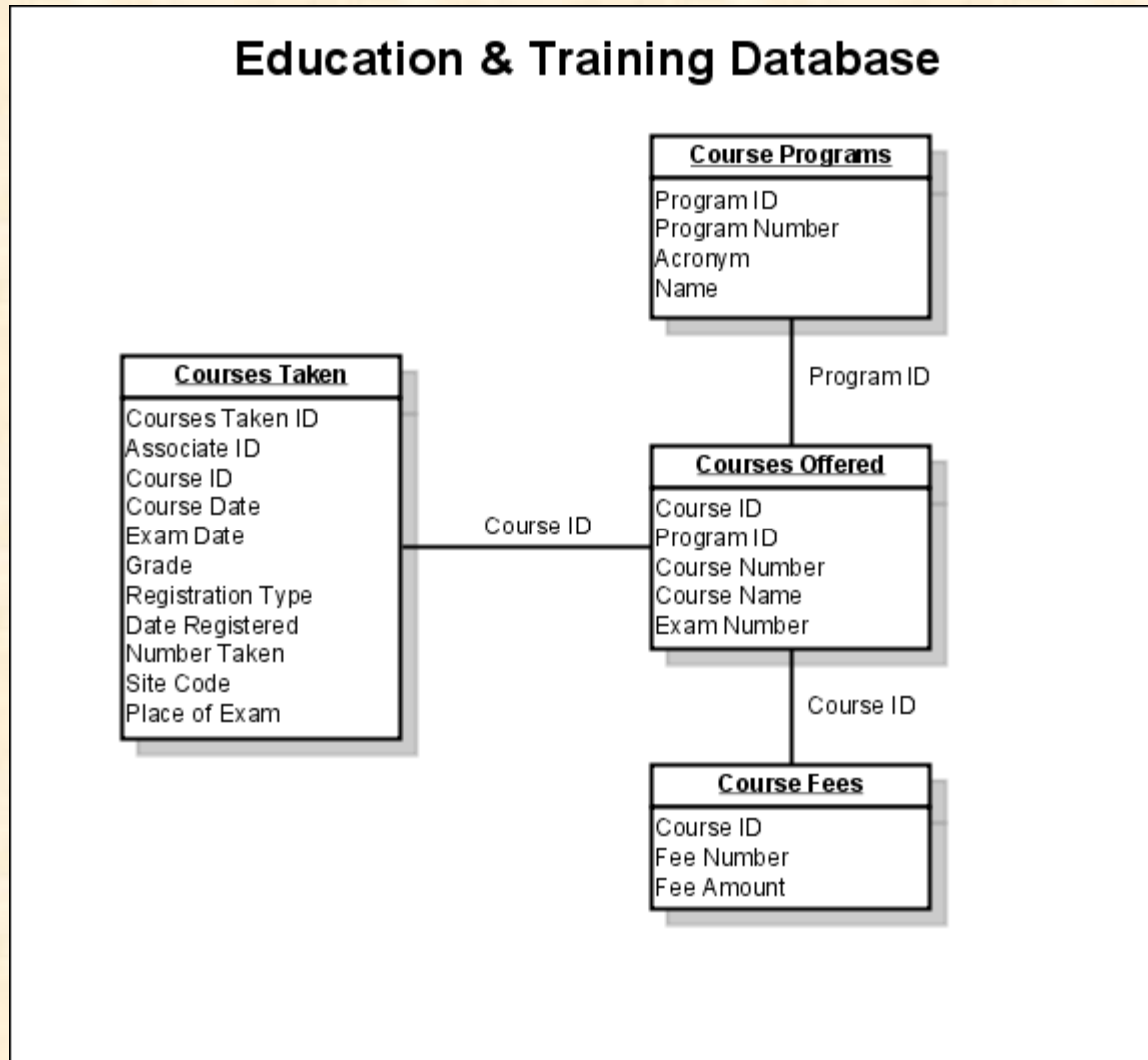


Design Overview





Design Overview





Registration Layout

Auto-Owners Insurance *The "No Problem" People®*

EMPLOYEE EDUCATION AND TRAINING

Welcome JANE_DOE,
Employee Number: 0123456789

Designation

Category: **Location:** **Date:**

AAI	API 26	● On-Site	January 15, 2007
AIC	API 27	○ Testing Center	January 16, 2007
AIM	INS 21	○ Paper and Pencil	January 17, 2007
AIS	INS 22		January 18, 2007
AIT			January 19, 2007
API			January 20, 2007
AU			January 21, 2007
			January 22, 2007
			January 23, 2007
			January 24, 2007

By checking this box, I agree to pay a "non-sit" fee if I am not present to take the exam.

*If the course you are looking for does not appear, we do not offer it at this time of the year.
Please check back at a later date.



View Courses Layout

Auto-Owners Insurance

The "No Problem" People®

Registration

Logout

EMPLOYEE EDUCATION AND TRAINING

Current Certification(s)		
Date	Certification	Pass/Fail/Pending
1/1/2006	AAA	Pass
6/15/2006	AIS	Fail
11/27/2006	AAB	Pass
1/3/2007	AAI	Pass
1/3/2007	AIS	Pending
1/3/2007	API	Pass



Project Schedule



1. First UI Mock-up
 - a) Goal: Have a mock-up to show Auto Owners
 - b) Date: 2/5
2. Second UI Mock-up
 - a) Goal: Make revisions to the first Mock-up
 - b) Date: 2/12
3. Prototype
 - a) Goal: Queries, field data, Web Services functioning
 - b) Date: 2/19
4. Testable Prototype
 - a) Goal: Have most of the features working and ready to test
 - b) Date: 3/19



Project Schedule



5. Testing

- a) Goal: Do testing of the project
- b) Date: 3/26

6. Demo/Progress Report

- a) Goal: Have project ready for demonstration
- b) Date: 4/9

7. Project Video

- a) Goal: Work on project video
- b) Date: 4/18

8. Last minute adjustments/Fixes

- a) Goal: Have everything working to the satisfaction of client
- b) Date: 4/23



Project Schedule

9. Deployment

- a) Goal: Have it up and running on Auto Owners servers
- b) Date: 4/27