

**MICHIGAN STATE**  
**UNIVERSITY**

# Alpha Presentation

## Enterprise Learning Management System

### The Capstone Experience

Team Auto-Owners

Christopher Marsh

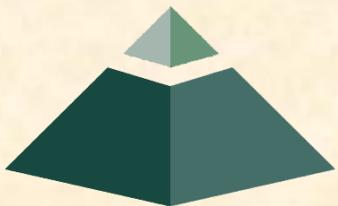
Preston Skupinski

Fai Hui Wu

Department of Computer Science and Engineering

Michigan State University

Spring 2012



*From Students...*  
*...to Professionals*

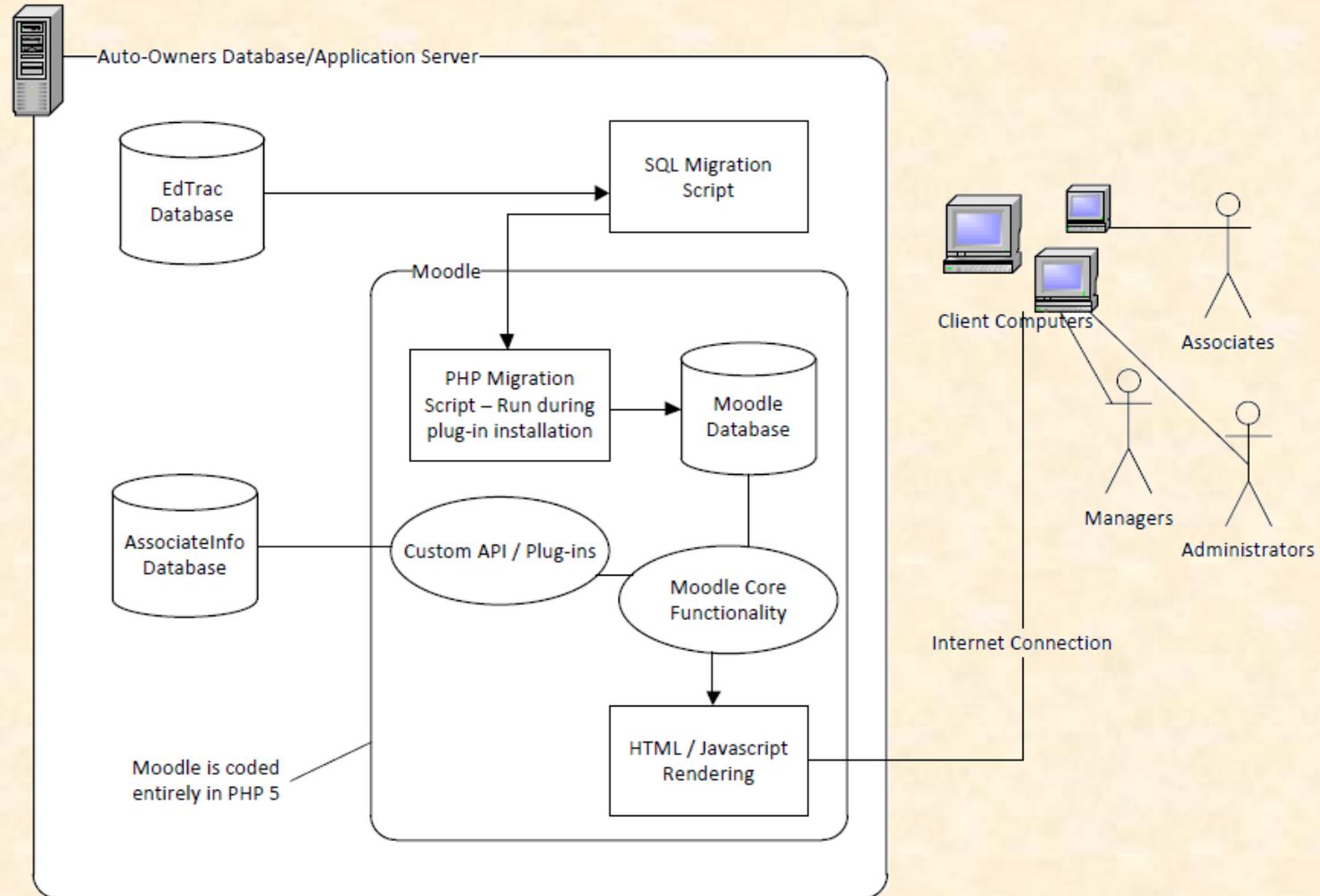
# Project Overview

---

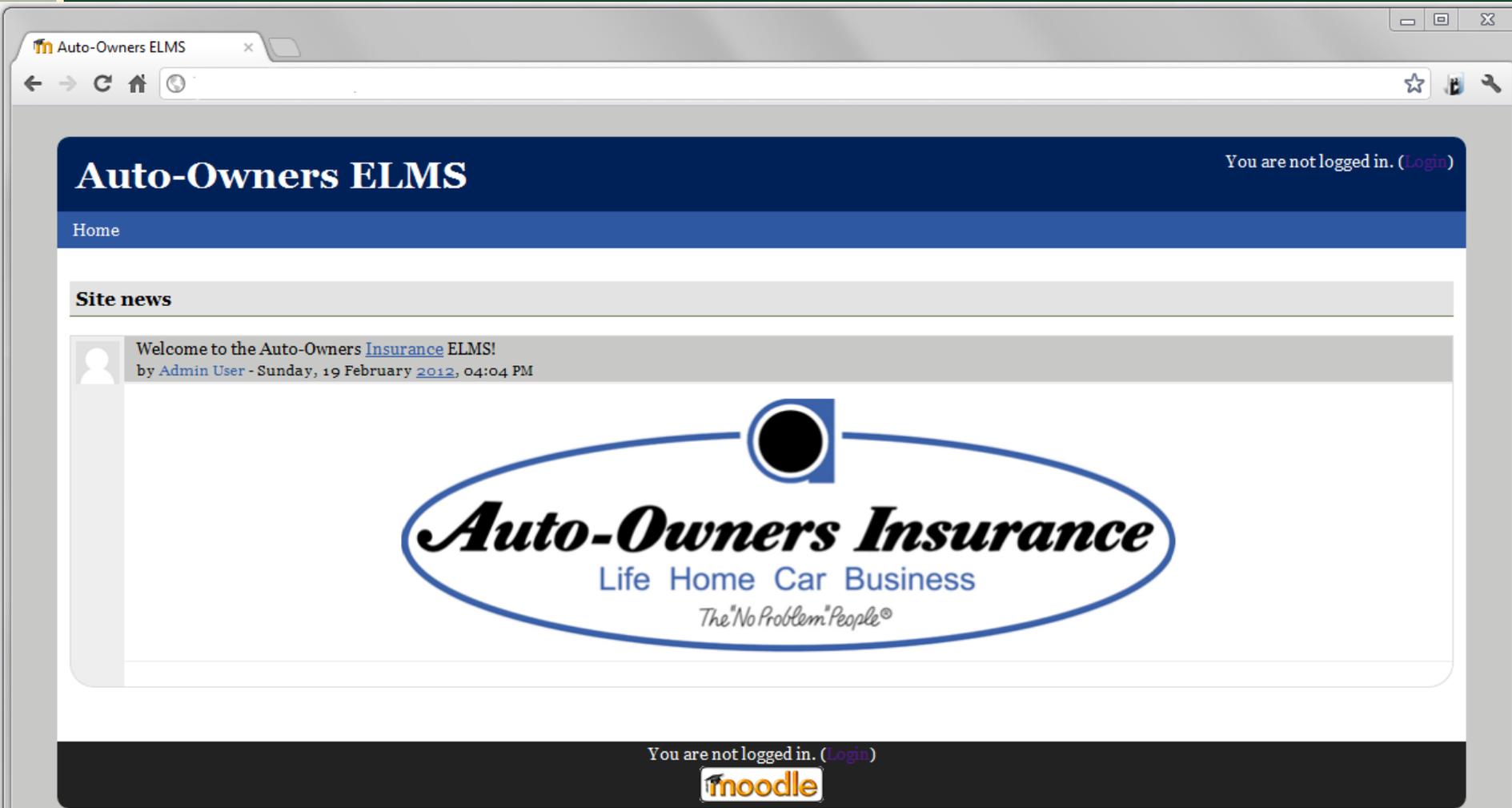
- Migration Plan
  - EdTrac Database Inconsistencies
  - Script and Plug-in
  - Courses and Users
- E-Mail Interfaces
- Designation Tracking



# System Architecture



# ELMS Welcome Screen



The screenshot shows a web browser window with the title "Auto-Owners ELMS". The browser's address bar is empty. The page has a dark blue header with the text "Auto-Owners ELMS" on the left and "You are not logged in. (Login)" on the right. Below the header is a blue bar with the text "Home". The main content area has a "Site news" section with a single news item: "Welcome to the Auto-Owners [Insurance](#) ELMS!" by Admin User - Sunday, 19 February 2012, 04:04 PM. The news item features a large logo for "Auto-Owners Insurance" with the tagline "Life Home Car Business" and "The 'No Problem' People®". The logo consists of a blue oval with a black circle inside, and the text "Auto-Owners Insurance" in a stylized font. Below the logo, the text "Life Home Car Business" and "The 'No Problem' People®" are displayed. At the bottom of the page, there is a dark blue footer with the text "You are not logged in. (Login)" and the Moodle logo.

# Login Screen

**Auto-Owners ELMS** You are not logged in.

Home ▶ Login to the site

**Returning to this web site?**

Login here using your username and password  
(Cookies must be enabled in your browser) ?

Invalid login, please try [again](#)

Username

Password

Remember username

[Forgotten your username or password?](#)

---

Some courses may allow guest [access](#)

You are not logged in.

[Home](#)



# Front Page to Authenticated Users

**Auto-Owners ELMS** You are logged in as [Ben Mosley](#) (Logout)

---

Home

**Main menu**

- Ad-Hoc Reports
- Grade Importing
- Designation Tracking
- Course Registration
- Site news

**Navigation**

Home

- My home
- Site pages
- My profile
- Courses

**Settings**

- Front page settings
  - Turn editing on
  - Edit settings
- Users
  - Backup
  - Restore
  - Question bank
- My profile settings
- Site administration

**Site news**

[Subscribe to this forum](#)

[Add a new topic](#)

Welcome to the Auto-Owners [Insurance](#) ELMS!  
by [Admin User](#) - Sunday, 19 February 2012, 04:04 PM



[Discuss this topic](#) (0 replies so far) [Edit](#) | [Delete](#)

**Account Balance**

**\$155**  
[Payment Options...](#)

**Calendar**

February 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

**Library Notifications**

You have no materials due

**Courses**

Browse [745](#) courses.

Search courses:

**Management Tools**

Recommended Course:  
Course:

Assoc. ID:



# Example of Built-In Course Listing

## Auto-Owners ELMS

You are logged in as [Test Student](#) (Logout)

### Navigation

- Home
  - My home
  - Site pages
  - My profile
  - My courses

### Settings

- My profile settings

Course categories:

- [ETHIC 311 Ethical Guidelines for Insurance Professionals](#)
- [ARe 145 Readings in Reinsurance Issues & Developments](#)
- [ARe 143 Primary Insurance Coverages](#)
- [ARe 144 Reinsurance Principles & Practices](#)
- [ALCM 76-Occupational Health and Hygiene](#)
- [ALCM 75-Property Protection](#)
- [ALCM 74-Accident Prevention](#)
- [Associate in Loss Control Management \(ALCM\)](#)



# Designation Tracking

**Auto-Owners ELMS** You are logged in as Ben Mosley (Logout)

Home ▶ Site pages ▶ Designation Tracking

### Navigation

- Home
  - My home
- Site pages
  - Participants
  - Blogs
  - Notes
  - Tags
  - Calendar
  - Reports
  - Ad-Hoc Reports
  - Grade Importing
  - Designation Tracking**
  - Course Registration
  - Site news
- My profile
- Courses
- Users

### Settings

- Designation Tracking administration
  - Edit settings
  - Locally assigned roles
  - Permissions
  - Check permissions
  - Logs

## Designation Tracking

### Top Designation Progress

Associate in Personal Insurance	100%
Certificate in Supervisory Management	100%
Certificate in General Insurance	100%
Associate in Claims	100%
Associate in Management	100%
Associate in Risk Management	100%
Associate in Underwriting	100%
Associate in Insurance Accounting & Finance	75%
Associate in Marine Insurance Management	100%
Associate in Reinsurance	100%
Associate in Fidelity & Surety Bonding	100%
Associate in Insurance Services	100%
Insurance Regulation	100%
Associate in Personal Insurance	100%
Associate in Information Technology	33-333333333333%
Chartered Property Casualty Underwriter	100%
Chartered Life Underwriter	8-333333333333%
Chartered Financial Consultant	50%
Associate, Customer Service	50%
Completion of all four Intro Courses	25%

---

### Individual Designation Progress

Associate in Information Technology

#### IIA

Code	Test Number	Status
AIT 131	131	✓
AIT 132	132	✗
AIT 134	134	✗



# Importing Grades from Excel

The screenshot shows the 'Auto-Owners ELMS' web application interface. The top navigation bar includes the site name and a user login status: 'You are logged in as Admin User (Logout)'. Below this, a breadcrumb trail reads 'Home > Site pages > Grade Importing'. The main content area is titled 'Grade Importing' and contains the instruction 'Select a spreadsheet to import grades from'. A 'Choose File' button is present, with the text 'No file chosen' next to it. Below the button is an 'Upload' link. An 'Open' file dialog window is overlaid on the page, showing the 'CAPSTONE > GradeHistory' directory. The dialog lists two Excel files: 'April15-June15.xls' and 'January15-March15.xls', both dated 2/19/2012 2:35 PM and 180 KB in size. The 'File name' field is empty, and the file type is set to 'All Files'. The 'Open' and 'Cancel' buttons are visible at the bottom of the dialog.

**Auto-Owners ELMS** You are logged in as Admin User (Logout)

Home > Site pages > Grade Importing

**Navigation**

- Home
  - My home
- Site pages
  - Participants
  - Blogs
  - Notes
  - Tags
  - Calendar
- Reports
  - Ad-Hoc Reports
  - Grade Importing**
  - Designation Tracking
  - Course Registration
- Site news
- My profile
- Courses
- Users

**Settings**

**Grade Importing**

Select a spreadsheet to import grades from

Choose File No file chosen

Upload

Open

Organize New folder

Name	Date modified	Type	Size
April15-June15.xls	2/19/2012 2:35 PM	Microsoft Office E...	180 KB
January15-March15.xls	2/19/2012 2:35 PM	Microsoft Office E...	180 KB

File name: All Files

Open Cancel



# What's left to do?

- Migration Details
- Recommendation System
- Logic and Database Calls
  - Report Generation
  - Grade Importing
  - Course Registration and Account Balances
  - Resource Tracking

