Marriott Library

Multimedia Center Online Staff Training

Using Flash MX Pro & Moodle to create a LMS

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What is a LMS?

- Learning Management System-Also called CMS(Course Management System)
- Web based technology used to design, implement, and assess a specific learning process.
- Provides instructors with a way to deliver content, monitor participation, and assess performance.

Why Use a LMS?

- Enables a staff to access up to date training information via the Internet.

- Provides interactive exams that test the knowledge of the materials learned in each module.

- Allows supervisors to track progress and determine additional training needed by staff members.

Why Not Just Buy a LMS?

- Can cost up to $25,000 for just one training module.
- Usually hosted on outside servers.
- Quality varies greatly, as do the services offered.

What Does a LMS need?

- Powerpoint, Flash movie, or some kind of training presentation.

- An exam or quiz to test the training received.

- AICC(Airline Industry CBT Committee) or SCORM (Shareable Courseware Object Reference Model) compatible.

- Password encrypted system for users and administrators to access materials.

Why Use Flash MX Pro?

- Offers the ability to create interactive exams which can be updated as needed.

- AICC and SCORM compatible.

- Generates the necessary HTML and Javascript for the LMS to function.

What Advanced Work is Needed?

- Apache, MySQL, Reload Scorm Editor, and PHP are required.
- gZip Lib png, jpeg Lib, and the mod_ssl for Apache can also be implemented.
- This LMS is not hardware intensive, so almost any computer can be used.
- Good support from the developer community and it's open source.

Colleges and Universities Currently Using This LMS

- University of Illinois
- University of New Mexico
- Sierra Nevada College
- Pomona College

Moodle

Open-source Learning Management System

System Overview

- Provides rich learning environment
- Allows for easy lesson creation
- Easy to learn environment for teachers
- Teachers can admin their own class
- Provides students with customization of look and feel
- Stores grading and other course tracking information

Creating your own LMS

System Requirements

- Linux, OS X, or Windows Apache(preferred), or any other web server that supports php
- MySQL or PostgreSQL
- PHP 4.1.0 or later

Installation

- Extremely simple!
- Create your database
- Run install script
- You're done!

Major Advantages

- Open-source , free!
- Fully customizable
- Written in PHP
- Easy learning curve for instructors
- Scalable
- Conversion tools to convert from other LMS systems to Moodle

Major Disadvantages

- Open-source, you're on your own for support
- System is still relatively new and has yet to mature

MMC LMS - What we have done

- Created three tier training system for consultants
- All quizzes are interactive and score on the fly
- Quizzes have a question bank so it is more difficult to cheat.