

Group Project (Web Application)

Deadline Wed Jul 8 2015

CMSC389N

Summer

Objective

To design and implement a web application that relies on CSS, HTML5, PHP and JavaScript.

Overview

Identify a web application in a local organization/company or for personal use, and implement it using technologies discussed in class.

Deadlines

- Project Proposal - Monday Jun 22, in lecture.
- In Lecture Project Presentation - Wednesday July 8

Project Requirements

- Your proposal is very informal (you don't need to write nor submit anything). You just need to meet with your instructor in lecture to briefly discussed your project.
- You must use PHP.
- Your PHP must use an object-oriented approach.
- You must use MySQL to store data. You must have at least one table.
- You must access your database using PHP.
- You must store some kind of large binary object in your database (e.g., images).
- Use JavaScript for client-side data validation.
- Your application does not need to be deployed in the internet. You can run your application in your laptop.
- You must use forms.
- Some minor use of JQuery is expected.

Project Presentation Requirements

Your group needs to provide a 5-8 minutes presentation of the system you developed. The presentation needs to include the following parts:

- PowerPoint Slides Presentation - The components of this presentation are:
 - Project description and goals you want to achieve (What does your application do? What is the target audience?).
 - Live demo of your application.
 - Division of labor among group members.
 - Testing - How the system was tested/evaluated (e.g., unit testing, usability testing).

- Limitations of your application.
- Challenges faced during development.
- Lessons learned.
- Future recommendations.
- Application Video - You need to create a short video (no sound is required) that illustrates the functionality of the application you developed. This video will be posted as part of the class web page. You can create this video with any tool you prefer (e.g., [Jing](#)).