Senior Project Website Version 2

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Student: Antonio Vazquez, Florida International University
Mentor: Masoud Sadjadi, Florida International University
Industry Advisor: Juan Caraballo, Florida International University
Instructor: Masoud Sadjadi, Florida International University

Problem
Before the semester starts, students enrolled in the Senior Project class need to find and join a Project of interest where they will be working along with other team members on the biggest assignment of their Computer Science career.

There is no system to automate the process where students can propose, search or join a Project of their choice. In addition an Administrator, in this case the Head Professor of the class, should be able to manage the projects and students. Creating, assigning, changing status and all requirements related to projects.

Current System
- No skill matching
- No reliable team management
- No reliable project management
- No efficient search

Previous Attempt
- No admin account
- No student validation
- No distinction between users
- Deficient project management

Requirements
- Create / Edit projects
- Join / Leave project
- Add/Remove student from projects.
- Allow Head Professor to change the Status of a Project
- Delete Projects
- Access Control

System Design
The system was developed using the Client/Server and MVC architectural patterns.

Object Design
(Complete UML Class Diagram representing the Projects Subsystem)

Implementation
- Access Control for users to interact with the Projects
- Time Deadline applied to all interactions with Projects
- CodeIgniter Framework to work with PHP and implement MVC Architecture
- Bootstrap.css and javascript.css for views
- jQuery (Confirmation Message, Autocomplete...)

Verification
Static: Testing environment with predefined values
Dynamic: Code Igniter Unit Testing Suite

Screenshots

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