The Senior Project class is the last class Computer Science students must take before graduating. Every student in this class must work on a project with at least two other students of the class. Students only have one week to choose their project and team members. The class does not count with a reliable system to manage projects.

**Current System**

- Match projects and users based on their skillset
- Reliable Project Management capabilities
- Reliable Team Management capabilities
- Retrieve users skillset and work experience from LinkedIn
- Use existing FIU, Google, Facebook, and LinkedIn accounts
- Advanced Search functionality
- Use technologies the Faculty Staff can maintain

**Requirements**

- Match projects and users based on their skillset
- Reliable Project Management capabilities
- Reliable Team Management capabilities
- Retrieve users skillset and work experience from LinkedIn
- Use existing FIU, Google, Facebook, and LinkedIn accounts
- Advanced Search functionality
- Use technologies the Faculty Staff can maintain

**System Design**

- MVC design pattern
- Views: Testing development environment with preset values
- CodeIgniter Unit Testing Suite
- Test: Testing environment to develop views independently
- Cross-browser consistency (Bootstrap, Normalize.css)
- Responsive design features
- Mobile browser support
- Short and meaningful URLs (e.g., /me for current user profile)
- HTML5 elements support in older browsers (HTML5 Shiv)

**Implementation**

- GH-220: Issue Tracker
- Username: Gear
- System Design
- Object Design
- CodeIgniter Unit Testing Suite
- Views: Testing development environment with preset values
- Cross-browser consistency (Bootstrap, Normalize.css)
- Responsive design features
- Mobile browser support
- Short and meaningful URLs (e.g., /me for current user profile)
- HTML5 elements support in older browsers (HTML5 Shiv)

**Drawbacks**

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

**Screenshots**

- Fig 2: The Website automatically displays mobile-optimized views
- Fig 3: The Home Screen displays ordered project suggestions based on skillset matching
- Fig 4: Projects have clearly defined skill requirements

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