EE/CprE/SE 491 - sddec21-04
Electronic Program of Study
Week 1 Report

September 6th - 13th
Client: Tina Prouty (Academic Advisor)
Faculty Advisor: Maruf Ahamed

Team Members:

- Elisabeth Bair (Meeting Facilitator)
- Andrew Goluch (Frontend Lead)
- Lucas Bell-Steckel (Backend Lead)
- William Peng (Full-Stack Coordinator)
- Cavin Leeds (Test Engineer)
- Thomas Hotard (Report Manager)

Weekly Summary:

This week's goal was to jump-start the creation of the web app this project will deliver. This meant the server setup, databases, basic UI pages, and increasing scraper functionality. Overall, the

Week Accomplishments:

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- Web App Sign in - Elisabeth
  - Researched how to integrate google sign-on with JavaScript
  - Created Google Account for team, Google developer project, and started on the creation of an API key. Ran into block with our project being all IP based (not DNS)
  - Wrote HTML and JS for potential integration once API key can be properly generated
  - Learned briefly about Django login capabilities as team talked about pivoting to broader sign-on capabilities
- Logistical - Elisabeth
  - Contacted client and set up meetings for the semester

- ○ Contacted faculty advisor and reviewed their expectations for the team (weekly reports and inclusion in client meetings)
- ● Web Page Template - Thomas
  - ○ Created basic web page layout in html and css to establish a baseline for adding modules

Pending Issues:

- ● No DNS associated with the web app - Ellie? Not super pressing, workarounds are available for the time being

Individual Contributions:

Team member	Contribution	Weekly hours	Total hours
Andrew Goluch	Worked on creating a template for the HTML as well as designing the start of the home page as well as the student page	6	38
Elisabeth Bair	Web App sign in research and google sign in beginning implementation. Logistical coordination with client	8	39
Lucas Bell-Steckel	Finished structuring of django application and linking application to apache. Lots of debugging and trying to get the server running properly. Research for libraries and implementing features in django.	10	38.5
William Peng	Learning Django and creating templates.	4	32
Cavin Leeds	Worked on web scraper to pull data from Iowa State's courses to put into our database.	3	29
Thomas Hotard	Created baseline web pages in html to add modules to as they come online	3.5	35.5

Plans for Upcoming Week:

- ● Database - Lucas
  - ○ Setup database and connect with django

- ○ Create basic django models for database use
- Sign In - Elisabeth
  - ○ Finish implementing sign in with Django (whether users use existing auth or not)
  - ○ Create method for categorizing users
  - ○ Integrate user management with database
- UI - Thomas
  - ○ Create UI for student view of application
  - ○ Set page up to be easily modifiable and able to add in features as they are made accessible
- Web scraper - Cavin
  - ○ Scrape course descriptions
- Django - William
  - ○ Keep learning Django
  - ○ Help connecting database and front end