EE/CprE/SE 491 - sddec21-04 Electronic Program of Study Week 12 Report

November 9th - November 15th
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:

On 11/13 the team met for a day-long work session in coover to increase progress.

Week Accomplishments:

- ETG server is in process of being created.

Pending Issues:

- Waiting for ETG to finish building server

Individual Contributions:

Team member	Contribution	Weekly hours	Total hours
Andrew Goluch	Improved the student page and worked to	8	81

	further the integration of db and frontend		
Elisabeth Bair	Working on degree models. Organized meetings and meeting notes.	**10**	**48**
Lucas Bell-Steckel	Begun deployment of server. Double checked that apache configuration is adequate and secure.	**3**	**70**
William Peng	Set up example endpoints for POST requests. Research OAuth and Okta for login. Help frontend getting data from the database. Work with Cavin to get the web scraper working and import all classes in the database.	**10**	**73**
Cavin Leeds	Worked on web scraper to import all classes into the database	**8**	**62**
Thomas Hotard	Retrieved more information from the database for classes. Pulled relevant information to set up a class description box which displays all information about selected class.	**8**	**74**

Plans for Upcoming Week:

- Database/Hosting - Lucas
  - Work on manual deployment of app. Then work on CI/CD for for the app.
- Javascript - Thomas
  - Error checking proposed class schedules. Working on advisor view.
- Testing - Cavin
  - Continue researching testing with Selenium. Begin making tests.
  - Finish formatting the classes to fit in Django
- Django - William and Ellie
  - Help import the class data and set REST end points
  - (Ellie) Learn more about Django to help with implementation and move into degree requirement
- Sign In/graph - Andrew and William
  - Implement node graphing
  - Once URI is achieved request okta use with ISUs identity team team
  - Get FE/BE linked in a meaningful way
  - (William) Help get Okta and login working.
- Data for Degree Requirements- Ellie

- Input degree requirements in database and start writing JavaScript to use those requirements to validate a schedule

Major team work session (11/13) goals:

- Student able to create a schedule and check it against degree requirements
- Advisor able to view student schedules, add a course, and edit a degree's requirements

Technical components for that to happen:
- Database
  - Data in courses
  - Data in degree requirements
  - Users created and able to log in
- Server
  -
- Front end
  - Link Frontend and backend
  - Login
    - Create users in database
  - Advisor view
    -
  - Student view
    - Pick an advisor to share schedule with
    - Add courses
      - Pull from database of available
      - Generate a popup showing information about the course
    - Check schedule against degree