

CPRE 492

Electronic POS Group 15

10/26/22 - 11/8/22

Client: Tina Prouty

Advisor: Md Maruf Ahamed

Team Members/Role:

Saljooq Altaf: Full Stack Developer/Systems Engineer

Nathan Marquardt: Frontend Developer

William Hunt: Backend Developer

Carson Campbell: Backend Developer

Noah Nickel: Frontend Developer

Bi-Weekly Report

Summary

Continued making progress toward the implementation of core features.

Tasks done/time spent:

- Name: Saljooq Altaf
 - Worked on emailing IT department for Okta auth and coordinating with instructor (1 Hr)
 - Worked on researching and creating api's to get courses from course code and department name (managers, controllers, repositories etc along with testing) (4 Hrs)
 - Created a front-end that utilizes the backend for search engine capabilities:
 - Added the necessary dependencies and libraries to utilize the angular material library (4 Hrs)
 - Creating the necessary form element that would allow the latest entry to be taken for search input along with making the api call to backend (4 Hrs)
 - Creating a drawer on the left that enables the course details to be seen when a course is clicked (2 Hrs)
 - Tinkering with the css and customizing the code to be more user friendly and be easily usable on tablet, phone or desktop (3 Hrs)
 - Pushing the code along with updating some scripts to make the process of deployment easier - along with actual deployment i.e. it's available online right now (3 Hrs)
 - Did some updates in the backend to enable the lookup of courses from their name more efficiently, and enable lookup of course names with spaces (2 Hrs)
 - Total: 23 Hrs

- Name: Nathan Marquardt
 - Front-End Prototype Student View and Advisor View Pages (12 hours)
 - Meeting with Noah on POS creation page (4 hours)
 - Angular Library Research (3 hours)
 - Compiling and Troubleshooting (4 hours)
 - Weekly Team Meetings (2 hours)
 - Total: 25 hours

- Name: William Hunt
 - Finishing up the features for the POS controller - 10 hours
 - Writing documentation - 2 hours
 - Testing - 3 hours
 - Exploring alternative database designs - 2 hours
 - Total: 17 hours

- Name: Carson Campbell
 - Local database organization and approach (5 hours)
 - Brainstorming controller interaction with frontend (2 hours)
 - Backend Meeting (1 hour)
 - Team Meeting (2 hour)
 - Local spring testing (5 hours)
 - Total: 15 hours

- Name: Noah Nickel
 - Working on Front-End features with Nathan (8 hours)
 - Compiling and Troubleshooting (4 hours)
 - Research for Front-End features (3 hours)
 - Total: 15 hours

Tasks planned for the upcoming week:

- Name: Saljooq Altaf
 - Connecting the backend - to the drag and drop page
 - Still waiting for the okta team to get back

- Name: Nathan Marquardt
 - My goal for the next week is to connect the Front-end pages to the Backend controllers and polish up the look of the web pages before our PIRM meeting (11/17/2022). Also, if we cannot contact OKTA in time, I will also create a separate sign up page to grab the information needed for new users. My goal is

to have everything polished and connected by the time Thanksgiving break rolls around.

- Name: William Hunt
 - Get the schedule controller merged into the main branch and deployed
 - Finalize database design decisions involving storage of courses
 - Start preliminary work on the 2nd wave of features

- Name: Carson Campbell
 - Push implemented Spring code to Git
 - Help connect with frontend
 - PIRM meeting setup
 - Arrange meeting with client

- Name: Noah Nickel
 - Have a majority of Front-End features completed.
 - Finish the connection of the back-end and front-end before the PIRM meeting
 - Complete sending POS to advisor feature.

Pending Issues:

Individual Contributions:

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours last two weeks</u>	<u>HOURS cumulative</u>
Saljooq Altaf	Implemented the search engine gui, and created api's to get courses from database from department name and code	23	126
Carson Campbell	Implement and push controller updates, aid in connections to frontend, prepare PIRM meeting materials	15	66
Noah Nickel	Front End Concepts, Researching Angular, Team presentation.	15	68
Nathan Marquardt	Creation of Student and Advisor View Page layouts, Angular Material Research, Meeting(s) with Noah, Troubleshooting	25	78

William Hunt	Finished up core features of the POS controller, testing and getting ready to merge	17	69
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Comments and extended discussion : N/A

Summary of weekly advisor meeting : N/A