

EE/CprE/SE 492 Weekly Report 1

December 10 to January 30, 2024

Group number: 14

Project: Computer Science Course 3090 Dashboard

Client/Advisor: Dr. Simanta Mitra

Team Members:

Bradley Gaines - Component Design, Cross-Component Integration, Testing

Breckin Bartels - Component Design, Cross-Component Integration, Testing

Kat Christofferson - Component Design, Cross-Component Integration, Testing

Ria Patel - Component Design, Cross-Component Integration, Project Manager

Thomas Payton - Component Design, Cross-Component Integration, Testing

Varun Jain - Component Design, Cross-Component Integration, Client Interaction

Weekly Summary

Over the last weeks of last semester, we focused on calls, postman, and dashboard pages. We are in the agile stage of our project, meaning that we are constantly repeating steps of creating, adjusting, and optimizing new features. To wrap up the semester, we finalized all schematics and wrapped up front end and back end progress momentarily. We were very pleased with our faculty panel and design document that were presented at the end of last semester. Our project slowed progress over the winter break. To get back on schedule, we are focused on collaboration and planning efforts for the upcoming week. We are very excited to spend this semester optimizing our dashboard for future use in Dr. Mitra's Computer Science 3090 course.

Past Week Accomplishments

Bradley Gaines:

- Got the more complex get calls working in backend.
- Got postman working so I can test these calls format.
- Communicated with Frontend to get calls formatted how they want.

Breckin Bartels:

- Got frontend posting students to the backend.
- Messed around with displaying GitLab data on team drilldown.

Kat Christofferson:

- Added Post call from a list of teams.
- Tested Post request from list of teams.
- Finished testing the Post request from list of students.
- Tested Post request for a list of teams.

Ria Patel:

- Updated our website.
- Updated mockups/schematics.
- Looked into creating CATme replication in dashboard.
- Assisted with API calls.

Thomas Payton:

- Continued work on attendance taking logic and consult with backend on implementation.
- Continued work on team drilldown and eventually connecting to the backend.
- Researched collecting / verifying location for attendance.

Varun Jain:

- Continued work on API calls.
- Continued updating ER diagram and database.

Pending Issues: None

Individual Contributions

Name	Individual Contributions	Hours This Week	Hours Cumulative
Bradley Gaines	Working on team profiles backend, getting packages and rights to each user on VM so we can all test independently	6	6
Breckin Bartels	Got frontend posting students to the backend. Messed around with displaying Gitlab data on team drilldown.	8	8
Kat Christofferson	Add Post API call to login users, and created JWT tokens for each user. Added a Post API call for create a list of students. Tested Post call from a list of students using postman.	7	7
Ria Patel	Updated website. Researched CATme replication. Assisted with API calls.	6	6
Thomas Payton	Added attendance taking alternatives (short answer, multiple-choice, one-time code). Cleaned up design and added better presentation for CATME data for team drilldown page.	7	7
Varun Jain	Worked on some API calls. Kept updating ER diagram and database. Assisted with backend-frontend integration	6	6

Plans For the Upcoming Week

Bradley Gaines:

- Review 491 work.
- Ensure all systems are working after shutdown over break.
- Work on teams get request.

Breckin Bartels:

- Integrate dashboard home with backend API calls and data.
- Work on a fix for login with backend.
- Integrate team drilldown page with backend API calls and data.

Kat Christofferson:

- Work on the teams post request.
- Create a Base teams Controller.

Ria Patel:

- Review 491 feedback and adjust.
- Coordinate with team members and client to create new sprint timeline.
- Assist with API calls.

Thomas Payton:

- Work on session handling for storing user's role on the client side.
- Connect dashboard to backend by adding API calls on pages.

Varun Jain:

- Work on the teams post request.
- Create a Base teams Controller.

Weekly Advisor Meeting Summary

We were unable to meet with our client/advisor Dr. Mitra last week. Our next meeting with Dr Mitra is scheduled for January 31.