# EE/CprE/SE 492 Weekly Report 6

*April 4 to April 17 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

This week was busy working on wrapping up loose ends of our project to get the dashboard ready for final delivery! Frontend focused on integrating the comment system, adding notifications to the homepage, adding search bar functionality, connecting CatMe, updating the homepage, and making the admin page more efficient. Backend focused on adding calls, fixing calls for CatMe, testing postcalls, finishing login authentication, and building an archival system. We have only a few weeks left to finalize this project, making most of our work punchlist items as we get ready to present to the Industry Representatives Panel and Poster Presentation Session.

# Past Week Accomplishments

Bradley Gaines:

- Continued to add Calls for AtRisk based on frontend needs.
- Early systems of Archiving.

Breckin Bartels:

- Fully integrated comment system for both teams and students.
- Added notifications to main dashboard.
- Added search bar functionality.
- Received feedback from Dr. Mitra on first deployment, and attended issues present.

Kat Christofferson:

- Tried to fix Post API for CatMe.
- Created Get API for for CatMe.
- Tested Post and Get APIS.

Ria Patel:

- Updated website.
- Worked on schematics/diagrams.
- Communicated with client on additional features.
- Updated dashboard with desired cosmetic/organizational features.
- Began drafting final design document.

Thomas Payton:

- Changed TA uploading/creation process as per Mitra's request.
- Added the student picking method to student pages.
- Added at-risk data to home dashboard page.
- Styled all pages to fit the same theme

Varun Jain:

- Did Bugfixes for the backend.
- Change some functionalities.
- Continued updating API documentation.
- Started on building archival system.

Pending Issues: None

## Individual Contributions

| Name | Individual Contributions | Hours This Week | Hours Cumulative |
|------|--------------------------|-----------------|------------------|
| Bradley Gaines | Bug Fixes and updating to Atrisk Code | 16 | 78 |
| Breckin Bartels | Fully implemented comment system. Fully implemented Notification system. Helped with styling pages and features. | 16 | 92 |
| Kat Christofferson | Fix Catme table to connect with studentRater table. | 16 | 64 |
| Ria Patel | Updated website. Updated diagrams. Client communication. Design Document. Poster. | 20 | 82 |
| Thomas Payton | Updated website styling so that all pages fit the same theme. Added some at-risk data to the home dashboard page. Added student picking method to student pages. | 20 | 86 |
| Varun Jain | Fix bugs and change some API calls. Continued updating API tokens and started on an archival system. | 16 | 84 |

# Plans For the Upcoming Week

Bradley Gaines:

- Look over Design Doc.
- Help with archival system.

Breckin Bartels:

- Implement CATME POST and GET requests.
- Change team CATME table to have all 4 demos (Some sort of slider to switch between demos).
- Look into exporting Team Status to csv.

Kat Christofferson:

- Create CateMe Get API.
- Help read and fix the Design doc.
- Test Get Api call.

Ria Patel:

- Update website.
- Work on schematics/diagrams.
- Communicate with client on additional features.
- Drafting final design document.
- Drafting final poster.
- Drafting final presentation.

Thomas Payton:

- Add settings page to handle interacting with archive features.
- Add TA management / upload process.
- Connect discord server / channel ID setting to backend.
- Look into setting GitLab API token in settings.

Varun Jain:

- Continue updating API documentation.
- Continue creating an archival system.

# Weekly Advisor Meeting Summary

We meet with our client/advisor Dr. Mitra biweekly. Since our last meeting was April 4, our next meeting with Dr Mitra is scheduled for April 18.

- Client did not have a chance to run the program.
- Cat me data can now be posted to the backend, display needs to be done.
- Client will connect us with TAs over email.
- Head TA mahdi, sharif@iastate.edu.
- Comment system is implemented, client likes the priority ordering, but would like a color scheme to match the levels.
- Client will be using a deployment branch.
- Client is curious about our testing methods. client advises using Selenium for automatic testing.
- Client wants a way to add feedback on the database (keeps track of what page he is on with date stamps and importance level), have it create a list of messages as a punchlist to fix.
- Client wants to provide in person feedback on final deliverables before submission.