

# EE/CprE/SE 492 Weekly Report 5

*March 14 to April 3 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

We made significant progress on the frontend and backend during this sprint. The backend group added the at-risk table to the database, initialized API CATME data calls, fixed authentication tokens issues, and refined the comment system. The frontend group added the at-risk student page, updated the admin page, updated cosmetic changes to the team overview pages, and ensured connection to the backend. With the end of the semester approaching, we are starting to draft our design document, faculty presentation, project poster, and panel review material. We have made considerable progress on the dashboard and are ready to implement the dashboard on our client's server (with future updates pending).

## Past Week Accomplishments

Bradley Gaines:

- Updated database and backend with the at-Risk table.
- Worked with frontend on call format.

Breckin Bartels:

- Finished adding second bubble to main dashboard.
- Changed uploadDoc api call endpoints (will be sending zip file for TeamsAndStudents, and will be sending .csk for CATME).
- Added API call to change team demo status.

Kat Christofferson:

- Worked on creating the post API for catme data.
- Worked on Crating GET call for catme data.
- Fixed log file to get user email logged in the log file.
- Worked on TA pot API.

Ria Patel:

- Updated website.
- Worked on schematics/diagrams.
- Communicated with client on additional features.
- Updated dashboard with desired cosmetic/organizational features.

Thomas Payton:

- Worked on admin page with TA creation.
- Continued work on At Risk Student page and logic.
- Connected both pages to backend API.

Varun Jain:

- Finish methods related to comments
- Worked on fixing Auth token
- Worked on updating API documentation

Pending Issues: None

## Individual Contributions

Name	Individual Contributions	Hours This Week	Hours Cumulative
Bradley Gaines	Worked on Atrisk calls of different styles for front end functionalities	12	63
Breckin Bartels	Added team status functionality. Started working on comment system (have mockup in place) Slight main dashboard work to add search bar functionality and notifications.	18	76
Kat Christofferson	Worked on trying to create post and Get APIs to store CatMe data	12	64
Ria Patel	Update website. Update diagrams. Communicate with client.	14	62
Thomas Payton	Finalized TA admin page and finalized at risk student page by coordinating and connecting with backend. Added to the team breakdown.	12	66
Varun Jain	Finished comment system on backend. Partially fixed authentication functionality. Updated API documentation	16	68

## Plans For the Upcoming Week

Bradley Gaines:

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

Breckin Bartels:

- Fully integrate comment system for both teams and students.
- Attempt to add notifications to main dashboard.
- Add search bar functionality.
- Receive feedback from Dr. Mitra on first deployment, and attend to any issues present.

Kat Christofferson:

- Try to fix Post API for CatMe.
- Create Get API for for CatMe.
- Test Post and Get APIS.

Ria Patel:

- Update website.
- Work on schematics/diagrams.
- Communicate with client on additional features.
- Update dashboard with desired cosmetic/organizational features.
- Begin drafting final design document.

Thomas Payton:

- Connecting CATME backend requests to frontend.
- Change TA uploading/creation process as per Mitra's request.
- Add the student picking method to student pages.
- Add at-risk data to home dashboard page.

Varun Jain:

- Finish fixing authentication.
- Add some minor API calls.

- Continue updating API documentation.
- Start on building archival system.

## Weekly Advisor Meeting Summary

We meet with our client/advisor Dr. Mitra biweekly. Since our last meeting was March 14, our next meeting with Dr Mitra is scheduled for April 4.

- Change how TA gets added. Instead of having a TA management page, client will give a different CVS file with TA and teams.
- Export status to show students in like google form format.
- Need Added comments on team, and student.
  - The TA should get the message and show that they have read the comment. Check the mark for seeing, thumbs for doing the action.
  - Comment for team and students.
- Add a way to change the profile picked when is wrong.
- Manually add student information when they join later.
- Show number of at-risk students for each team on dashboard.
- Finish adding catme data.
- Creating How To instructions on how to install the server.
  - How to upload teams.
- For each team:
  - Put a little picture of each student above the Demo color.
- When clicking students show student major:
  - Major data is given when creating students.
- Add archive button.