

EE / CprE / SE 491 Weekly Report
February 12 - February 25, 2025
Group Number: sdddec25-10
Project Title: SmartClass
Client &/ Advisor: Md Maruf Ahamed

Team Members:

Josh Dwight — *Frontend/Backend*
Logan Pfantz — *Frontend*
Matthew Gudenkauf — *Frontend*
Michael Becker — *Frontend/Backend*
Michael Geltz — *Frontend/Backend*
Ryan Lin — *Frontend/Backend*

Weekly Summary:

The last two weeks have been spent setting things up and getting everyone connected to the GitLab. So far, a home page for the frontend has been set up, and a server is running on ISU servers for the backend. The team has created screen sketches for many of the essential pages required for this project. Market research has been conducted to decide several must-have features.

Past Week Accomplishments:

Josh Dwight:

- Performed market research. Learned some backend jobs.

Logan Pfantz:

- Created screen sketches for required web pages.

Matthew Gudenkauf:

- Conducted market research. Created initial HTML pages.

Michael Becker:

- Conducted market research. Learned about security techniques.

Michael Geltz:

- Conducted market research. Worked on setting up a dedicated server on ISU servers.
- Set up a MySQL Server.

Ryan Lin:

- Set up a basic CI/CD pipeline.

Individual Contributions:

Team Member	Contribution	Weekly Hours	Total Hours
Josh Dwight	Performed market research Connected to GitLab Connected to MySQL Tried getting accustomed to backend	3	4
Logan Pfantz	Created screen sketches Connected to GitLab	2	4
Matthew Gudenkauf	Market research Added some starting HTML pages Setup MySQL/Server config on local machine	2	4
Michael Becker	Market Research as discussed with Maruf. Individually learned security techniques	2	3
Michael Geltz	Setup a dedicated server Setup a MySQL server	3	4
Ryan Lin	Setup basic CI/CD pipeline	1	2

Plans for the upcoming week:

Work on creating users on the server and allowing them to log in. Create a Class class and Join class for their corresponding web pages. Decide a data structure for backend data storage. Set up issues and a roadmap in GitLab.

- Josh Dwight
 - Continue backend development
- Logan Pfantz
 - Create a profile page in frontend
 - Work on the style sheet
- Matthew Gudenkauf
 - Create Class pages
- Michael Becker
 - Work on user login, research, and find common security issues and methods
- Michael Geltz
 - Create fields for users
- Ryan Lin
 - Contribute to setting up GitLab

Summary of weekly advisor meeting:

Decided how to begin work on this project. Asked a list of questions from the in-class activity. Talked about key features the final deliverable should have. Talked about an optional mobile app. Decided on a weekly meeting schedule for Wednesdays at 12 PM in Professor Maruf's office.