

---

## EE/CprE/SE 4920 Status Report #1

End of 4910 – 1/30/2025

Group sdmay25-23

Project title: Code Critiquer System for the C Language and Embedded C

Client &/Advisor: Dr. Diane Rover

### Team Members/Role:

James Joseph - Secure System Design, CPR E 2880 Liaison

Samuel Lickteig - Backend System Design

Alix Noble - Testing

Andrew Sand - Team Organization, CPR E 2880 Liaison

Owen Sauser - Client Interaction, Frontend System Design, CPR E 2880 Liaison

---

- **Weekly Summary**

As this is the first week back to the project and the beginning of the 4920 course, the primary function of this time was to get reacquainted with the project and its working while also looking to the future. Most of the work done this week was planning and refamiliarization, so while contribution hours might be low now, it will ramp up soon. Furthermore, the team communicated with our project advisor/client to coordinate a new weekly meeting time for this Iowa State semester.

- **Project Milestones**

- Began the new semester (Iowa State Spring 2025)
- Set up team weekly meeting times

- **Past Week Accomplishments**

- James Joseph:
  - Drafted testing requirements
  - Started pipeline development
- Samuel Lickteig:
  - Adjusted project landing page to better reflect current account options
  - Worked on emailing of generated student passwords to student accounts
- Alix Noble:
  - Reacquainted with the project and code
  - Continued work on statistics page

- Andrew Sand:
  - Researched options for creating screen sketches for the project UI overhaul
    - It is looking like Canva might be a good option, but for the purposes of this class, Google Drawings or just sketching on a piece of paper might be good enough to get the desired result
  - Began looking into frontend frameworks and if they will be useful for this project
    - During last semester, the team decided we would go with React if so due to it being taught at Iowa State and that it has a lot of resources, promoting maintainability
    - Basically just need to see the feasibility of implementing it or if it is worthwhile to do so
- Owen Sauser:
  - Refamiliarized myself with the project's code
  - Looked into the features we are wanting to add to the project for this semester.
- Full Team:
  - Coordinated to set a weekly team meeting time
  - Communicated with the team's advisor/client, Dr. Diane Rover, to establish a meeting time
- **Pending Issues** (If applicable.)
  - James Joseph:
    - N/A
  - Samuel Lickteig:
    - N/A
  - Alix Noble:
    - N/A
  - Andrew Sand:
    - N/A
  - Owen Sauser:
    - N/A
- **Individual Contributions** (Note: The "Hours Cumulative" section is independent from the members' cumulative hours from the Fall 2024 semester)

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this Week</u>	<u>Hours Cumulative</u>
-------------	---------------------------------	------------------------	-------------------------

James Joseph	Drafted tests and began pipeline development	2	2
Samuel Lickteig	Adjusted landing page, set up code for emailing passwords to students, looked into what smtp server to use	3	3
Alix Noble	Reacquainted with project, continued work from last semester	1	1
Andrew Sand	Communicated meeting times and researched frontend technologies	2	2
Owen Sauser	Refamiliarized myself with the project and codebase	1	1

- **Comments and Extended Discussion** (Optional)

N/A

- **Plans for the Upcoming Week**

- James Joseph:
  - Deploy code
  - Configure server
  - Write tests for first few labs
- Samuel Lickteig:
  - Complete password emailing
  - Look into limiting professor account creation to verified emails
- Alix Noble:
  - Continue work on statistics page
- Andrew Sand:
  - Create UI overhaul screen sketches drafts
  - Continue investigating using React in the project
- Owen Sauser:

- **Summary of Weekly Advisor Meeting** (If applicable/optional)

N/A. There was no advisor/client meeting this week because all parties had yet to agree upon a time.