

## **EE/CprE/SE 492 STATUS REPORT 1**

End of 491 - Jan 30

Group number: sdmay25-07

Project Title: Ask Captain Cyber

Client / Advisor: Doug Jacobson

### **Team Members/Role:**

- Ethan Comiskey - Cybersecurity Implementation Principal Engineering Manager
- Steven Ragan - Cybersecurity Coordinator & Integration Associate
- Alex Elsner - Lead backend developer
- Casper Run - Cybersecurity and WordPress developer
- Alexander Kronau - Frontend developer. Limited Backend
- Caden Murphy - Frontend developer

### **Weekly Summary**

From the end of 491 to January 30th, our team has utilized this time to evaluate our current goals and review our progress throughout 491. Our team has all spent the beginning of the semester catching up, talking about what we did right and wrong last semester and how we can improve for this upcoming semester. We are working to set up a meeting with our advisor so we can obtain access to the OpenAI developers API. Once we obtain access, we can begin work with the AI aspect of our project. Until then, we are working to break down our goals into step-by-step tasks, which we can individually enter into our Git issue board and then complete.

### **Past week's accomplishments**

- Ethan Comiskey - Reviewed progress made in 491, including our prototypes, design documents, etc. Caught up with team members to evaluate our goals and everyone's status
- Steven Ragan - Got back into the swing of things, reviewing past design documentation and ensuring everything was still working, as well as understanding the current goals.
- Alex Elsner - Tried to plan ahead with what still needs to be done in the backend by reviewing what we have already done and the challenges we face.
- Casper Run - Reviewed design document and pitched adjusting some of our responsibilities to fit the new development cycle.
- Alexander Kronau - Analyzed design documentation concerning our original Gantt chart to triage tasks effectively.
- Caden Murphy - Reviewed our design documents—re-evaluated goals regarding the second-semester timeline/scope.

### **Pending issues**

- All Team Members: Waiting for OpenAI account access.
- Awaiting the advisor's response with scheduling a meeting time.

**Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Ethan Comiskey	Reviewed progress made in 491, including our prototypes, design documents, etc	6	6
Steven Ragan	Helped with some design aspects and coordination	6	6
Alex Elsner	Reviewed LLM storage, database management, and user login/signup.	6	6
Casper Run	Researched backend database connection with OpenAI API and assisted Alex with login/signup. Pitched prompt engineering role for training the AI.	6	6
Alexander Kronau	Conceptualized front-end design ideas in group meetings	6	6
Caden Murphy	Began base design for the expert dashboard.	6	6

**Plans for the upcoming week**

- Ethan Comiskey - Evaluate requirements for the project so I can begin working on a prompt for our AI assistant, "Ask Captain Cyber."
- Steven Ragan - look into seeding the database or creation
- Alex Elsner - Start finalizing a strategy for backend activities such as storing user questions, LLM storage, and login/signup.
- Casper Run - Finish the Instructor review document and continue researching the backend connection with OpenAI API.
- Alexander Kronau - Learn more about prompt engineering, LLM manipulation, and potential relevant concerns.
- Caden Murphy - Meet with Doug to review frontend design and take feedback on current plans.