

EE/CprE/SE 492 STATUS REPORT 6

April 4 - April 17

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

Over the past two weeks, our team has been finishing up each of our respective aspects of the project to ensure we have a functioning project to demo to the industry panel. We have all also been working diligently on the final deliverables to submit before prep week, primarily updating our design document. The AI team members have been finishing up writing new questions to seed our database with and generating initial answers from our AI assistant. The frontend has finished up the chat page for user interaction in addition to creating efficient communication to the backend. The backend has been working on communication for SQL databases and setting up FlaskAPI. Overall, our team is on track to complete all the final deliverables and a function demo by the beginning of prep week and will be ready to present.

Past week's accomplishments

- Ethan Comiskey - Finishing up generating database questions + answers and vetting the AI's initial responses.
- Steven Ragan - Work on the creation of database seeds along with tuning seeded question responses. And enter them into the database making sure they can be accessed properly.
- Alex Elsner - Worked with casper to implement backend functionality for the chatbot and the admin dashboard.
- Casper Run - Worked with Alex to implement a backend connection to the vetting dashboard and send data from SQL database. Set up the FlaskAPI to run as a service on

the API machine.

- Alexander Kronau - Vetting page completion, endpoint verification and implementation.
- Caden Murphy - Finished up chat page - back end communication

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Ethan Comiskey	Finishing up generating database questions + answers and vetting the AI's initial responses.	6	30
Steven Ragan	Worked on seeding questions and updating design doc to current specs.	6	36
Alex Elsner	Worked on backend functionality for chatbot and dashboard.	6	36
Casper Run	Developed the backend functionality for the vetting dashboard and set up the FlaskRestAPI service on the API server.	6	36
Alexander Kronau	Finished up vetting page 2nd iteration - vastly representative of the whole	6	36
Caden Murphy	Finished up chat - backend communication with help from Alex Elsner.	6	36

Plans for the upcoming week

- Ethan Comiskey - Work with the team to ensure all aspects of the project work together to create a functioning demo. Finish final touches with generating database questions + answers.
- Steven Ragan - Enter seeding them into the database making sure they can be accessed properly along with administrative duties such as Design doc and presentation. As well as make sure I'm able if the back end or front end needs my help.
- Alex Elsner - Continue to implement more features for the front end and do some security testing. Along with setting up a logging system. Work on final design document.
- Casper Run - Continue working on the backend FlaskAPI and implement more features with the front-end team. Continue updating the design doc with the final implementation
- Alexander Kronau - Minor tweaks to vetting page. Ensure current login solution is

sufficient

- Caden Murphy - Finish final touches UI/UX wise, get everything migrated to final site/server.