*EE/CprE/SE 491 WEEKLY REPORT 9*

*11/8/24 - 11/14/24*

*Group number:  sdmay25-07*

*Project title: Ask Captain Cyber*

*Client &/Advisor:  Doug Jacobson*

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

## Weekly Summary

This week our team's main goal was to continue developing our prototype for Ask Captain Cyber. Our backend team members worked on fixing recurring issues with Git so our team could functionally use it to update the repository. The front end worked on configuring elements of the front end of Ask Captain Cyber that are critical for user satisfaction. We are continuously updating our Git issue board so we can keep track of the status of the tasks that we need to complete for our prototype. We have been in contact with a person recommended by our advisor who is from the University of Iowa and has completed a similar project in the past. We are meeting with him tomorrow, 11/15, to discuss what made his project successful and any roadblocks we should be wary of for our development process. We also have updated our team website to show all the required information from project/team member descriptions and all of the documents we have completed thus far. Overall, we are on track to complete our prototype on time and have not faced any significant roadblocks

**Past week accomplishments**

- Ethan Comiskey - Began researching how to implement WPbot into our existing backend code, assisted in updating the website & updated the Git issue board.
- Steven Ragan - Looked into the WordPress AI bot we are considering and how some implementation works.
- Alex Elsner - Worked on development documentation and started to figure out how to get a local database set up to work on backend.
- Casper Run - Fixed Github repository and helped Alex Elsner with development environment documentation. Connected with Tyler Bell and set-up a meeting for the team to meet with him remotely.
- Alexander Kronau - Finished setting up a local environment for React frontend (nodejs) implementation, continued development of webpages, and website navigation testing.
- Caden Murphy - Added "About and FAQ" page to the React project. Added further description of project and began adding in Frequently Asked Questions

**Individual contributions**

| NAME | Individual Contributions<br>*(Quick list of contributions. This should be short.)* | Hours this week | HOURS cumulative |
|---|---|---|---|
| Ethan Comiskey | Researched how to integrate the WPbot plugin into the backend of our project, assisted website configuration, updated Git issue board | 6 | 56 |
| Steven Ragan | Look into the WordPress AI bot along with some coding. | 6 | 56 |
| Alex Elsner | Talking with Doug about getting access to the WP server itself in order to work on backend requirements. | 6 | 56 |
| Casper Run | Fixed Github repo and development environment. Helped develop documentation for the environment. Connected with Dr. Bell from UIowa. | 6 | 56 |
| Alexander Kronau | Tested existing React webpages, gained deeper understanding of existing backend, group website development, React development. | 6 | 56 |
| Caden Murphy | Continued frontend development, added "About and FAQ" page | 6 | 56 |

**Plans for the upcoming week**

- Ethan Comiskey - Configure Git bash to run local version of the server, begin configuring backend to support the WPbot
- Steven Ragan - Set up current captain cyber on local and see what implementation I can do.
- Alex Elsner -  Get the database set up locally so we can begin testing and adding new users. Along with hopefully getting started with frontend integration.
- Casper Run - Brainstorm questions for Dr. Bell. Assist Alex Elsner with copying the backend database for the website to the repository. Contact Doug and Iris regarding the backend.
- Alexander Kronau - Finish setting the other local environment for running the WordPress website using localWP. Continue testing React webpages. Research React implementation using localWP.
- Caden Murphy - Continue building frontend and adding more FAQ's, get frontend talking to backend