EE/CprE/SE 491 WEEKLY REPORT 08

Availability Prediction Based on Multi-Context Data

Week 8 Report

11/1/18-11/8/18

sdmay19-33

Client & Advisor: Goce Trajcevski

Team Members:

Justice Wright: Report Facilitator

Shane Impola: Scribe

Noah Chicchelly: Meetings and Communications Facilitator

Nick Schmidt: Software Systems Engineer

Tristan Anderson: Network Systems Engineer

Brendon McGehee: Hardware Systems Engineer

Weekly Summary

This week marked the transition toward an end of the semester facing approach on the project. A lot of work was put forth to shore up the backend in preparation for the final demo, as well as polish all other necessary areas. Further effort was put forth in the form of research to establish a solid jumping off point for next semester's progress, as to not stagnate as we approach this phase transition.

Past Week Accomplishments

PCB research and final demo - Brendon, Justice

- Looked into possible enclosures for hardware sensor portion of project
- Researched into final demo design and coding needed to implement the design
- Sent out order request for final demo hardware

Acquired server and prepared it for use - Noah, Shane

- Acquired an AWS
- Installed tomcat, apache, and other required elements to support our projects needs
- Worked on configuring all tools properly

Continued Research and app testing - Nick, Tristan

- Continue testing with Flutter GUIs
- Research potential solutions to analytics problems
- Work on final presentation and final documentation

Implementation of transceivers - Tristan

- Worked with existing libraries to understand usage.

Hours Report

Team Member	Weekly Hours	Total Hours
Justice Wright	6	39
Shane Impola	4	38
Noah Chicchelly	6	41
Nick Schmidt	5	39
Tristan Anderson	5	40
Brendon McGehee	4	42

Upcoming Week

Brendon

- Start assembling hardware for final demo presentation
- Work on Powerpoint for final presentation
- Implement changes to design document suggested by Goce

Justice

- Work on establishing setup for demonstration for the presentation
- Work on documentation/project changes at the behest of Goce
- Continue to refine progress plan for next semester

Noah

- Finish line of communication with front and back end.
- Put all of this together and start preparing for final demo presentation
- Continue work on design doc with Goce

Shane

- Work on revising the project plan and design doc
- Work on the final presentation

Nick

- Work on powerpoint for final presentation
- Work on design document and project plan

Tristan

- Conceptualize demo video for presentation
- Work on design document and project plan