

EE / CprE / SE 491 - sdmay20-19
To Online Shop or To Not Online Shop
Week 5 Report
October 28 - November 3
Client: Goce Trajcevski
Faculty Advisor: Goce Trajcevski

Team Members:

Amiah Gooding - Electrical Engineer
Matthew Martin - Report Manager/Scrum Master
Max Minard - Software Manager
Smruthi Sandhanam - Meeting Manager
Travis Stanger - Test Engineer
Yana Aleksandrova - Meeting Facilitator

Past Week Accomplishments

- Yana: Software decision meeting, user stories/database and app functionality, following with justification for all of these decisions
- Matthew: Began to design the database that will be implemented in AWS that fit the needs from our end-to-end scenarios. Met to discuss mobile application layouts and how it would be incorporated with database.
- Max: Met with other software develops to discuss mobile application layout and functionality.
- Smruthi & Amiah: Obtained Raspberry Pi 3 Model B, in the process of setting up and learning about Raspberry Pi and sensor integration.
- Travis: Met with group to discuss mobile application, finished design document v2, worked on team website

Pending Issues

- None

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Amiah Gooding	Looking at sensor integration	2	10
Matthew Martin	Updated the testing section of the	2	10

	design document to better incorporate the tests that will be taken for our project. Assisted with the diagram for end-to-end scenario.		
Max Minard	Updated sections of the design document and created the end-to-end use case scenario diagram for the overall system.	2	10
Smruthi Sandhanam	Setting up Raspberry Pi with computer.	2	10
Travis Stanger	Lightning talk, design document, met with team to discuss end-to-end scenarios	2	10
Yana Aleksandrova	Writing sections of design document, doing lightning talk, and working on software end to end behavior and modeling that	2	10

Plans for Coming Week

- Yana: Starting to work on the technical aspects of the application and getting software setup, with steps towards development
- Matthew: Create the project in XCode with the AWS integration and begin the development of the mobile application from previously meeting.
- Max: Setup initial project and start developing early drafts of the mobile application.
- Travis: Begin setting up project for development in XCode
- Smruthi and Amiah: Purchase barcode scanner. Finish setting up Raspberry Pi with computer. Try to create a circuit diagram.