

EE / CprE / SE 491 - sdmay20-19
To Online Shop or To Not Online Shop
Week 2 Report
October 7 - October 13
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

- Max - Created a rough draft of our system block diagram. Decided how to modularize each component of the project and establish connections between these modules to represent the overall system.
- Yana - Created GANTT chart with Matt for second lightning talk on Project planning, updated due dates and goals for the rest of this semester
 - Employed skills learned through the design thinking reflection into
- Matthew - Worked on the GANTT chart with Yana for the Lightning talk on project planning. Also began research in AWS.
- Travis - Worked on lightning talk on project planning, added my bio/member title for “About the Team” on the website
- Amiah - Did further research into RFID and Bluetooth and came to the conclusion on which device would best support pur project
- Smruthi - Further researched Raspberry Pi versus Arduino and came to the conclusion that Raspberry Pi would better suit our project.

Pending Issues

- Decisions are needed to be made on Arduino vs. Raspberry Pi, iOS vs. Android, and other relevant aspects of the project.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
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Amiah Gooding	Confirming to continue with RFID as our sensors	2	4
Matthew Martin	Lightning talk work, Timeline, and initial AWS research	2	4
Max Minard	Lightning talk contribution, system block diagram creation.	2	4
Smruthi Sandhanam	Lightning talk, research regarding getting data from RFID or barcode scanner	2	4
Travis Stanger	Lightning talk, team member title/bio	2	4
Yana Aleksandrova	Lightning talk GANTT chart and timeline planning	2	4

Plans for Coming Week

- Max - Look into AWS and decide on how we should initially split up software workloads and the type of software development processes we would like to pursue.
- Yana - work on reflection on Areas of professional responsibility, and continue to spec out ios application implementation
- Matthew - Look more into AWS and how to integrate it with project. Finish the areas of professional responsibility reflection
- Travis - Begin looking into AWS and more into iOS vs Android to see which would suit us better for development
- Amiah - Expanding on the differences between RFID and a just barcode scanner to see if it will be to our advantage to use both. Now that the type of sensors is closer to being finalized, I will begin researching different forms of power supplies such as will we be using a battery or trying to use an extension cord to the cabinet
- Smruthi - Figuring out how to integrate RFID or barcode scanner with the Raspberry Pi and see which would be better.