

CPRE 491 – WEEKLY REPORT 1

9/16/2019-10/6/2019

Group: SDMay20-51

Project: Location

Client: In Motion Care LLC

Advisor: Daji Qiao

Team Members:

Brandon Elizondo *Team Lead*

Kirkland Keith *Scribe / Communications Manager*

Suzanna Gudivada *Report Manager*

Austin Sehnert *Lead Software Engineer*

Benjamin Zaley *Lead Test Engineer*

Weekly Summary

This last week involved our team repeatedly meeting with our client to discuss their requirements and expectations from us. We discussed the technologies used by the previous teams working on the project and which we should use to add on to them and what we should create on our own. All the hardware our client is currently using is on site and we do not have access to it yet, but we have planned to go on-site at the end of the week to see the system in use and retrieve hardware for testing and implementation purposes.

Past Week Accomplishments

- Set up a defined scope with our client.
 - Sat down at client offices with multiple contacts of the client to discuss past implementations and necessary information. - All Members
- Defined use cases for dashboard requirements. - All Members
- Created issues on gitlab for team members - Brandon
 - Ran through requirements and goals to distribute work as needed
 - Most work is currently in learning and understanding technologies
- Researched different softwares for creating UX design. - Austin
- Researched current industry standard backend technologies to be used with the Location Care project.
 - Potential Backend technologies include: Java (Spring Framework), Ruby (On Rails Framework), Python (Django), Go(lang), and PHP. - Kirkland
- Familiarize ourselves with WISER Systems: Understanding tags, anchors, placement issues. - All Members
- Familiarize ourselves with client's current API. - All members

Pending Issues

One issue that we ran into during our first meeting with our client was the google cloud server was down. This issue was resolved before our second meeting with your client so we were able to view the current system. Another issue we have right now is we don't have access to the hardware. We should be getting 4 anchors and 1 tag to start working with on Sunday.

Individual Contributions

Name	Individual Contribution	Weekly Hours	Cumulative Hours
Brandon Elizondo	Looked into WISER Systems documentations, began putting work into learning the React JS framework for dashboard, created issues on gitlab.	10.5	10.5
Austin Sehnert	Working on initial screen design concepts. Understanding the Wiser API and other current practices of In Motion Care.	13	13
Suzanna Gudivada	Learning React JS Framework, researching WISER Systems, understanding the API provided by the client.	11	11
Benjamin Zaley	Understanding the current implementation of the system's API, exploring the current database for inefficiencies and other attributes.	12.75	12.75
Kirkland Keith	Looked into potential backend technologies to use with project, looked into already existing client API	12	12

Plans For Upcoming Week

- We will meet with our client on-site to view the system and take hardware back for testing off-site.
- We will meet with client's co-founders to discuss UI/UX designs.
- Create mock-ups of the dashboard for review and revision.
- Follow up with other workers to fill in missing information about the current back-end.
- Request floor plan of Green Hills Community Center.

Weekly Advisor Meeting Summary

We met with our faculty advisor and discussed the scope of our project. We were asked a lot of questions to help us better think about our project and define what exactly we needed to complete. During this meeting we were also able to create more questions that we needed to ask our client at our next meeting. Our advisor is currently out of town but we will meet with him again on Friday.