

CPRE 491 – WEEKLY REPORT 2

10/6/2019-10/12/2019

Group: SDMay20-51

Project: Location Care
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

Our team accompanied our client to go to Green Hills Community Center to checkout the facility and familiarize ourselves with the placement of the tags, anchors and architecture of the building. Our client showed us the current GUI offered by WISER and it's limitations. The tags offer two types of tracking: one shows the path and the other type predicts the tag's path. We want to experiment with these tags to find the setting more optimal to our client's requirement. We will be able to do further research on this issue once we have our GUI up and running. Through WISER System's instruction manual we discovered that the tags when indoors work best when placed within 50 feet distance between them.

Simultaneously we are making decisions on our dashboard designs. We presented screen drafts to our client. Our client liked the designs proposed and suggested we discuss further with our system's audience: Green Hills Community personnel.

Past Week Accomplishments

- Familiarize ourselves with WISER Systems: Understanding tags, anchors, placement issues.
- Familiarize ourselves with client's current API.
- Present screen sketches to our client
- Discussed our client's critique on the slide design proposed
- Visited Green Hills Community Center
- Implemented screen sketches in HTML files
- Understood the working of tags in our required environment on WISER's GUI

Pending Issues

Get access to the WISER GUI and the floor plan of the Green Hills facility. Meet with the founders of Green Hills Community Center to get functional requirements of the dashboard screens we will be implementing.

Individual Contributions

Name	Individual Contribution	Weekly Hours	Cumulative Hours
Brandon Elizondo	Began putting work into learning the React JS framework for dashboard.	6	16.5
Austin Sehnert	Altering screen design concepts. Understanding the Wiser API and other current practices of In Motion Care.	2.75	15.75
Suzanna Gudivada	Learning React JS Framework, researching WISER Systems, understanding the API provided by the client.	2	13
Benjamin Zaley	Understanding the current implementation of the system's API, exploring the current database for inefficiencies and other attributes.	2	14.75
Kirkland Keith	Researching potential backend technologies to use with project, looked into already existing client API	2.5	14.5

Plans For Upcoming Week

- Draft screens with further requirement.
- Get floor plan and access to WISER's current GUI from our client.
- Meet with client partners
- Put together plans for hackathon participation
- Receive anchors for testing
- Meet with Daji

Weekly Advisor Meeting Summary

Document the exact scope of our project to show it to our advisor. We didn't meet with our advisor this week since our schedules clashed but we have an in detail presentation put together to show him our ideology and the goals we have set for ourselves.