

# CPRE 491 – WEEKLY REPORT 6

11/10/2019-11/23/2019

Group: SDMay20-51

Project: CNAT

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

Over a period of two weeks our client, presented our skeleton website developed till this point to the founders of Green Hills Community. In first meeting with our client, we roughly discussed the critique and suggestions from the founders. Our client conveyed to us, that our work so far is not obsolete and we will be changing the website around parts and features we've developed so far. Front-end continued to work on developing the website, map and converting the JS framework to reactJS, and back-end discussed our requirements to implement new tables in the database.

Our next meeting with our client, he provided us with specifications for the improved website features. The upgrade is changing our website layout and some more features.

### New layout:

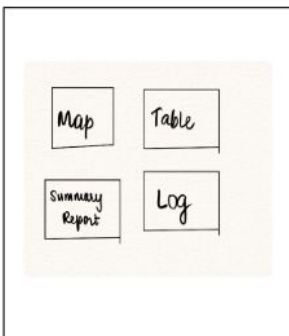


Figure 1. Homepage

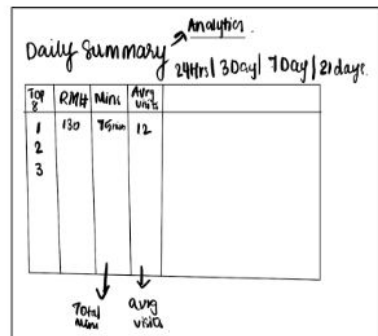


Figure 2. Daily Summary

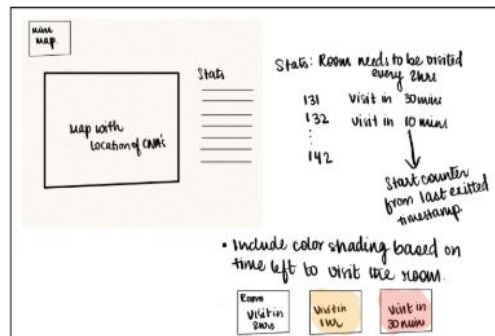


Figure 3. Map page

## Past Week Accomplishments

- Received opinions of Green Hills Community founders on our website.
- Set in stone our UI specifications.
- Met with the TA to review our design document.

## Pending Issues

Currently, we need to work on changing the layout of the front-end entirely by extracting the statistics from the tracking map into its own separate web application. This requires conceptualizing the new layout and deciding what components can and cannot be tied together or freed from each other. The back-end needs to redesign the database and create an entirely new one to be used in this project and the related ones. API calls need to be set up on both front-end and back-end and it still needs to be decided exactly how to do them.

## Individual Contributions

Name	Individual Contribution	Weekly Hours	Cumulative Hours
Brandon Elizondo	Started conceptualizing UI changes (breaking up use, API calls, usability, etc.)	3	49.5
Austin Sehnert	Replanned page-flows and UI layout based on new requirements.	4	42
Suzanna Gudivada	Finishing up floor map implementation and implementing the community map. Working towards redesigning the maps screen per the new requirements.	6	41
Benjamin Zaley	Salvaged old database tables and created a plan to rebuild database to facilitate efficient usage of data for our application	6	42.25
Kirkland Keith	Focused on designing the necessary controllers and repos for the backend in order to facilitate the necessary API calls required by the front end.	5	43.5

## Plans For Upcoming Weeks

- Update UI
- Redesign database
- Implement database
- Implement APIs in back-end front-end

## **Weekly Advisor Meeting Summary**

We met with our advisor on the 11/19 and we discussed our progress so far and then we showed our advisor our new UI designs for the website including the new requirements by our client.

Our next client meeting will be on 12/10 to do a pre-practice of our final project review with our advisor.