

# CPRE 492 – BIWEEKLY REPORT 1

1/13/2020-1/30/2020

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 the course of two weeks we've met with our client twice. Our first meeting was to remind us where we left off last semester and our client had more specifications for the system. We brainstormed ideas and deliverables, we ended the meeting with specifications to add more pages and a clearer skeleton to our webpage. Our second meeting was a workshop with our whole team, client and Green Hills Community Co-founders to gather specifications and requirements to complete extent. During the workshop, our team made quality progress on front-end and back-end.

During our workshop, client's requirements altered our previous semester's progress substantially. We spent these two weeks to construct the updated web page layout. We implemented routing among the application.

Simultaneously, we made progress on implementing some pages of the application, converting a prior existing application to be converted to ReactJS and implemented into our application, and implementing a room timer to hover a colored timer on the rooms.

Our back-end execution plan also changed a lot based on our client's new requirements. We implemented a new ER diagram based on the new requirements and made sure it is feasible with functioning of our front-end. We want to make sure by simultaneously cross-checking we minimize rework in the future based on Agile methodologies. Over the last two weeks we implemented and tested multiple controllers, entities, and SQL queries on back-end. Drafted schema for database with the new changes. Documenting and highlighting the changes from the old database to the proposed one.

## Past Week Accomplishments

- Participated in meeting with client and client's co-founders, where requirements and other pieces of key information were discussed to narrow scope of project
- Participated in a workshop on 1/25 in order to further communicate with co-founders and work together in an agile environment
- Implemented routing on the application.

## Pending Issues

Clarify with client on thumbnail specifications on the home screen, we need to debate between the usability and deliverability ease of implementing either most used pages or recently visited pages. Need to update our advisor on all the new changes requested by our client.

Need to get specifications from client for the Care Plan, client mentioned editing some functionality with the Care Plan.

## Individual Contributions

Name	Individual Contribution	Weekly Hours	Cumulative Hours
Brandon Elizondo	Worked over the last few weeks to create the layout and framework for routing through the app. Started implementing employee pages in the application and	17	17
Austin Sehnert	Worked on integrating the Care Plan application into our React application. Then changed features of the Care Plan to meet client specifications.	12	12
Suzanna Gudivada	Working on implementing the rooms and implementing the timer notification in the rooms.	8	8
Benjamin Zaley	Worked alongside client and co-founders to create ER diagram for database. Began drafting schema for database with proposed changes. Created documentation highlighting the changes from the old database to the proposed one.	11	11
Kirkland Keith	Based on Cofounder's updates, created ER diagram alongside Ben. Implemented and tested multiple controllers, entities, and SQL queries on back-end. Set up meeting with advisor.	10	10

## Plans For Upcoming Week

- Meet with Daji to discuss project changes
- Brandon Elizondo: Proceed working on implementing employee pages on the application
- Austin Sehnert: Work on integrating the Care Plan and receive complete specifications on Care Plan changes.
- Suzanna Gudivada: Implement the floor and institution map. Start working on the room timer.
- Benjamin Zaley and Kirkland Keith: Finalize database ER and work on db schema.

## Weekly Advisor Meeting Summary

Scheduled our meeting with our advisor for February 5th 2020.