

CPRE 492 – BIWEEKLY REPORT 4

2/28/2020/-3/12/2020

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*

Biweekly Summary

Over the course of the last two weeks, we had a lot of hours dedicated towards getting the front-end and back-end connected. Front-end worked on expanding the Administration pages and Careplan utilities. Our client sent us two screen designs and they were implemented. Back-end made alterations to schema encompass some more functionalities from clients. Created acknowledgment logging feature within DB for care plan. Back-end restructured the previously implemented database to improve efficiency. API requests for the frontend were implemented and tested as we implemented the functionality. Our team worked had two meetings to work on the presentation and the recording of the presentation. Overall in the last two weeks, we had three team worksessions and one 7 hours session at our client's workspace.

Past Weeks Accomplishments

- Progress on front-end
- Pages specified by the client have been implemented
- Database design implemented to improve efficiency
- Tested information flows from database to front-end.
- Peer Evaluation Presentation

Pending Issues

- More APIs need to be implemented to help more functionalities.
- Research between sending a group of location from either API calls or socket.
- Checkbox functionality in the Careplan
- Need to clarify with our client why he wanted two places where users are assigned usernames.

Individual Contributions

Name	Individual Contribution	Biweekly Hours	Cumulative Hours
Brandon Elizondo	Created and implemented an API Controller for the front-end that allows simplistic communication with the back-end. Implemented the page to add a new user. Created and implemented components to create and edit users. Compiled and edited peer review video	18	58
Austin Sehnert	Made "checkout" model, on Careplan application. Connected front end of Careplan table to backend data. Solved all warnings and errors on frontend. Worked on the peer evaluation presentation/recording.	17	50
Suzanna Gudivada	Worked on Client's request to add in two more screens to create new users from the login page. Faced issues with these two screen's addition to our router system. With a bit of debugging and the help of Austin, we were able to address it. Worked on the peer evaluation presentation/recording.	15	45
Benjamin Zaley	Made alterations to schema to incorporate new information from clients. Created diagrams for peer review presentation. Created acknowledgment logging feature within DB for care plan. Improved efficiency of current DB.	15	43
Kirkland Keith	Created and implemented multiple API requests for the frontend. These requests help to grab all of an employee's data for viewing/editing purposes, viewing the careplan table and editing said table.	17	49

	<p>Worked on implementing adding for creating brand new employees and careplan with the plan to work with the frontend to make these work.</p> <p>Recorded demo as part of peer presentation.</p>		
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Plans For Upcoming Weeks

- Brandon Elizondo: Finish API controller and its calls. Work on creating a socket connection with the back-end
- Austin Sehnert: Finish Careplan log and use APIs to connect to backend. Also fix checkbox issue on React Models.
- Suzanna Gudivada: Research the token method of flow of username/password to validate on the front-end. Work on implementing the facility map into the webpage.
- Benjamin Zaley: Begin writing scripts to populate DB with default values for Green Hills. Create user sets for testing of DB. Await further requirements from client.
- Kirkland Keith: Continue work on implementing add-type API requests for the frontend for creating new employees and careplans. Work with Brandon to begin adopting sockets for map use.

Client and Advisor Meeting Summary

We met with our client twice. The first meeting we asked questions about accessing some back-end stuff and gained access to put the Spring Boot java framework and it's functionalities on our client's cloud. We used the second meeting as a work session to do some work as a team and discussed the remainder of the semester's plan with our client.

We have scheduled our next meeting with our advisor on March 25th.