

SE 492 – sdmay21-44

Inpatient Therapy Scheduling Tool

Biweekly Report 2

Feb 8th-Feb 21st

Client: UnityPoint Health Des Moines

Faculty Advisor: Mathew Wymore

Team Members:

Alexis Cordts—*Team lead, Backend Developer*

Lucas Knoll—*Backend Developer*

Timothy Ngo—*Backend Developer*

Megan Bailey—*Frontend Developer*

Andrew Swenson—*Frontend Developer*

Veronica Torres—*Frontend Developer*

Weekly Summary

We divided the overall objectives of this week into frontend and backend. Frontend was responsible for completing skeleton page outline and frontend page movement and logic. Backend was responsible to continue to develop the API with a target completion of to be during the next biweekly period. We also met with our client to review progress and introduce the goals of the new semester.

Past two weeks accomplishments

Alexis Cordts: Development of the patient model, controller, service, and test for the API. Communicated with Unity Point on goals for semester and deployment of our application.

Lucas Knoll: Development of the patient activity model, controller, service, and test for the API.

Timothy Ngo: Development of the therapy model, controller, service, and tests for the API. Development of the Location model, controller, service, and tests for the API. Refactored original database schema to fix errors made upon creation first semester.

Megan Bailey: Development on the linking page movement across the frontend. Development of the create update and delete location UI and logic.

Andrew Swenson: Development of the room view UI and logic. Development of the create, update, and delete appointment UI and Logic. Helped in client meeting.

Veronica Torres: Development of the create, update, and deleting room UI and logic.

Pending Issues

Backend—Pending issue for how we are going to deploy the application and we are still waiting on material from client. Pending issue with database refactoring that will require more refactoring through completed endpoints.

Frontend—Pending issue waiting for backend to finish all API endpoint so they can start integration.

Individual Contributions

Names	Individual Contribution	Hours in 2 weeks	Hours Cumulative
Alexis Cordts	Patient API	13	25
Lucas Knoll	Patient activity API	12	24
Timothy Ngo	Database Refractor	16	30
Megan Bailey	Page flow, CRUD location	14	26
Andrew Swenson	RoomView	13	24
Veronica Torres	CRUD room	13	24

Plans for upcoming weeks

Complete API—*Alexis, Tim, Lucas*

We have 14 total Model/Controller/Services to complete to have the backend up and running properly. As of now we have 7 completed and are planning on completing the other 7 so we can release the code block to the frontend.

Finish Backend refactoring—*Alexis, Tim, Lucas*

Backend needed to refactor the database to match the standards we original missed in design.

This is top priority this week to release the code block on the rest of the API.

Complete page flow—*Megan, Andrew, Veronica*

Frontend is going to complete all of the code flow and pages, so we can receive relevant feedback for our client meeting.

Complete frontend UI—*Megan, Andrew, Veronica*

Frontend is going to complete all the frontend button and page layouts, for integration of back and frontend.

Client Meeting—*ALL*

Client meeting on 2/26 is going to be a live demo of progress so we can receive a lot of feedback for our next iteration of code.

Advisor Meetings

We met with Mat 2/9 and 2/26 for our weekly standup of progress. Additionally he gave us some advice on deployment code block.

We met with Mat and Unity Point 2/12 for a biweekly standup, progress review, and code refresh.