

SE 492 – sdmay21-44

Inpatient Therapy Scheduling Tool

Biweekly Report 5

Mar 16th-Mar 29th

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

As a team we are currently focusing on finishing the API and the frontend is working on integrating the live data into UI so the application functions properly. Since the last report we now have our application running on an Iowa State server. We have been receiving a lot of feedback from the client and been continuously refactoring it to their needs.

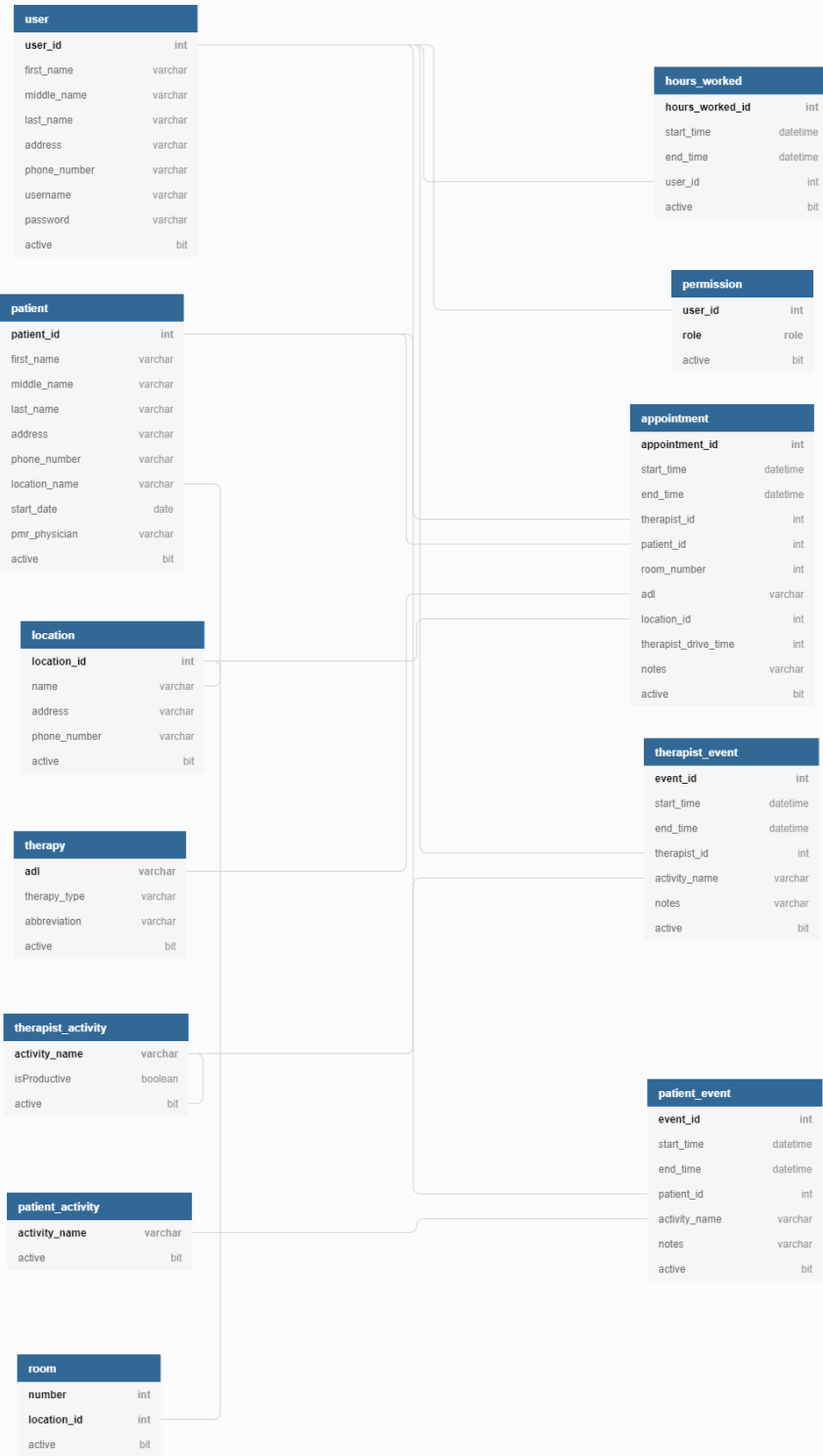
Past two weeks accomplishments

Alexis Cordts: Merged Patient controller, model, service, interface, and tests into the master branch. Completed the Room controller, model, service, interface, and test portion of the API. Worked on PIRM and documentation for the overall team.

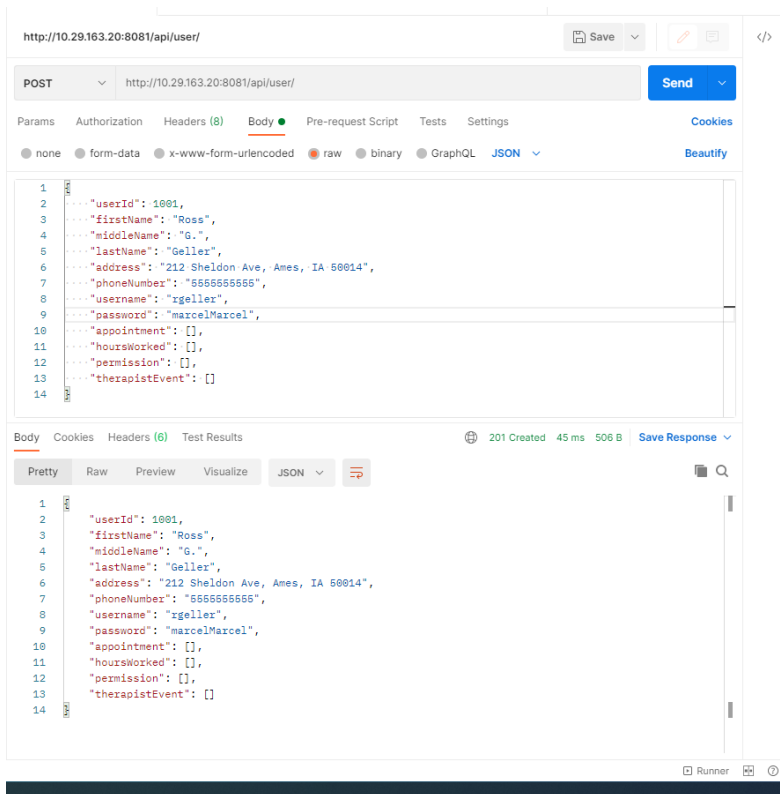
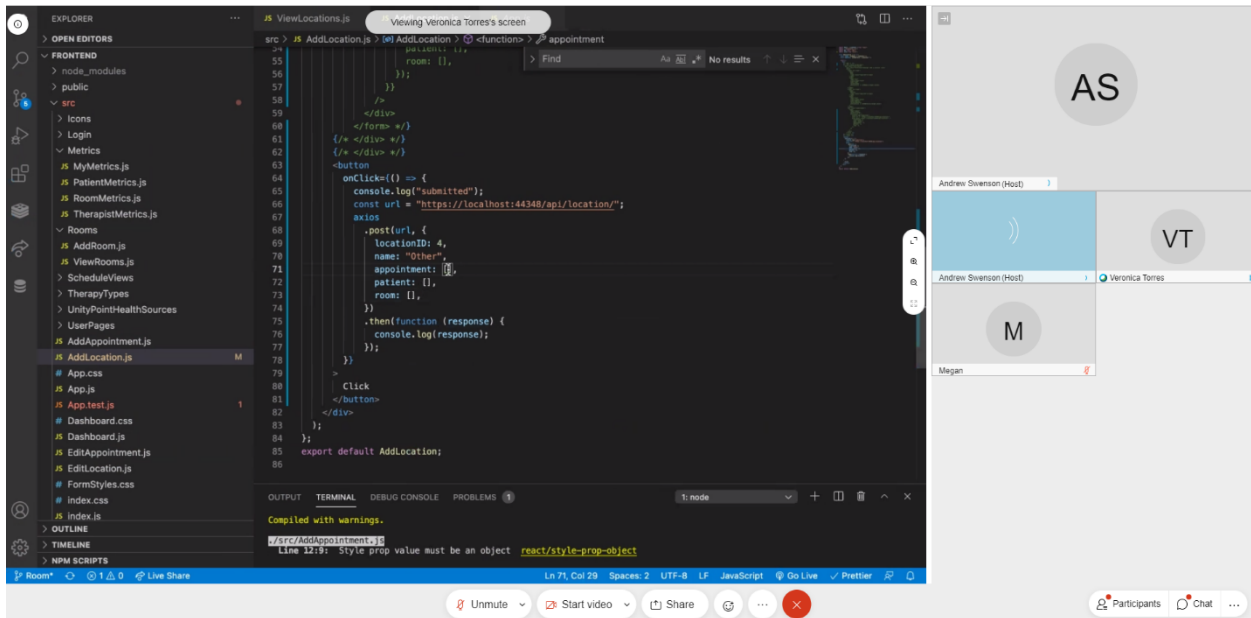
Lucas Knoll: Added more test functionality to HoursWorked and PatientActivity as well finished the model, controller, and most tests for PatientEvent.

Timothy Ngo: Manually test API endpoints, documented manual testing, refactored API to fix errors found in manual testing, added CORS library to allow React requests, configured QA server, deployed

web API to QA Server, and allowed public API requests.



Megan Bailey: Pair programming with frontend to integrate front and backend code and changed the UI for changing passwords for users.



Andrew Swenson: Made some small UI style changes, fixed a bug with a drop down in Firefox, fixed merge conflicts and merged my branch into master, started integrating frontend and backend with schedule view and add/edit appointment

Veronica Torres: Worked on integrating the Location request from the backend to the frontend and lead pair programming on integration.

Pending Issues

Backend—Pending new updates from the client on soft deletes of important data, more refactoring on the backend data based on the clients request. User authentication and security.

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	Room API and weekly documentation	12	56
Lucas Knoll	PatientActivity API and HoursWorked	16	57
Timothy Ngo	Refactoring, integration and Server setup	22	80
Megan Bailey	Integration and password changing	15	61
Andrew Swenson	Frontend bug fixes and integration	8	52
Veronica Torres	Integration	10	54

Plans for upcoming weeks

Complete API—*Alexis, Tim, Lucas*

Alexis: Appointment API

Lucas: PatientEvent API

Tim: Integration and refactoring

Research Azure AD—*Alexis, Tim, Lucas*

Frontend integration—*Megan, Andrew, Veronica*

Backend is sending endpoints to front end so that the application can be connected from frontend and backend.

Client Feature Updates—*All Team*

Permission on Printing capabilities

Delete confirmation

Soft delete—Patient Database refactor

Auditing for HIPPA

Advisor Meetings

3/16 met with Mat for standup

3/23 met with Mat for standup

3/26 met with client and got clearer requirement questions answered from the product owner