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CS-375: Software Engineering

22 February 2023

Weekly Standup Reflection #2

Following last week's sprint, I began setting up our React/Redux.js front-end development environment and created the file structure for our Node/Express.js server-side development. I created a Header component that contains a navigation bar leading to the various routes of our application in addition to a button that toggles a modal displaying a login/registration form component. Following this, I began tackling user authentication, implementing a token system using JSON web token and creating the API endpoints on the server for validation checks. Upon form submission, the client sends a request to the server, which responds to the client indicating whether the registration/login is successful and a web token if so. Aside from user authentication, I began setting up the Redux store, which will act as a global container for our application's state and properties.

With this in mind, we hope to finish developing our database schema prior to the next sprint and integrate our database tables into our application, enabling us to perform validation checks when a user attempts to register or login. Furthermore, the database tables and the Redux store will go hand-and-hand because the client will request all the necessary information about the user from the server and store it in our Redux store, allowing us to access that information throughout our various components and routes. I hope to fully finish setting up this architecture

after we integrate our database tables into the application. Now, we are not experiencing any technical challenges because we are still completing our design report.

To help me improve on my personal and professional development, I want to improve upon assigning more tasks and duties to my groupmates since I have been doing the bulk of the coding up to this point. With the integration of the database, however, Matt and Kacey will work to construct and normalize the database tables, allowing me to help them develop it in code.

We successfully produced a prototype for this sprint that models the header component, and the user authentication forms, allowing users to receive a token from the server upon submission. We plan to polish this prototype before next week's sprint by using the database tables to do validation checks on the server side.

Below is the current state of our Gantt chart. We currently have not assigned point people to each task because many of us are still learning the necessary web development tools.

[illegible]