

Week 3 Progress

Repair Scheduling Website

This involves creating a folder in the directory of your choice and giving it a name. For nodeJS, for one to initialize a project we use **npm init -y**. We then make a file in the root folder and name it **server.js**. The next step is to install Express which is going to build our server. This is done using **npm i express**. In the server.js we define our express server and give it a port. The next step is to initialize a ReactJS project. This is done using **npx-create-react-app client**.

MongoDB setup and connection

In MongoDB we are going to set up an account that will hold our database. We choose to use MongoDB Atlas as it provides a free tier.

The next step is to install mongoose into our project using **npm i mongoose**. Using the connect function in mongoose, we are going to connect to our MongoDB Atlas database using the URL provided in the cluster.

After confirming the connection works, we are going to define the schemas of our database. The schemas of the database do hold the structure of the data to be stored and the data types to use.

Not done

In the project, we are yet to set up an API and test its functionality. Testing can be done using tools like Postman.