

Server.js File

- This is a file that is responsible for creating the web server that will be used to host the web application. This is basically the foundation of the entire app; without this file nothing runs. In this file, a number of important packages are required so that they can be used throughout the development of the application. This file can be used for the configuring the middleware needed for authentication in the app.
- This file basically connects to everything and every aspect of the development so that it brings them together for the app to run effectively.

Routes/api-routes.js & html-routes.js

- The html routes file helps with rendering all the routes (html pages) of the application using the path package (by Nodejs)
- The api-routes file is important in the sense that it implements the CRUD method in creating RESTful API for the application. This file is used to get and create information from the database based on what the user inputs on the front end. This file is also responsible for storing all the user's information based on the parameters set within the database.

Public/login.html & members.html & signup.html

- The login.html file is the static login page of the application
- The members.html file is the static members page of the application
- The signup.html file is the static signup page of the application

JS/login.js & members.js & signup.js

- The login.js file connects to the login.html file by adding functionality to the static page. In other words, granting login ability to users. This file also connects to the API routes in order to help retrieving and utilizing information from the server-side API
- The members.js file connects to the members.html file by adding functionality to the static page. The file also connects to the server-side user data API which will be used to get the members information
- The signup.js file connects to the signup.html file by adding functionality to the static page. This file also connects to the API routes in order to help retrieving and utilizing information from the server-side API.

Stylesheets/style.css

- Style CSS is responsible for the styling of the application

Models/index.js & user.js

- Index.js is boiler plate code that is responsible for configuring and implementing sequelize within the database. This file is important in maintaining and optimizing the use of MYSQL database for the application.
- User.js is the file that contains the user model of the application used for the database

Config/config.json

- The config.json file is used to show the default settings of the application during development, test, and production. These default settings can always be changed depending on whatever database system is being used

Middleware/isAuthenticated.js

- This file is basically middleware for restricting routes a user is not allowed to visit if not logged in
- Passport.js is a file used as an authentication middleware for Node.js in the application. This file is basically used to authenticate requests.