PERN App Folder Structure

Src

↳ actions : functions to do task, Ex: createUser() to create a user in the database

↳ components : holds React components. Each component should get their own .jsx file (Make sure this a .jsx file and not a .js file) Ex: file for a Book component → Book.jsx

↳ models : will hold Sequelize models to interact with the database. Each model should get their own .js file. Ex: Model to get user in database would be user.js

↳ routes : will hold Express routes used to create the Restful API. Ex: Function to handle /postUser endpoint

↳ utils : will hold any useful helper functions to be used anywhere in the project. Ex: isValidText()

Server

Will hold all server logic inside server.js file

Note: The actions, models, and routes folders will each have an index.js file. The purpose of the index file is to import all of the exports of the folder and export all of them from a single place in the folder. Having an index file allows the usage of the require keyword in Node.js to import all the exports of a folder. The require keyword looks for an default index.js file to get the exports from.

The actions and routes folders will also have an api.js file. This file will contain all the necessary functions needed to perform tasks. Think of it as a library you can import anywhere in the project and have the needed functionality.