

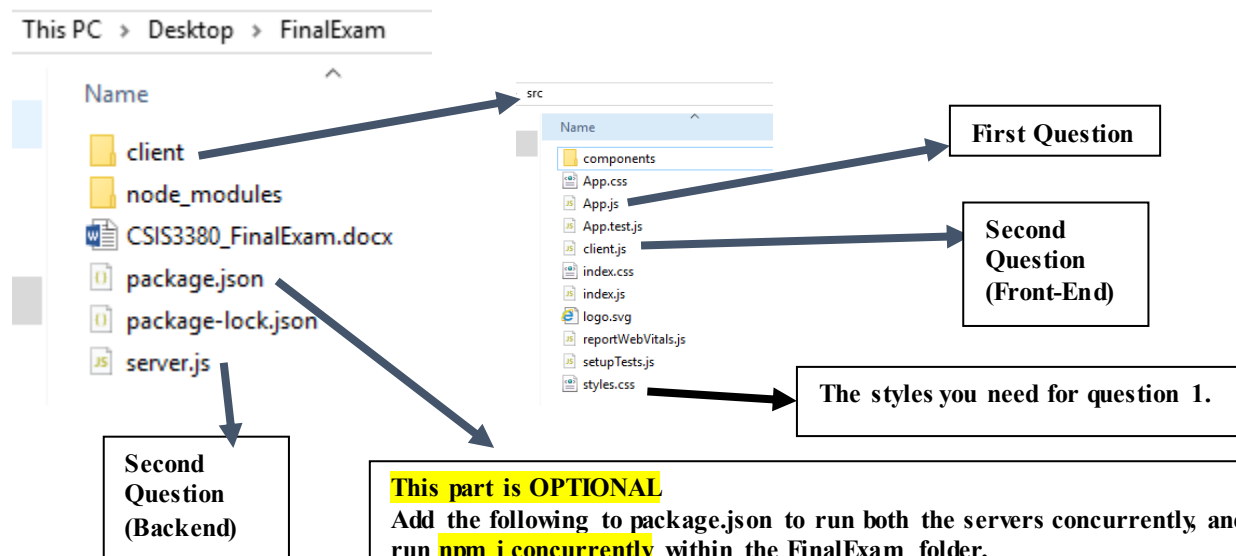
CSIS 3380 Exam – Environment Set up

Begin by downloading the **FinalExam** folder from Blackboard or you can create your own FinalExam folder. Then, create a react app named **client** within this folder. Inside the **src** subfolder, the App.js file should contain the answer to the first question.

Next, create a **client.js** file within the **src** subfolder. The **client.js** should contain the code (front-end UI) for the second question. If you need to create additional .jsx files, make a **components** subfolder inside **src** and place all additional components within this.

Next, create a node server inside the **FinalExam** folder by running `npm init` command. The starting point should be **server.js** file. This file should contain the backend and the database connections for the second question.

Look at the directory structure below:



This part is OPTIONAL

Add the following to **package.json** to run both the servers concurrently, and run **npm i concurrently** within the FinalExam folder.

```
"scripts": {  
  "test": "echo \"Error: no test specified\" && exit 1",  
  "backend": "nodemon ./server.js",  
  "frontend": "npm start --prefix client",  
  "dev": "concurrently \"npm run backend\" \"npm run frontend\"",  
}
```

To run the application, use **npm run dev** from within the FinalExam folder.

Make sure you set up the proxy in the **package.json** file found within the **client** folder:

```
"proxy": "http://localhost:5000/",
```