

Setup

Required & Recommended Programs

1. Node.js

You will need the latest version of Node.js on your machine for this assignment. You should verify that the following commands run and give a reasonable output on your terminal:

```
npm -v
```

```
node -v
```

The recommended Node version is 14.17.x, where x can be any number, but older versions of Node would probably work as well. If you have problems with older Node versions, you should update!

2. Code editor

You will also need to use the (built-in) terminal for your operating system and should have a code editor (with the ability to open .md, .js, and .json files).

We highly recommend that you use Visual Studio (VS) Code (as the code editor and its built in terminal).

3. XCode

You will also need to install the XCode command-line tools (if you are using a Mac). To do this, run:

```
xcode-select --install
```

4. Web Browser

You will also need a web browser. We recommend [Google Chrome](#), but most major browsers will support equivalent functionality.

Getting Started

1. Open a new terminal (on VS code) and cd into the server folder, then run npm install:

```
cd server  
npm install
```

This will download and save the required dependencies into the node_modules folder within the server directory.

2. Start the server application by running the command npm start within the /server directory in the terminal window:

```
npm start
```

3. Open a new terminal (on VS code) and cd into the app folder, then run npm install:

```
cd app  
npm install
```

This will download and save the required dependencies into the node_modules folder within the app directory.

Note: You might encounter some warnings about deprecated dependencies and vulnerabilities, but you can safely ignore them for this assignment

4. Start the React application by running the command npm start within the /app directory in the terminal window

```
npm start
```

5. Once you run the above command, your default browser should open up a window to localhost:3000 (you might need to wait a few seconds for it to load).