

All Dependencies we've currently have used is

1. Link : <https://nodejs.org/en/>

Description: Node.js is an open source cross-platform Javascript runtime environment

Initial Steps for instantiating/building the project to have React files

1. `npm init react-app reactjs` (Professor and TA do not need to do this as the dependencies and libraries are already implemented and installed in the project.)

To run the build process to create an executable version of the product.

1. Go to Link:<https://github.com/HelianthusNS/Coen174>
2. Then we have to download the project from Github, you can do this by pressing the green <> Code button on the github link and downloading the zip file.
3. After everything is downloaded, we can go into the the directory and then cd into the folder `.\jamify\`
4. In the folder type the command: `npm start`
5. Now it will say that you
Local: <http://localhost:3000>
On Your Network: <http://192.168.56.1:3000>
6. Now you can visit <http://localhost:3000> to check the build. This will be our first unit testing infrastructure and from seeing this our logo you can see that our smoke test verified that the testing infrastructure is working.



Figure 1: Our logo

- A link to the unit testing framework you're using

- The source code of the first test you wrote

```
import logo from './logo.svg';
import './App.css';
function App() {
  return (
    <div className="App">
      <header className="App-header">
        <p> Jamify Testing </p>
         <a href="home.js"> Home
</a>
        <a href="home.js"> Home </a>
        <img src={logo} className="App-logo" alt="logo" />
        <p> Edit <code>src/App.js</code> and save to reload.</p>
        <a
          className="App-link"
          href="https://reactjs.org"
          target="_blank"
          rel="noopener noreferrer">
            Learn React
          </a>
      </header>
    </div>
  );
} export default App;
```

- A screenshot of, or copy-pasted text from, your dashboard / test report (showing that you've got at least one passing test). Most test runners will create a report for you that shows which tests are passing and failing automatically.

```
Windows PowerShell
PS C:\Users\eason\OneDrive\Documents\react> cd .\reactjs\
PS C:\Users\eason\OneDrive\Documents\react\reactjs> npm start

> reactjs@0.1.0 start
> react-scripts start

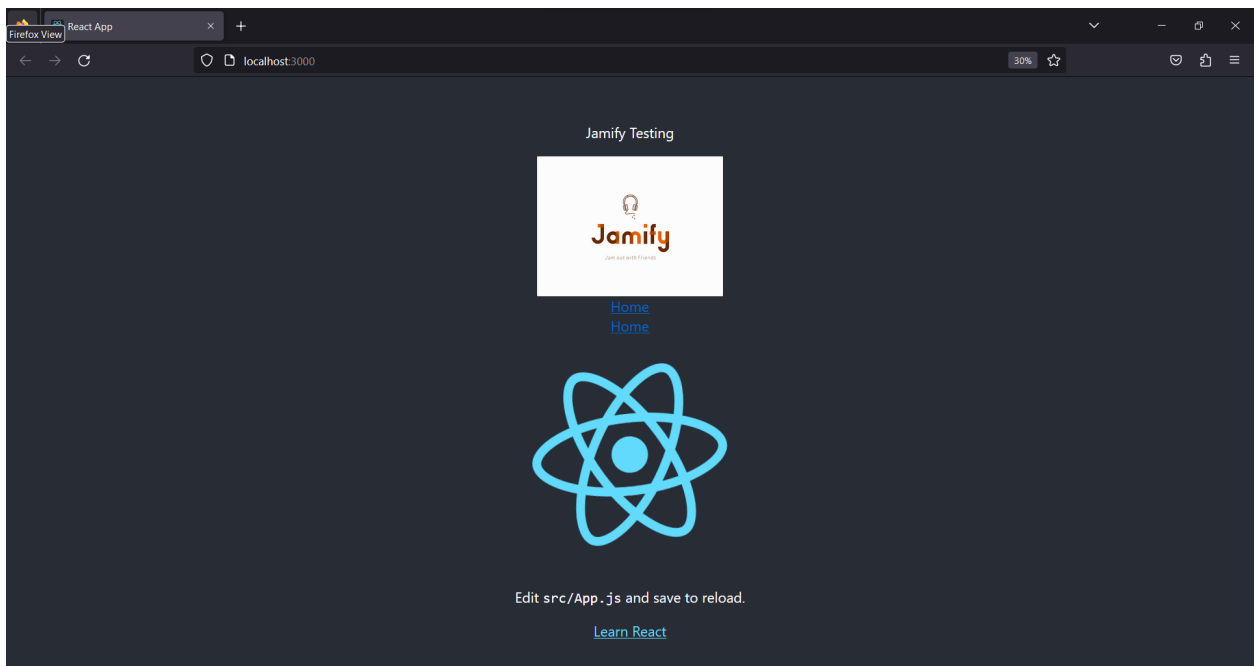
(node:29340) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
(node:29340) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
Starting the development server...
Compiled successfully!

You can now view reactjs in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.56.1:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
Terminate batch job (Y/N)?
Terminate batch job (Y/N)? y
```



Notes

: npm and init are scripts in the package.json files.

To consistently create updates through branching:

Consult this link:

https://www.youtube.com/watch?v=e2lbNHi4uCI&ab_channel=freeCodeCamp.org
