CheckMate V2

Tip: Fixing this error: - options.allowedHosts[0] should be a non-empty string.
Tip: Fixing Macbook deploy issues
Tip: Comparing both versions of CheckMate

Tip: Comparing both versions of CheckMate
CheckMateV2 is my favorite:
Pros: It's a smaller bundle (it does not use more webpack (ver 5), it builds 200% faster
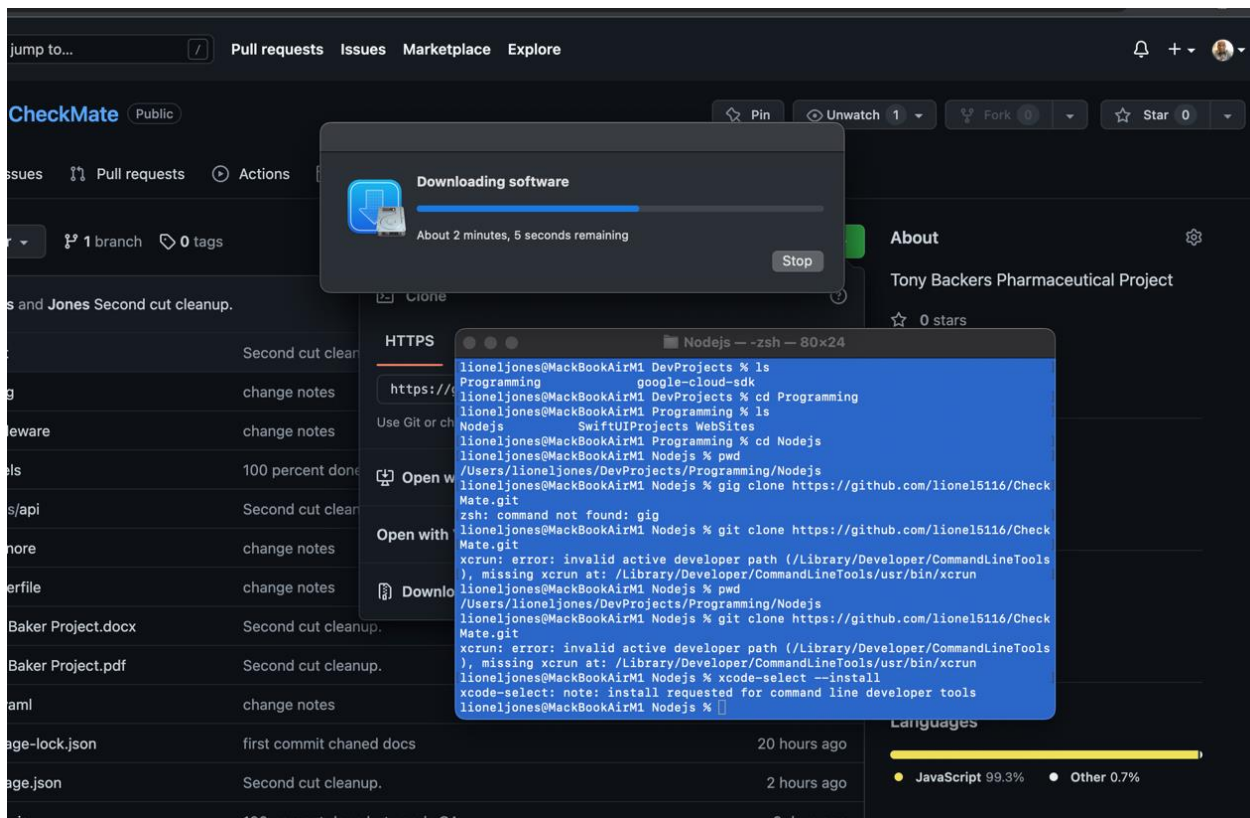When you make changes, it reloads faster.
It does crash when you deploy to Heroku

Cons:
It has a huge set of warnings with bootstraptablenext (but it still works tho)

Tip: Fixing Macbook deploy issues
For the error below when trying to clone the repo

```
lioneljones@MackBookAirM1 DevProjects % ls
Programming          google-cloud-sdk
lioneljones@MackBookAirM1 DevProjects % cd Programming
lioneljones@MackBookAirM1 Programming % ls
Nodejs          SwiftUIProjects WebSites
lioneljones@MackBookAirM1 Programming % cd Nodejs
lioneljones@MackBookAirM1 Nodejs % pwd
/Users/lioneljones/DevProjects/Programming/Nodejs
lioneljones@MackBookAirM1 Nodejs % gig clone https://github.com/lionel5116/Check
Mate.git
zsh: command not found: gig
lioneljones@MackBookAirM1 Nodejs % git clone https://github.com/lionel5116/Check
Mate.git
xcrun: error: invalid active developer path (/Library/Developer/CommandLineTools
), missing xcrun at: /Library/Developer/CommandLineTools/usr/bin/xcrun
lioneljones@MackBookAirM1 Nodejs % pwd
/Users/lioneljones/DevProjects/Programming/Nodejs
lioneljones@MackBookAirM1 Nodejs % git clone https://github.com/lionel5116/Check
Mate.git
xcrun: error: invalid active developer path (/Library/Developer/CommandLineTools
), missing xcrun at: /Library/Developer/CommandLineTools/usr/bin/xcrun
lioneljones@MackBookAirM1 Nodejs % xcode-select --install
xcode-select: note: install requested for command line developer tools
lioneljones@MackBookAirM1 Nodejs %
```

I had to run the command to update my xcode tools
xcode-select –install

This is common everywhere

see the message
npm install –force

I have to use this everywhere, even in my deploy scripts for Heroku

Tip: Fixing this error: - options.allowedHosts[0] should be a non-empty string
While doing npm run start, I was getting ERRORS , no matter what I did. The way I fixed it was to remove the proxy entry from the package.json file

```
49          not op_mini all
50        ],
51        "development": [
52          "last 1 chrome version",
53          "last 1 firefox version",
54          "last 1 safari version"
55        ]
56      }
57    }
58
```

I am not use a proxy anymore anyway.

I decided to create another version of the app without webpack – causing too many issues

https://reactjs.org/docs/create-a-new-react-app.html

https://react-bootstrap.github.io/getting-started/introduction/

npm install react-bootstrap bootstrap

In Index.js

```
JS index.js M ×        JS NavbarMain.js U        JS App.js M

src > JS index.js > ...
        You, 1 second ago | 2 authors (p00149021@houstonisd.org Mag17615@7 and others)
   1    import 'bootstrap/dist/css/bootstrap.min.css';
   2    import 'bootstrap/dist/js/bootstrap.bundle.min';          You, 1 second ago • Und
   3    import React from 'react';
   4    import ReactDOM from 'react-dom/client';
   5    import './index.css';
   6    import App from './App';
   7    import reportWebVitals from './reportWebVitals';
   8
   9    const root = ReactDOM.createRoot(document.getElementById('root'));
  10    root.render(
  11      <React.StrictMode>
  12        <App />
  13      </React.StrictMode>
  14    );
  15
  16    // If you want to start measuring performance in your app, pass a function
  17    // to log results (for example: reportWebVitals(console.log))
  18    // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
  19    reportWebVitals();
  20
```
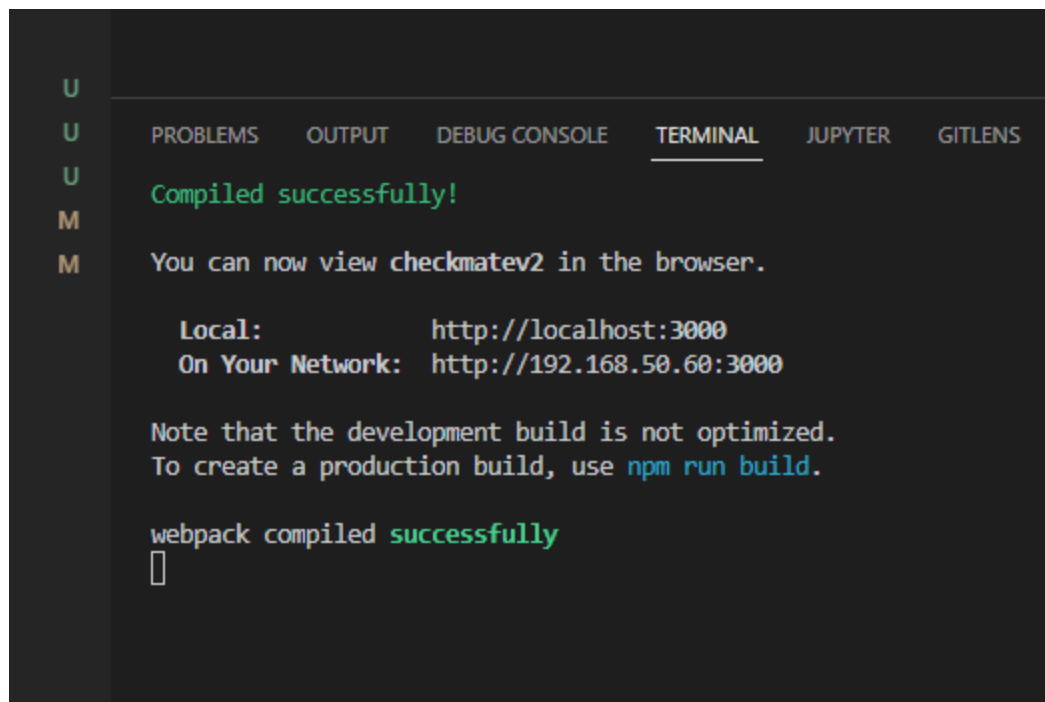
And so far, no warnings

npm install react-router-dom –save

npm install react-router-dom@5.2.0 react-router@5.2.0

And this is all we need to do to get the initial bootrap to work
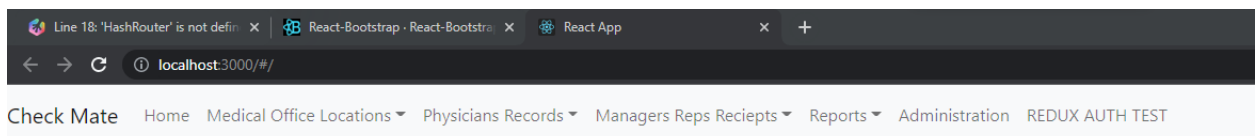
```
Line 18: 'HashRouter' is not defin ×   React-Bootstrap · React-Bootstra ×   React App            ×   +

← → C   ⓘ localhost:3000/#/

Check Mate   Home   Medical Office Locations ▾   Physicians Records ▾   Managers Reps Reciepts ▾   Reports ▾   Administration   REDUX AUTH TEST
```

```
U
U      PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    JUPYTER    GITLENS
U
       Compiled successfully!
M
M      You can now view checkmatev2 in the browser.

         Local:            http://localhost:3000
         On Your Network:  http://192.168.50.60:3000

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

       webpack compiled successfully
       []
```
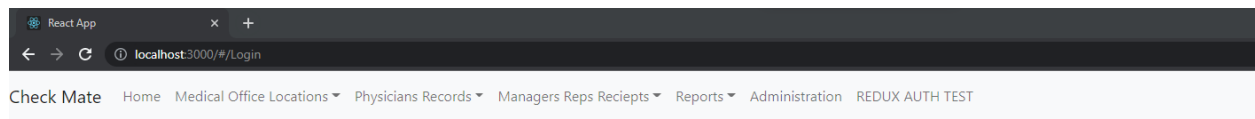
npm i axios

npm i redux-devtools-extension

Install all of this for REDUX
npm i react-router-dom redux react-redux redux-thunk moment react-moment

And after adding REDUX, it still builds fast
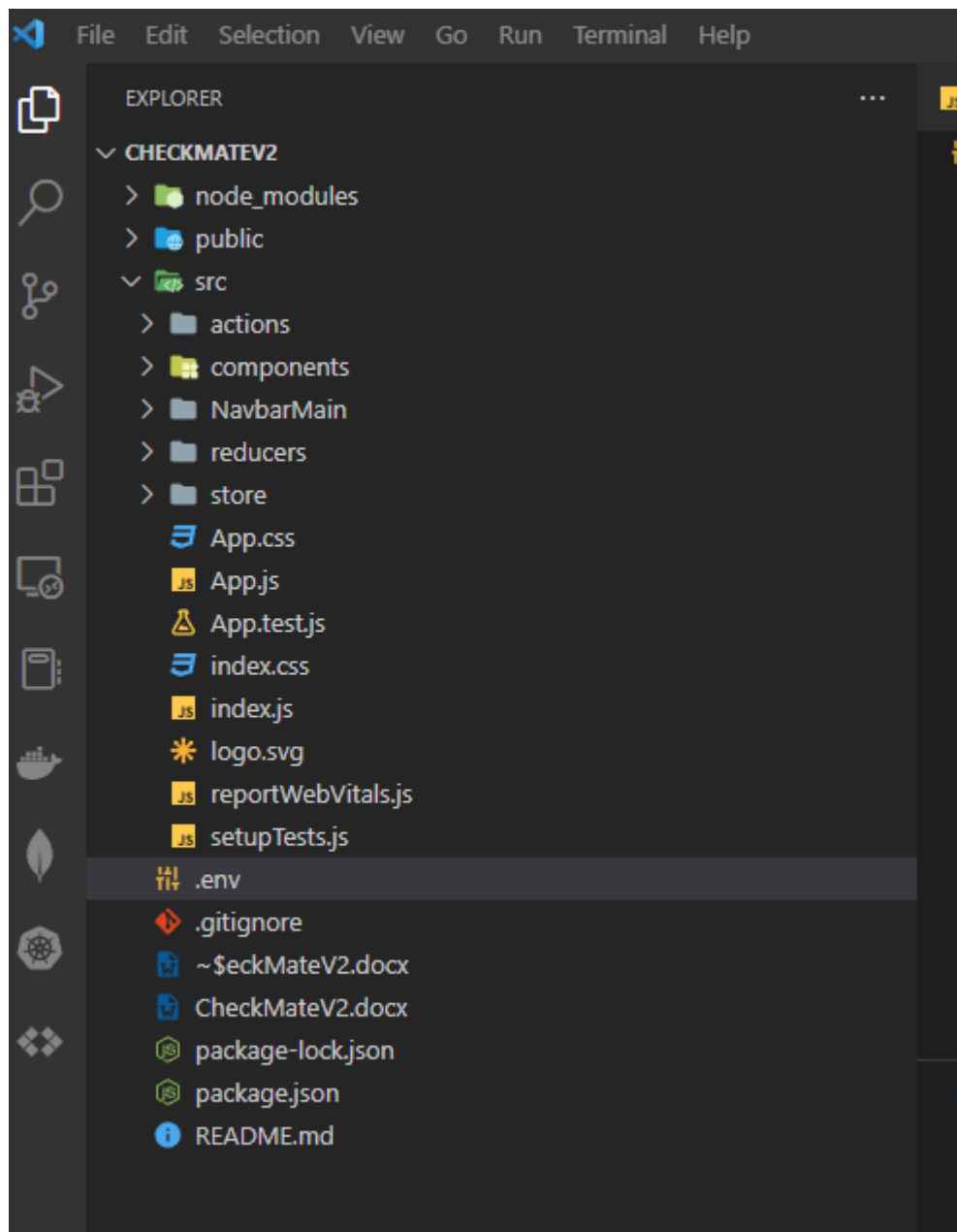
I have the base code:

And its lightning fast

To allow for environment variables
npm i env-cmd

Make sure you put it at the root

So the login screen and register screen is finished

ome   Medical Office Locations ▾   Physicians Records ▾   Managers Reps Reciepts ▾

localhost:3000 says

User Successfully Logged in!!!

OK

CheckMate Login Scree

Enter your Login Credentials

Email address

Enter email

Password

Password

Sign In

Dont' have an account   Sign Up
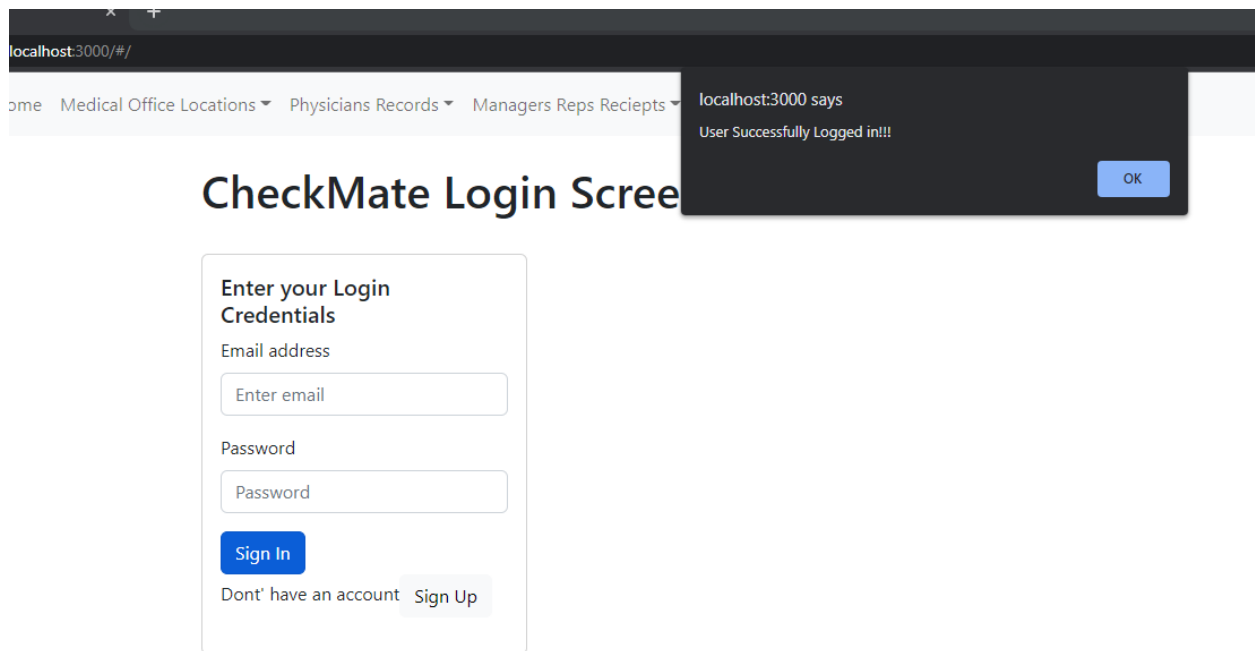
For the bootstrap tables, I had to use the –force with it


```
10        "bootstrap": "^5.2.2",
11        "env-cmd": "^10.1.0",
12        "moment": "^2.29.4",
13        "react": "^18.2.0",
14        "react-bootstrap": "^2.5.0",
15        "react-bootstrap-table-next": "^4.0.3",
16        "react-bootstrap-table2-filter": "^1.3.3",
17        "react-bootstrap-table2-paginator": "^2.1.2",
18        "react-bootstrap-table2-toolkit": "^2.1.3",
19        "react-dom": "^18.2.0",
20        "react-moment": "^1.1.2",
```

i:e npm install react-bootstrap-table2-toolkit –force
npm i uuid

It built and I placed it out on Heroku

```
23        "mongoose": "^6.4.6",
24        "mongoose-unique-validator": "^3.1.0",     p00149021@houstonisd.org Mag17615@7, 45 minutes ago • first commi
25        "request": "^2.88.2"
26      },
27      "devDependencies": {
28        "concurrently": "^7.5.0",
29        "nodemon": "^2.0.20"
30      }
31    }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   JUPYTER   GITLENS

```
remote:        found 0 vulnerabilities
remote:
remote: -----> Build succeeded!
remote: -----> Discovering process types
remote:        Procfile declares types      -> (none)
remote:        Default types for buildpack -> web
remote:
remote: -----> Compressing...
remote:        Done: 102.8M
remote: -----> Launching...
remote:        Released v3
remote:        https://enigmatic-woodland-84355.herokuapp.com/ deployed to Heroku
remote:
remote: Starting November 28th, 2022, free Heroku Dynos, free Heroku Postgres, and free Heroku Data for Redis® will no longer be ava
remote:
remote: If you have apps using any of these resources, you must upgrade to paid plans by this date to ensure your apps continue to r
gram by the end of September. Learn more at https://blog.heroku.com/next-chapter
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/enigmatic-woodland-84355.git
 * [new branch]      master -> master
PS C:\DevProjects\Programming\Nodejs\checkmatev2> |
```

AssetMgmtServiceProject   p00149021@houstonisd.org Mag17

But it says not found:

enigmatic-woodland-84355 | Her ✕   Error   ✕   +

← → C   🔒 enigmatic-woodland-84355.herokuapp.com

Not Found
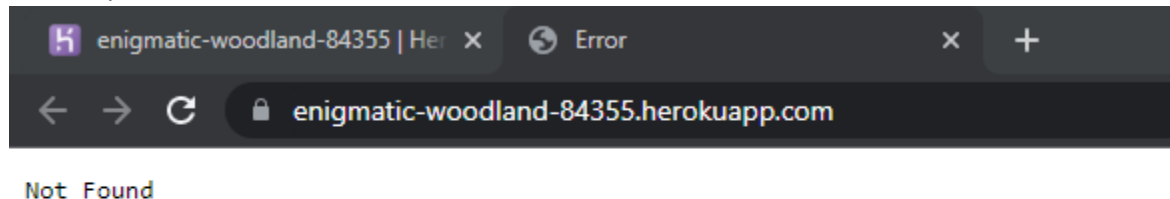
How long it takes me to copy over a screen:
Starting one at 8:20 – 8:24 (Took four minutes)
Finished all other screens at 8:40 – lightning fast