

# Documentation for COVID19 Tracker

Members: Asad Siddiqui

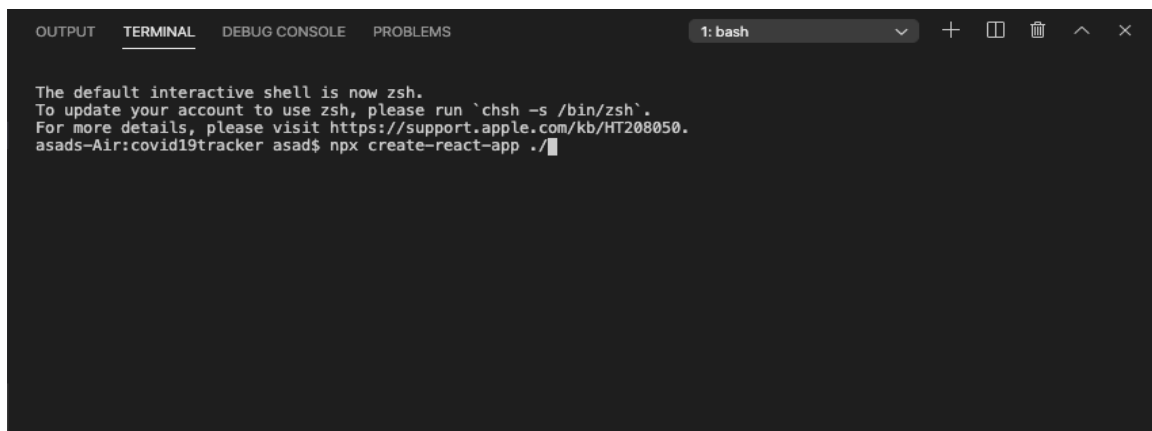
Project Name: Covid19 Tracker

Project Details: User can view information on Covid19 cases for infected, recovered and deaths on descriptive charts to help visualize statistics of the pandemic in current times.

## Install:

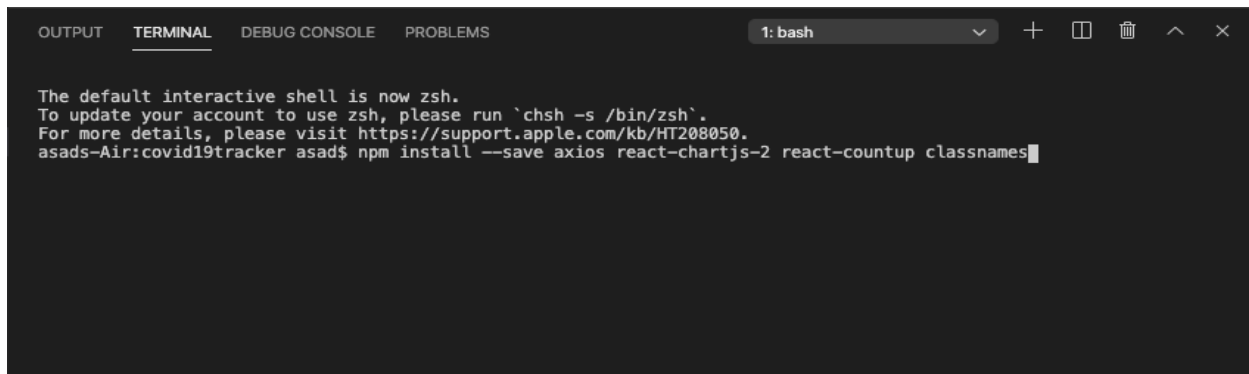
Prerequisites: You must have Node.js installed

1. Download and extract files from GitHub link: <https://github.com/asadsidd16/Covid19Tracker>
2. Install react app in a folder directory using: `npx create-react-app ./`



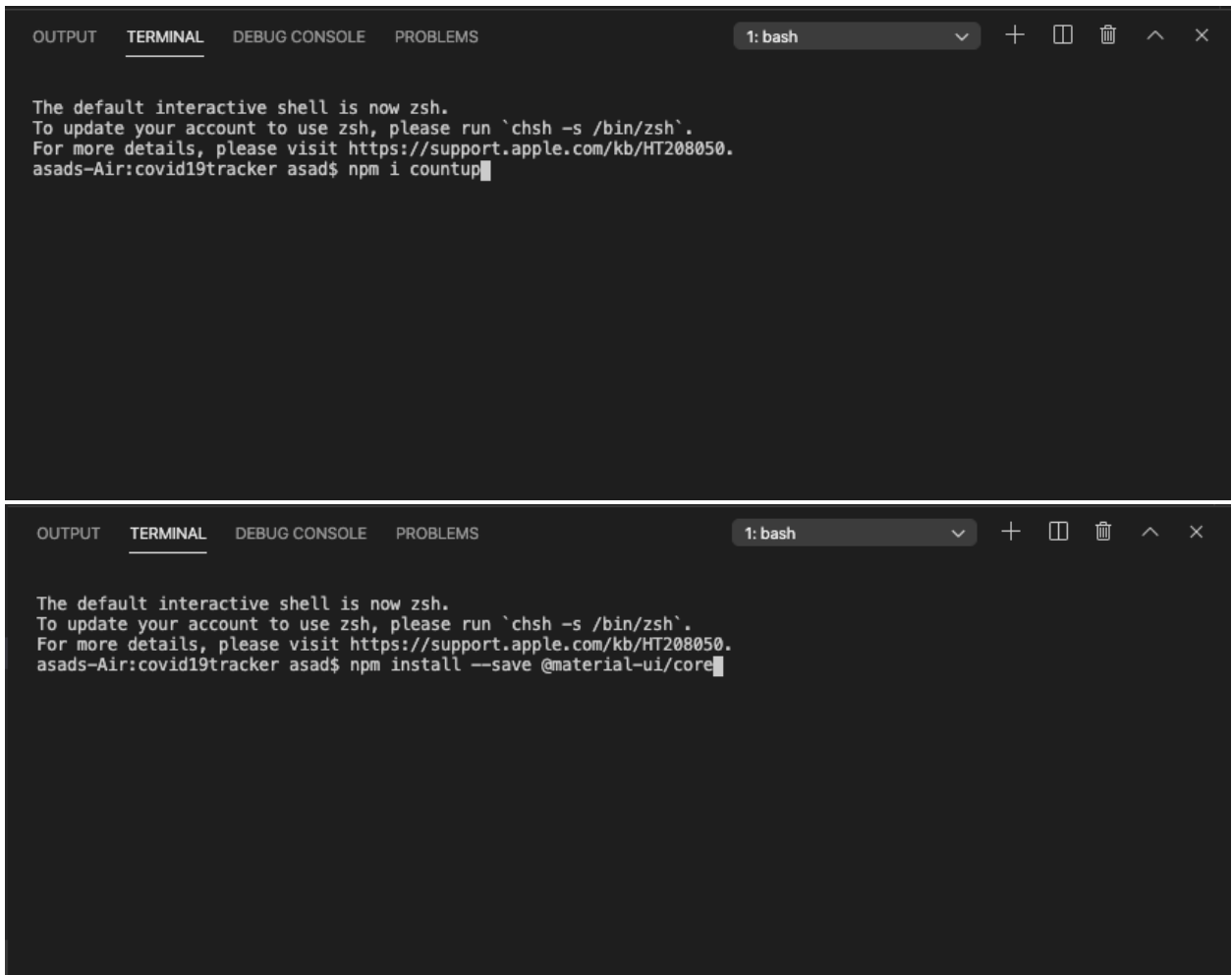
```
OUTPUT  TERMINAL  DEBUG CONSOLE  PROBLEMS  1: bash
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208050.
asads-Air:covid19tracker asad$ npx create-react-app ./
```

3. In terminal in same folder as react app run: `npm install --save axios react-chartjs-2 react-countup classnames`



```
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To update your account to use zsh, please run `chsh -s /bin/zsh`.
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asads-Air:covid19tracker asad$ npm install --save axios react-chartjs-2 react-countup classnames
```

4. In terminal you will also need to install material-ui and countup

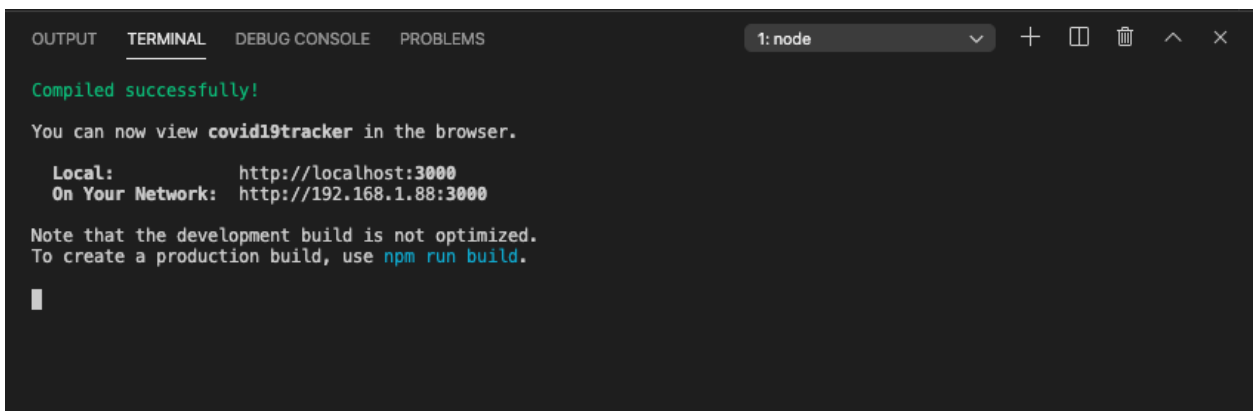


The image shows two screenshots of a terminal window. The top screenshot shows the terminal with the prompt 'asads-Air:covid19tracker asad\$' and the command 'npm i countup' entered. The bottom screenshot shows the terminal with the prompt 'asads-Air:covid19tracker asad\$' and the command 'npm install --save @material-ui/core' entered. Both screenshots show the same terminal output: 'The default interactive shell is now zsh. To update your account to use zsh, please run `chsh -s /bin/zsh`. For more details, please visit https://support.apple.com/kb/HT208050.'

```
OUTPUT  TERMINAL  DEBUG CONSOLE  PROBLEMS  1: bash
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asads-Air:covid19tracker asad$ npm i countup

OUTPUT  TERMINAL  DEBUG CONSOLE  PROBLEMS  1: bash
The default interactive shell is now zsh.
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For more details, please visit https://support.apple.com/kb/HT208050.
asads-Air:covid19tracker asad$ npm install --save @material-ui/core
```

5. Now that you have everything installed to use the application you can start it up: **npm start**
- You should have the message below with the port the app is hosted on



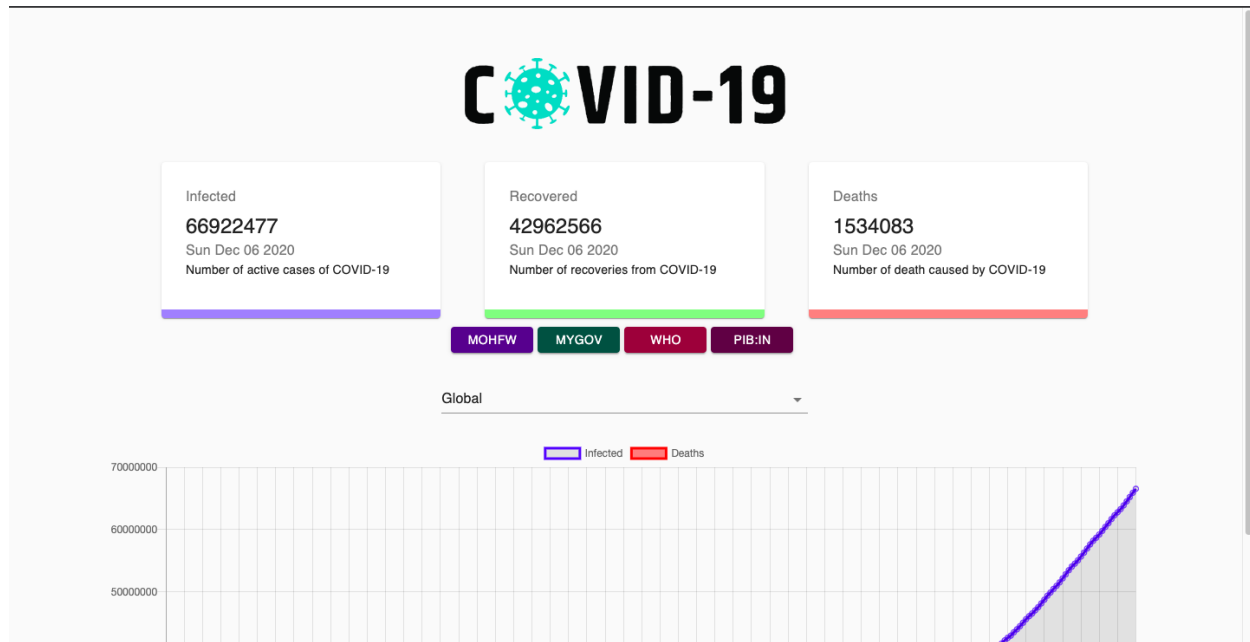
The image shows a screenshot of a terminal window with the prompt '1: node'. The output of the 'npm start' command is displayed, showing 'Compiled successfully!' and 'You can now view covid19tracker in the browser.' followed by the local and network URLs: 'Local: http://localhost:3000' and 'On Your Network: http://192.168.1.88:3000'. A note at the bottom states: 'Note that the development build is not optimized. To create a production build, use npm run build.'

```
OUTPUT  TERMINAL  DEBUG CONSOLE  PROBLEMS  1: node
Compiled successfully!
You can now view covid19tracker in the browser.

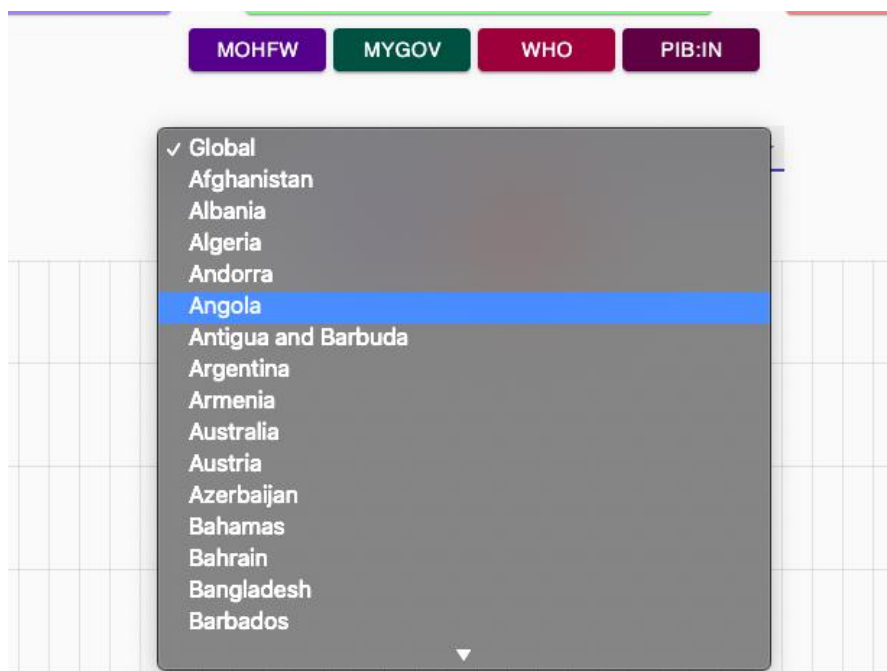
Local:      http://localhost:3000
On Your Network: http://192.168.1.88:3000

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

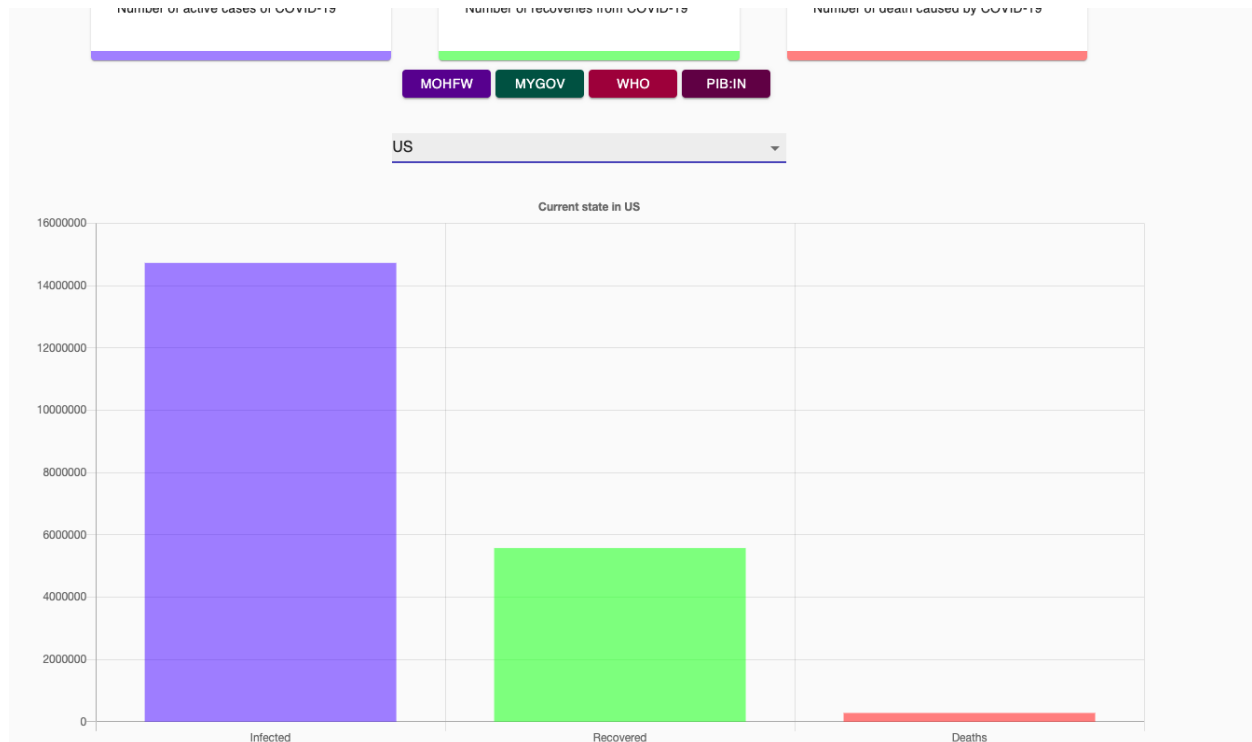
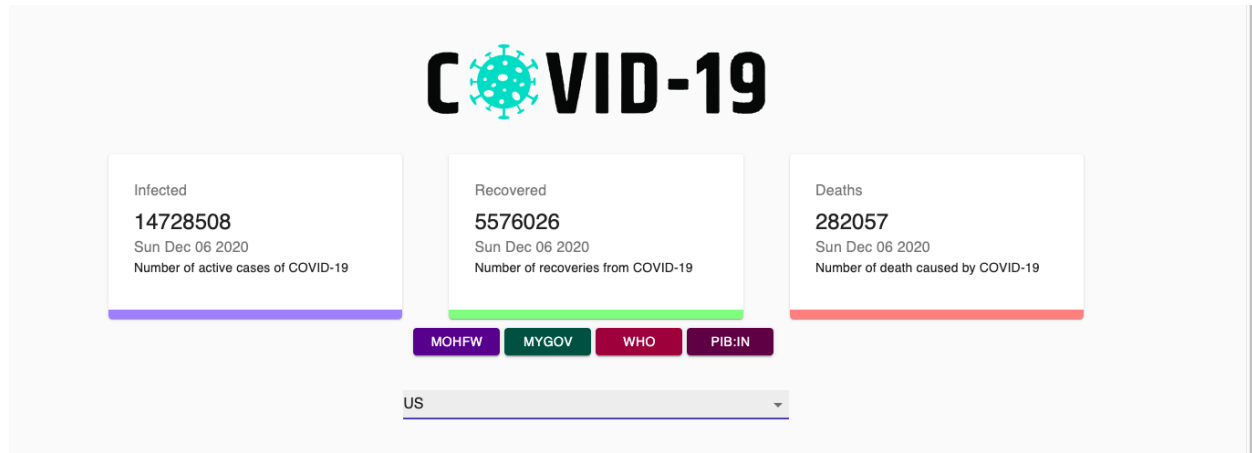
6. The application consists of three main components. The cards in blue, green and red which are updated everyday with the current infected, recovered and deaths from COVID19. There are also some buttons which are helpful links related to COVID19 news. A graph is displayed to show global recovered and deaths from covid19.



7. The country picker is another component of the webpage which allows the user to select a country to view the covid19 statistics



8. The US is selected below and when that happens the cards and graph are updated with accurate statistics of covid19.



9. There is another component that has the US map with all state data. When clicking on a state it will give you the number of cases and the amount of people recovered from the virus.

