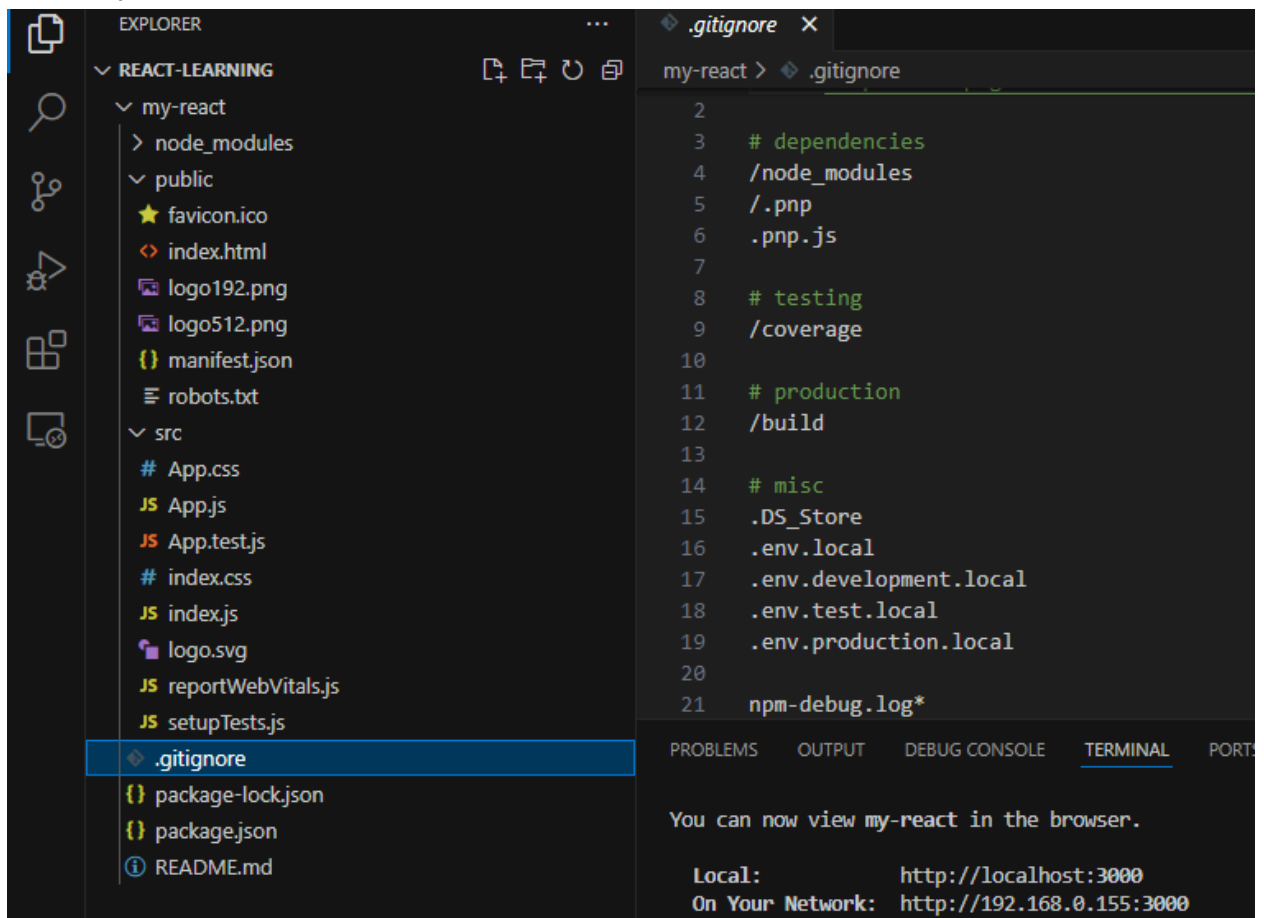


- ❖ It is crucial to be aware of the project's folder and file structure, as each file serves a specific purpose. This awareness allows developers to organize the code effectively, making it easier for others to understand and collaborate.

Example :

- The `.gitignore` file in a React project is used to specify files and directories that should not be tracked by Git. When you push your code to GitHub, any files or folders listed in the `.gitignore` file will be excluded, ensuring they are not stored in the repository.



The mentioned file names in the `.gitignore` file that are not stored in the git

node_modules: In the picture we can see there is a file name with node_modules. What this file does is basically it holds all the dependencies required for the project .

For example :

When you run a React project using the command `npm start`, the necessary files from the `node_modules` folder are utilized to execute the project

Favicon.ico: When you run the project, it opens in a new tab, and the small icon you see in that tab is the favicon. The `favicon.ico` file is responsible for displaying this icon in the browser tab

Index.html: this is the first file will be executed when we run the code

Manifest.json : The manifest.json file allows you to define various properties that influence how your React application appears and behaves across different devices

here some of these properties can help with responsiveness and customization:

- **icons:** You can specify different sizes and types of icons for your app. This ensures that your app's icon looks good on various devices and resolutions.
- **background_color:** Defines the background color of the splash screen that appears when the app is launched. This color can be customized to match your app's branding.
- **theme_color:** Sets the color of the browser's address bar or UI elements. This color provides a consistent look and feel when your app is launched from the home screen.
- **orientation:** Specifies the default orientation (portrait or landscape) for your app. This can help ensure a consistent user experience regardless of device orientation

Here is the sample code for for display the icons in different devices.like this we can define

```
{  
  
  "short_name": "React App",  
  
  "name": "Create React App Sample",  
  
  "icons": [  
  
    {  
  
      "src": "favicon.ico",
```

```
    "sizes": "64x64 32x32 24x24 16x16",

    "type": "image/x-icon"

},

{

    "src": "logo192.png",

    "type": "image/png",

    "sizes": "192x192"

},

{

    "src": "logo512.png",

    "type": "image/png",

    "sizes": "512x512"

}

],

"start_url": ".",

"display": "standalone",

"theme_color": "#000000",

"background_color": "#ffffff"

}
```

