**# PROJECT STRUCTURE GUIDELINES**

**## Project Folder Structure**

- node\_modules

- public

- src

- .gitignore

- package-lock.json

- package.json

- readme.md

**### node\_modules**

- holds all the build scripts from react and node.

- holds all the dependencies required by the app.

**### public**

- folder used to store all the public files from the project.

- public files can be referenced directly from the browser.

**### src**

- holds all the scripts that is required by the project.

- all the private components and other private scripts are stored here.

**### package-lock.json**

- this file is used to keep track of all the installed modules required by the app.

- this file is not editable.

**### package.json**

- this file is used to keep track of all the dependencies and libraries required by the app.

- this file can be edited.

**### README.md**

- this file is used to store a brief information about the app.

**### public/favicon.ico**

This is the icon of the application.

**### public/index.html**

- This is the file that is queried by the browser when this app is opened.

- It is the file from which all other DOM components are loaded from.

**### public/manifest.json**

- This file is used to store the app information like app\_name, short\_name, icons, theme and colors.

- It is the file that makes this project installable on phones

**### public/robots.txt**

- This file is used to store all the information about the app that will be used by search engines.

- It can be used to store private routes or routes that should not be included in the search engine.

**### src/App.css**

- This css file is used to store the style rules for the app.

- It is loaded from the App.js component file.

**### src/App.js**

- This is the file that contains the first component that is called when the app first loads.

- This file is the heart of the project.

**### src/App.text.js**

- This file hold the test script that is associated with App.js component.

**### src/index.css**

- This file holds all the root css rules.

- It is loaded from the index.js file.

**### src/index.js**

- This is the file that is called first when the app runs from react scripts.

- It is the file that in turn calls the App.js component.

**### src/logo.svg**

- This is the logo that can be used in the project.

**### src/NetworkConnections.js**

- This file holds the method that is used to perform all the network request from the app.

- ### methods

- ### fetchMoviesFromDatabase()

- - This is the method that is called to perform all the network request of fetching movies.

**### src/Components**

- This folder is used to keeps all the custom components of the project.

- Its is good practice recommended by React developers to rename this folder this way.

**### src/Components/LandingPage/LandingPage.js**

- This is the file that stores the component that is used to render all the movie data.

- It houses all the other sub components displayed on the page.

**### src/Components/LandingPage/LandingPage.css**

- This file holds all the styling rules used to style the LandingPage script.

**### src/Components/MovieGenre/MovieGenre.js**

- This file is used to render all the movie genres types to the browser

- It calls the fetchMoviesFromDatabase method which return the movie categories from the database.

**### src/Components/MovieGenre/MovieGenre.css**

- This css file is used to store all the css rules required to style the MovieGenre Component.

**### src/Components/MovieList/MovieList.js**

- This component is used to host all the movies from a single category.

- This is also the component that is responsible for rendering the pagination buttons on each category

**### src/Components/MovieList/MovieList.css**

- This css file is used to store all the css rules required to style the MovieList component.

**### src/Components/Search/Search.js**

- This component is used to render the search bar and the search form on the UI.

- This is the component that enables an individual to search for a specific movie.

**### src/Components/Search/Search.cs**s

- This css file is used to store all the css rules that is used to style the search bar.

**### src/Components/SingleMovie/SingleMovie.js**

- This component is used to render a single movie to the DOM.

- It is a reusable component that allows us to use one component to render multiple movies.

**### src/Components/SingleMovie/SingleMovie.css**

- This css file is used to store all the rules required to style the single movie component.

**### src/Components/TVShows/TVShows.js**

- This component is used to render all the movies that belong to the TV shows category.

**### src/Components/TVShows/TVShows.css**

- This file is used to store all the css rules used to style the TVShows component.

**### src/Images**

- This folder is used to store all the images required by the project like logos and icons