**Installation (Pre-Setup):**

Install node.js

To create a react app: npx create-react-app app-name –temple typescript

npm install

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Initial steps: To run the server and backend

In git base or cmd go to server folder d/Java/SpotifooWb/SpotifooServer

--🡪 npm start

If error try with -🡪 npm update this will help to run http://localhost :8080

Which was proxy added in client package.json file

To run the client in VBC go the specific file folder d:\Java\SpotifooWb\SpotifooClient\spotifoo\_frontend

* npm start

this will run in http://localhost :3000

Installed bootstrap

This both should be up and running when working.

Some Software used are

1. Figma
2. Jira
3. Microsoft Visual Studio
4. Git
5. Word document

**Jira (User Stories)**

Some Jira images are saved for further references

Graphical user interface, application, Teams

Description automatically generated

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Description automatically generated

Graphical user interface, application

Description automatically generated

**Diagram representation**

(React App)

http://localhost:3000

Home Page (main Page)

<http://localhost:3000>

Search

http://localhost:3000/Search

Navigation bar(sidebar)

With Spotifoo image and Button (Home image and search image)

Search Box to get user input and Show Results

Songs card-group

Card of each song with respective image and respective song name

Footer

(Song name artist name and thumb nail)

And a play button

Some Components which I used in developing the Web app:

App start with

* index.tsx ---- app.tsx--- (Browser Router {The sidebar/Navigation bar and Footer are part inside the router irrespective of web pages they will be visible} ---Home.tsx {fetch data from API and pass those information} ---Page.tsx {display the card with images and text}
* index.tsx ---- app.tsx--- (Browser Router {The sidebar/Navigation bar and Footer are part inside the router irrespective of web pages they will be visible} ---Search.tsx {display the card with images and text based on search in input search bar (will do when the time permits)}

Each tsx file have respective css file to support its design and styles. All the css have information from **Figma** provide and some are altered to make my app work.

The assets folder was provided to support with logos and icon images such as Spotifoo, home icon, search icon and play image, thumb nail images.

The components have all tsx files such as Footer, Home, Page, NavBar, Search.

The styles folder has respective css files for App, Footer, index, NavBar, Search.