**Final Capstone Project Ideas \_ Mohammad Yousuf Mehraban**

1. **Movie Radar:**

Movie Radar application will provide users the ability to search and find out which streaming platform such as Netflix, HBO, Amazon Prime, YouTube, Hulu, Disney+ and etcetera streams the movie or TV-show that they would like to watch; instead of searching each individual streaming service separately.

The user can create, edit and delete a playlist or add their favorite movies and TV-show to their favorite playlist. The user can also create a Watched-Playlist to add all of the movies he has already watched and a recommendation list to recommend and share the movie with their friends.

Authentication: The users must register or login to use the application.

APIs: I would like to use two free APIs including WatchMode and OMDB APIs.

API websites: https://api.watchmode.com and https://www.omdbapi.com

*Note: This looks more interesting and I lean more toward this project.*

If I cannot get all the data I require for my application from the mentioned two APIs, I would use IMDB and maybe some other API as well.

1. **Pick Your Book:**

Books, a fun and favorite friend to many people. I want to build an application/website where people can search for books based on a few criteria such as best-seller, award-winner, fiction, computer-science and etcetera. Or the user can pick a genre and ask the application to recommend them books.

Furthermore, the application will provide all the information available regarding the book such as its author, rating, reviews, price, release date, whether the book is free or from what platform the user can purchase the book. In addition, the user can create a Must-Read-List and a Recommendation-List to save and recommend their favorite books to friends and others.

Authentication: The users must register or login to use the application.

APIs: I would use a few free APIs such as ISBNdb, Amazon book API, google book API, and open library org API.

API Websites: <https://www.isbndb.com>, <https://openlibrary.org/dev/docs/api/books>, <https://developers.google.com/books/docs/overview>, and <https://aws.amazon.com>.

1. **Weather App**

The Weather App might a full of design and layouts and lets the users to search for weather forecast of any city throughout the world. In addition, it will let users to add a few cities as their favorite to view their live weather forecast.

API: I will use the free weather API.

API Websites: <https://www.weatherapi.com/>

1. **Newsly or NewsDoz:**

Newsly will allow users to search for a variety of new stories by providing a search phrase. Users can view headlines of all the latest news stories around the world and the can also can categorize news stories based on regions such US, Europe, Asia and etcetera.

The app will display only the headlines that may include a short summary of the news story and if the reader would like to view full details of any news article, they can click on it and the full article will be displayed.

Authentication: To use the full feature of the application the users must register or login.

APIs: One or two of the following APIs will be used:

* <https://newsdata.io/>
* <https://aylien.com/product/news-api>
* <https://webz.io/data-apis/news-api>
* <https://newsapi.org/>