

## **HD Task 4.0 – Proposal**

### **Introduction**

Picture this, you just finished a good TV show, but now you don't know what to do with your life anymore 😞 , you ask some friends for recommendations, but you didn't like the one's they told you. So now you are browsing the internet for something, but still nothing. But what if there was an app, that could give you recommendations filtered to your taste and liking.

### **Objective**

This app takes the guesswork out of finding your next watch. Simply enter the title of your last viewed show or movie, and get personalized recommendations tailored to your taste.

### **Proposed Solution**

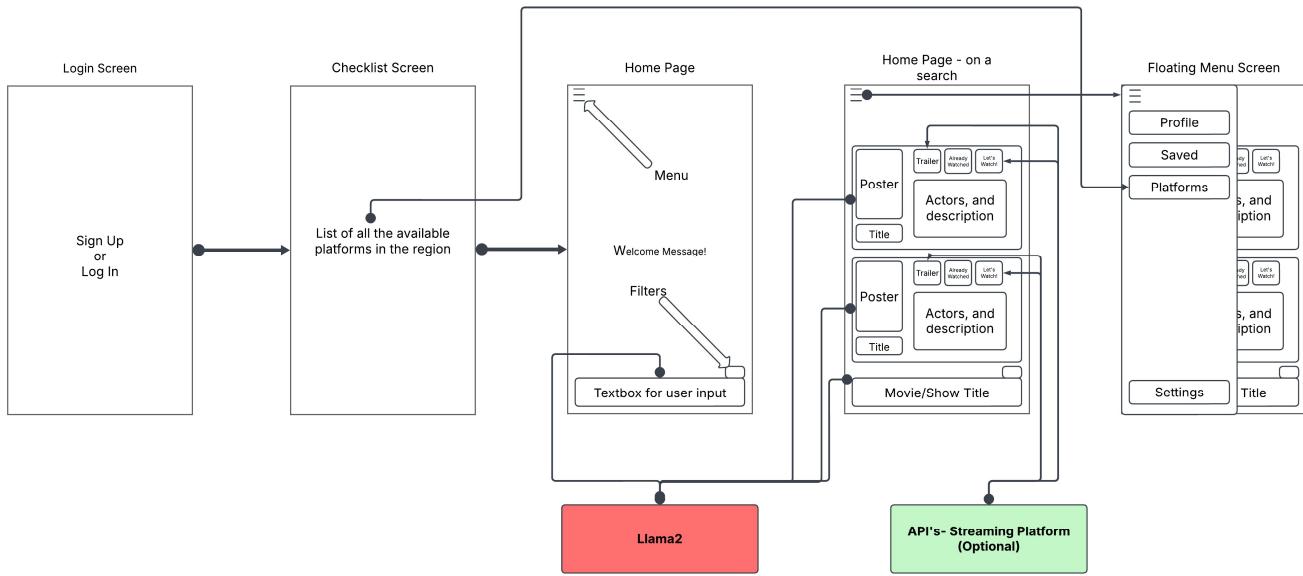
The concept of my App is very simple, just enter your last watch, and get recommendations. The initial Functionalities and Features are:

- User will add his last watch or something he loved watching; the app will suggest 2 new best recommendations.
- The app's basic UI will contain a textbox, a filters option, and a floating menu option.
- User will need to create an account, followed by a checklist of Platforms user has subscription to, so as to give recommendations accessible to the user. Then a simple and sleek design showing a Textbox at the bottom, and a menu bar in the top-left corner.
- Features like, watching Trailers, re-directing to the desired streaming platform, marking shows as already watched so the software doesn't recommend it again, would be great so to make it easier for user to navigate and save up time.
- Llama2 will be the brains of this app, and the data fed by the user, will help it to generate great recommendations.
- Going forward this app can be integrated into the Platform's itself, hence reducing the hustle to use an app for the sole purpose of searching something. And get automatic suggestions without the need for entering your "last watch".
- The most important feature of this app should be that it needs to be "fast", because we are trying to play with a human mind and what it likes or not, and if the app is slow and lags the user is just not going to use it, kind of like "Shazam", people use it because it is exceptionally fast.

### **Technology Stack**

- **IDE:** Android Studio
- **Frontend:** Java
- **Backend:** Python/Java for AI processing
- **AI Model:** Llama 2
- **(Optional) API Integration:** Streaming Platform's API(Netflix, Prime, Disney+, ...)

The figure below shows the interaction of Llama 2 and other features of the app along with a basic idea of the UI of the app:



## Development Methodology

The development of this App will follow the Agile Methodology, i.e., to plan, design and develop the app, and further test and deploy to get feedback from the users to improve features and bugs that might be causing bad user experience. Using this methodology, a continuous improvement cycle will develop because the application receives constant feedback from the users.

## Conclusion

This App delivers a solid solution to a modern problem around us, even though the problem is not too big, it is something that exists, and with the help of Llama2 this app can solve it. Furthermore, this app can be extended to integrate into Streaming platforms and can give suggestions automatically without even the need for using the app.