



User Manual

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1. Document Information

1.1 Overview

This document contains general information regarding the system, its intended use and a step by step guide or walkthrough of the application and how to use it.

1.2 Project Summary

Movie Center is an Android Application that allows users to browse content of a range of different movies. It is designed to enhance the exploration of movies to users. You can view movie information on a film you've seen previously, one currently in cinema or even one coming out soon. Users are able to give their own ratings to a movie. These user ratings are stored and accumulated to give a personalised list of recommended movies tailored to that specific user. Movie similarity will be judged on Director, Actors, Genres and even Plot.

1.3 User Manual Organisation

This user manual consists of a few sections; Overview, System summary, installation and user guide.

Overview section explains the purpose of the system.

System Summary provides a general overview of the system and outlines the users hardware and software requirements.

Installation section provides guidelines as to how to install and run the application.

The user guide section provides a detailed walkthrough of the application and how to use it.

2. System Summary

2.1 Overview

This section provides a general overview of the system. It outlines the requirements of the user both hardware and software.

2.2 System Configuration

Movie Center is an android application, therefore can only be run on Android mobile devices running Android V7 26.1.0 With API level 14 or higher. The application requires connection to the internet in order to access “The Movie Db ” API. If you have never set up the Wi-Fi connection for your device, refer to the documentation for your Android device. After installation no further configuration is necessary.

2.3 User Access Levels.

This application requires a user to have an android mobile device with internet access and an email address, whatever provider that is. Other then that anybody can use the application.

2.4 Contingencies

In case of internet access loss, data like user ratings is saved onto the device. And movies are still cached locally. However the recommended list is not updated once the user rates a new movie.

3 Installation

3.1 Overview

Installation section explains how to get Movie Center and install it onto the device.

3.2 Installation

Seeing as this application was for a final year project, it will not be published and placed in the google play store as that requires sign up and a fee. If a user requested a version of the application, I will give him/her a “.apk” file that the user will run on the android device. It will then be installed and the user can access the application.

4. User Guide

4.1 Logging in

To launch the app, tap the application icon on the home screen of your Android device. The Sign In screen appears.

NOTE: Your screens might look somewhat different from the examples in this document, but the basic elements are the same.

If this is your first time accessing the application you will be required to register. By clicking the “Don’t Have an account? Sign Up” tex at the bottom, the application will take you to a sign up page. From there you will be asked to enter an email and password.

Emails will be checked and authenticated so emails entered will need to be valid. Passwords will need to be of length 6 or greater. If these are requirements are not meant you will be rejected a sign up with a pop up explaining why. When you are finished click the “Sign up” button.

NOTE: Your password is case sensitive.

If you are already registered, enter your correct email and password and click the “Sign In” button

Movie Centre

Email

Password

SIGN IN

[Dont have an account? Sign up](#)

The image shows a sign-in form for a 'Movie Centre'. It has a dark blue header with the title 'Movie Centre'. Below the header, there are two input fields: 'Email' and 'Password', each with a red underline. A grey button with the text 'SIGN IN' in red is positioned below the password field. At the bottom, there is a red link that says 'Dont have an account? Sign up'. The background features a stylized film strip and a blue bokeh effect.

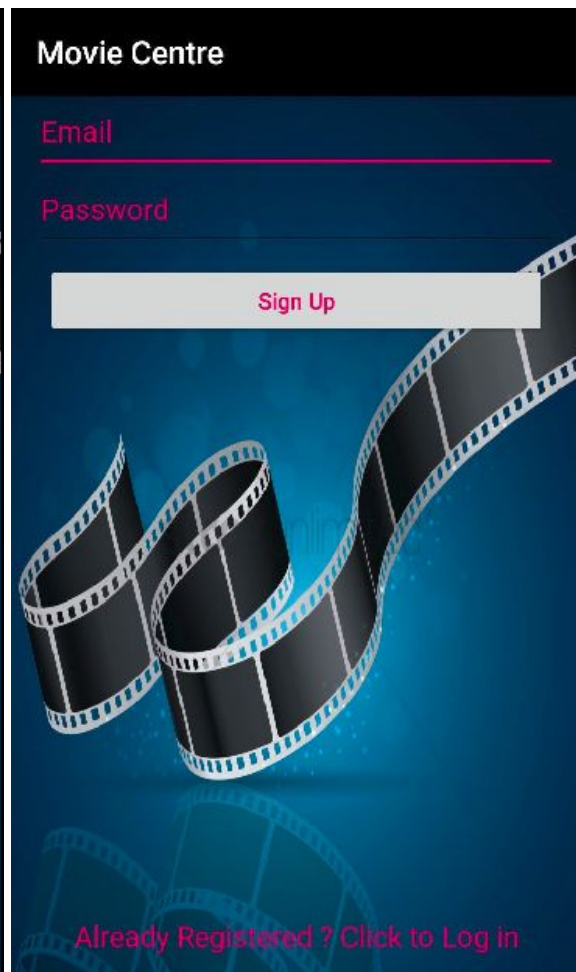
Movie Centre

Email

Password

Sign Up

[Already Registered ? Click to Log in](#)

The image shows a sign-up form for a 'Movie Centre'. It has a dark blue header with the title 'Movie Centre'. Below the header, there are two input fields: 'Email' and 'Password', each with a red underline. A grey button with the text 'Sign Up' in red is positioned below the password field. At the bottom, there is a red link that says 'Already Registered ? Click to Log in'. The background features a stylized film strip and a blue bokeh effect.

Upon completion of the registration/ Logging in, you will be brought to the home activity page.

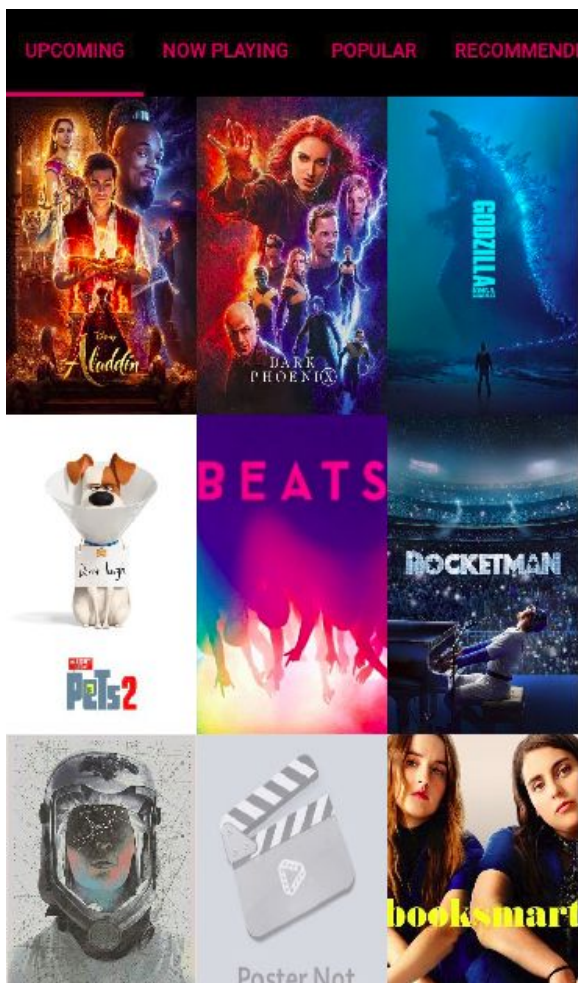
4.2 Home Activity

The home activity page consists of 4 scrollable tabs; Upcoming, Now Playing, Popular and Recommended.



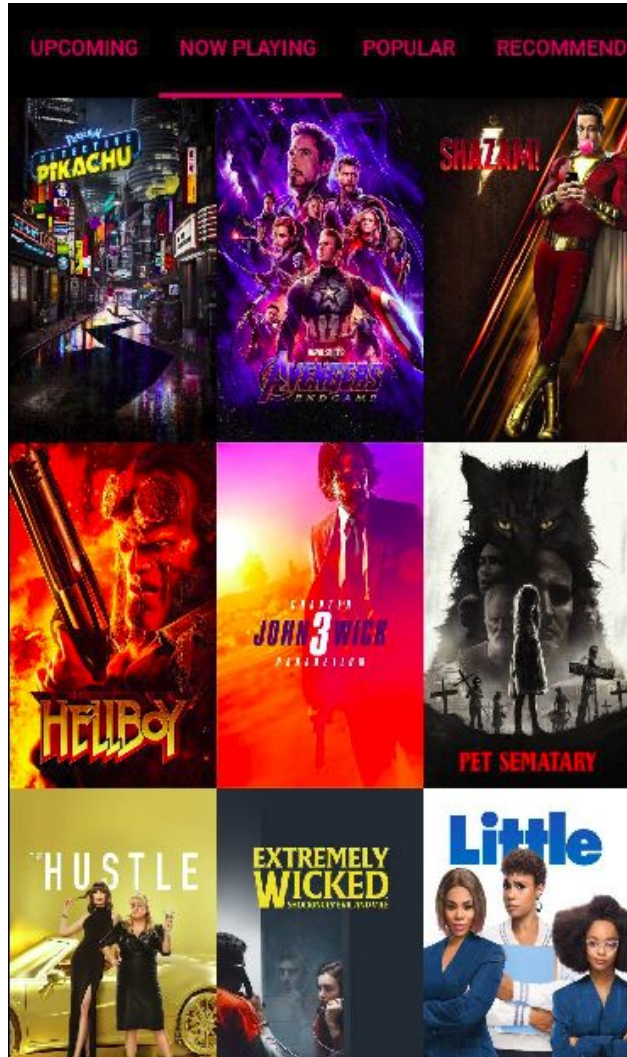
4.3 Upcoming Movies tab

Once you login you are automatically brought in to the Upcoming Movies tab below. Movies that are to be released in UK and Irish cinemas for the next 14 days will be shown here. Seeing as some of these movies may not have been updated correctly in “The Movie Db” the might not contain a poster. If not, The application will show a “poster not available” poster. The page is scrollable to allow you to explore further movies.



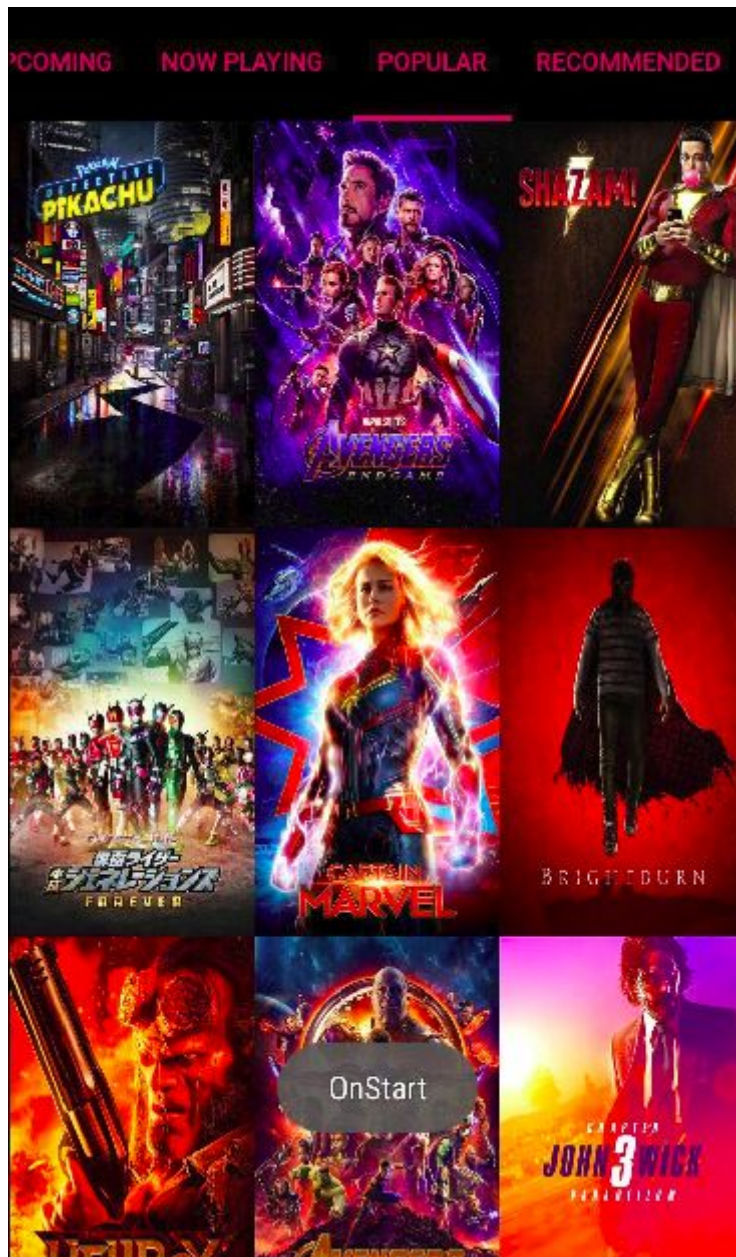
4.4 Now Playing tab

This page contains movies currently playing in UK and Irish cinemas now. It is also scrollable to further explore the movie now playing.



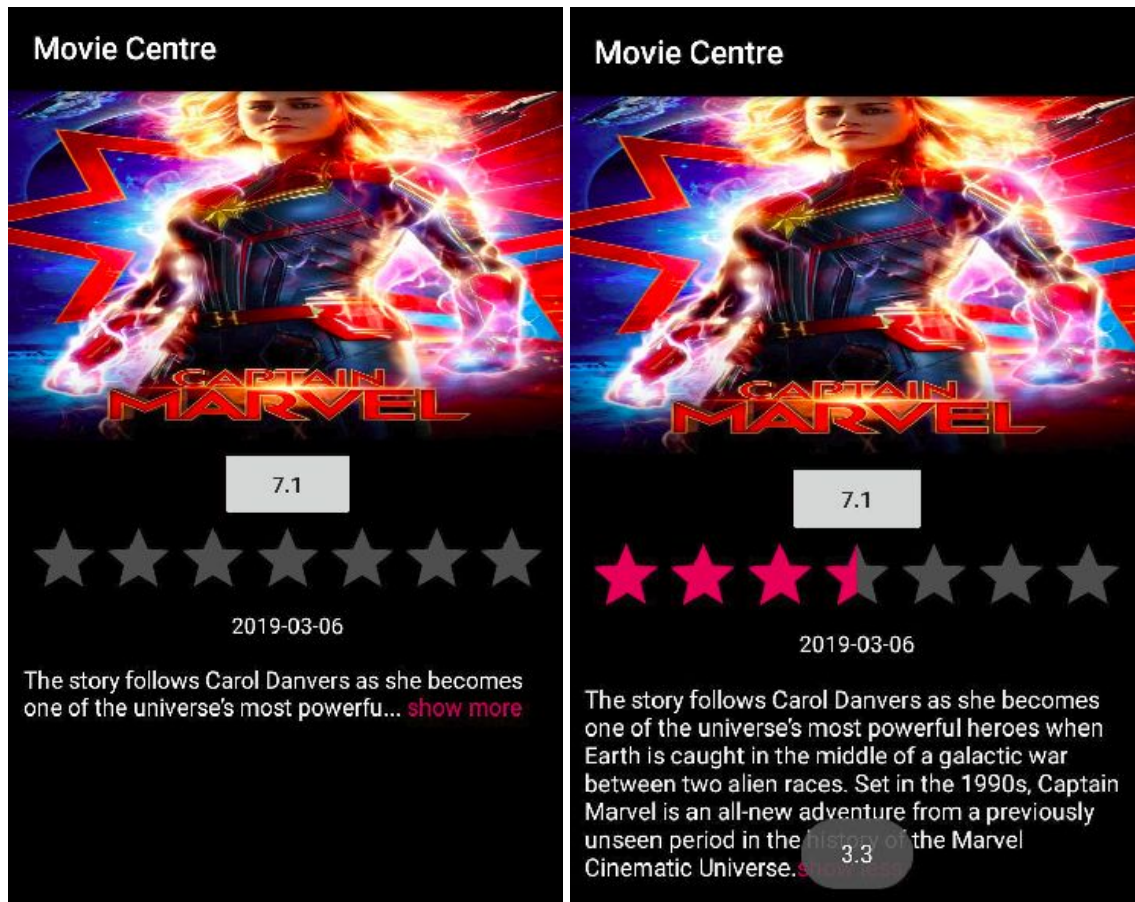
4.5 Popular Movies tab

This tab contains movies that “The movie Db” deems to be currently popular amongst users. Here is a screenshot below.



4.6 Movie Details

Once you are in any of the previous tabs, you are able to click onto a movie poster to further explore it. Clicking onto a poster bring you into a new activity that displays the poster with its information below e.g. Captain Marvel:




You can the movie Poster, its current rating, release date and the plot synopsis. You are able to rate the movie out of 7. The recommended movie list will depend on this rating. The applications cut off between understanding that the user liked the movie or not is 5. Anything less than 5 is not considered an “enjoyable” movie for the user and anything more than 5 is.


4.7 Recommended Movies tab

Once the user rates at least one movie with 5/7 score or greater, that movie is pushed to a database to be ran across a vast table of movies to recommend the most similar ones. These movies are returned in a list and displayed in the Recommended movie tab. Here is an example of rating the movie “Avengers: Endgame” and a list of movies recommended to the user given that he enjoyed it.

Movie Centre



8.5



2019-04-24

After the devastating events of Avengers: Infinity War, the universe is in ruins due to t... [show more](#)

UPCOMING NOW PLAYING POPULAR **RECOMMENDED**

Avengers: Infinity War

Avengers: Age of Ultron

Captain America: Civil War

The Avengers

Spider-Man: Homecoming

Captain Marvel

Captain America: The First Avenger

Captain America: The Winter Soldier

Star Wars: The Rise of Skywalker

Iron Man 3