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**Title :** *CineTrak*

**Description :**

CineTrak is an application used to keep track of movies, it’s a simple idea but could prove quite useful for people such as myself who love to sit down and watch a film but can never decide on a film to watch.

**Plan :**

I wanted to make a simple application that you can add films to a user’s “list” from a pool of movies that are imported through a network that return JSON format very similar to lab 9 “Networking and recycler view”. I want the user interface to be very clean and easy to understand, thus making the application more engaging and inviting.

Screens screenshot of a cell phone

Description automatically generatedFirst of all, was the design for the application, I created a mock-up of what I wanted my application to look like. I used a software called ‘Figma’ to illustrate my idea and give me a point to work towards. This is what I came up with.

As you can see the application has a very modern look and a very clean and interactive user interface. The first screen is just a simple login screen, I know that later on in the project I can change this to make it look nicer, I do intend to use the Blue and white colour scheme in my final design, I think that looks quite nice. I want to use ROOM, androids database to be able to actually store login details and correctly authenticate an attempt to login, when a user creates an account they will provide the following details: First name, Username, password, and password confirmation. Then those details get passed to a database and checks if the username submitted matches any usernames previously submitted. If not then an account is created and the user can login using their “username” and “password”. The reason that I will have a field to input a “First Name” would be on the main homepage of the application I would like to have a “Hi, ‘First Name’ “ at the top of the page. Now with the design created and something to work towards I can get started on creating my application.

**Login Screen:**

For the login screen I used a YouTube video as a resource to create an appealing login screen. <https://youtu.be/H2potb8pGDQ?si=wM_9mZFFT77ofFQo>  
Here is the link to the video I used!

This is the how my login screen looks so far.

A screenshot of a login screen

Description automatically generated

I also used ChatGPT to design me a simple logo for my app. Note : It is very basic and I may in fact change this at a later date.

Now that the Login page is created I need to create a Register Page, I used more or less the same design as the Login page just to keep it all consistent throughout the project and added a text field for the “First Name”, “Username”, “Password”, and “Password Confirmation”.

I also created a method for when the “Register” button is pressed from the Login screen it brings you to the “Register” page this is how I done it.

A screenshot of a computer program

Description automatically generated

This is the code I created, this is a very simple method when the user presses the register button it will bring up the Register screen/activity. And when the user presses the login button it will send the user to the Homepage screen/activity.

I will update this with validation when I include the room database to handle logins and registration correctly.

A screenshot of a cell phone

Description automatically generatedThis is the Register screen/activity. Again its keeping with the blue/white gradient theme. And using the same rounded edges for the text boxes and for the create account button, as of now the “Create Account” button just redirects the user to the “Login” screen/activity. This is purely so I can get a good idea of screen flow throughout the UI before I add in any of the complex features so I can give myself a good base/template to start off.

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