

MPL Prerequisites Document

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Roll No. 37

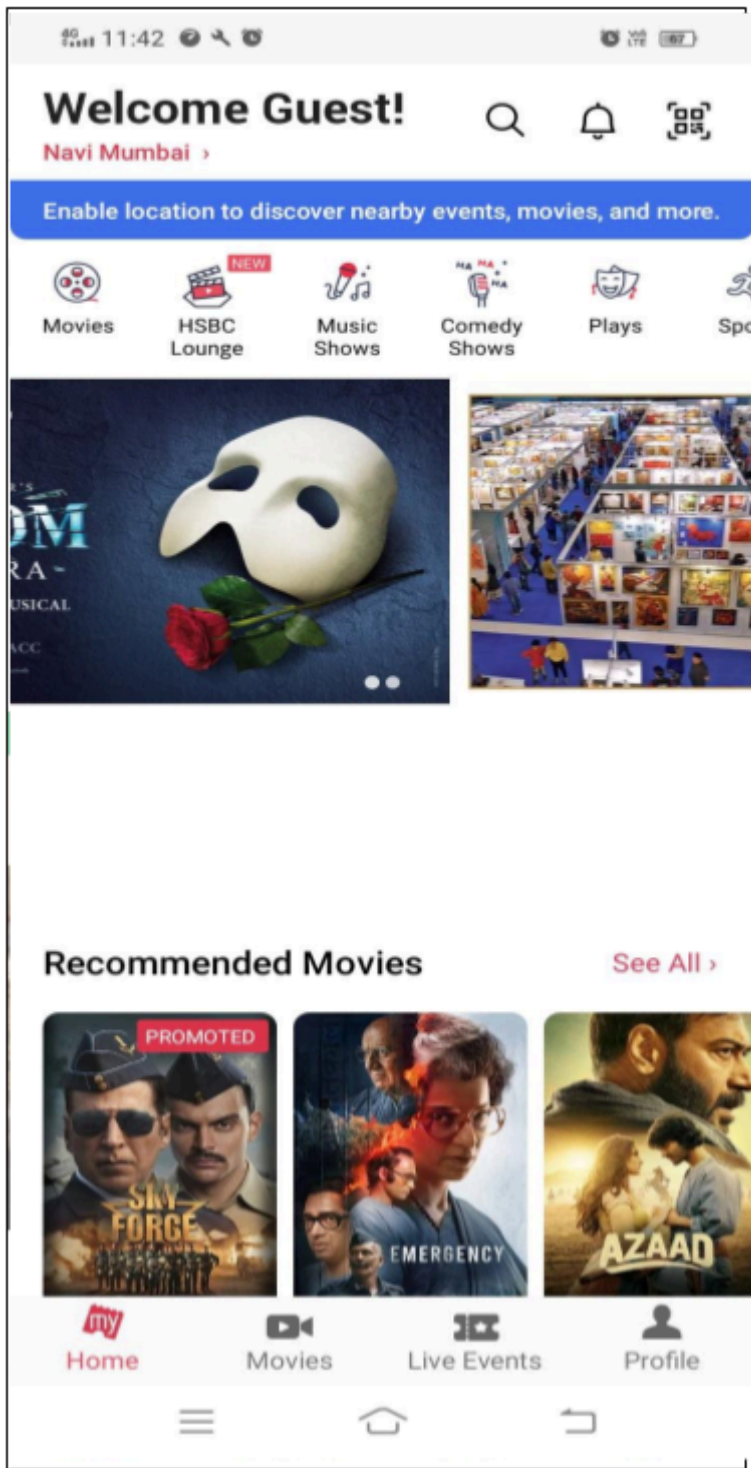
Aim:

Selecting features for application development, the features should comprise of:

1. Common widgets
2. Should include icons, images, charts etc.
3. Should have an interactive Form
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database

New Feature: Users will have easy access to movie of the month

Screen Shot	Features
	<p>Sign in with Email: Use firebase_auth to allow users to sign in using their email and password.</p> <p>Firestore Authentication: Firestore handles user management, storing data like usernames, emails, and passwords securely.</p> <p>Data Structure:</p> <ul style="list-style-type: none">• Users: Store username, email, and password in Firestore Authentication.• Movies: Store movieName, genre, and noOfBookings in Firestore Firestore.• Bookings: Store movieName and username in Firestore to track bookings.



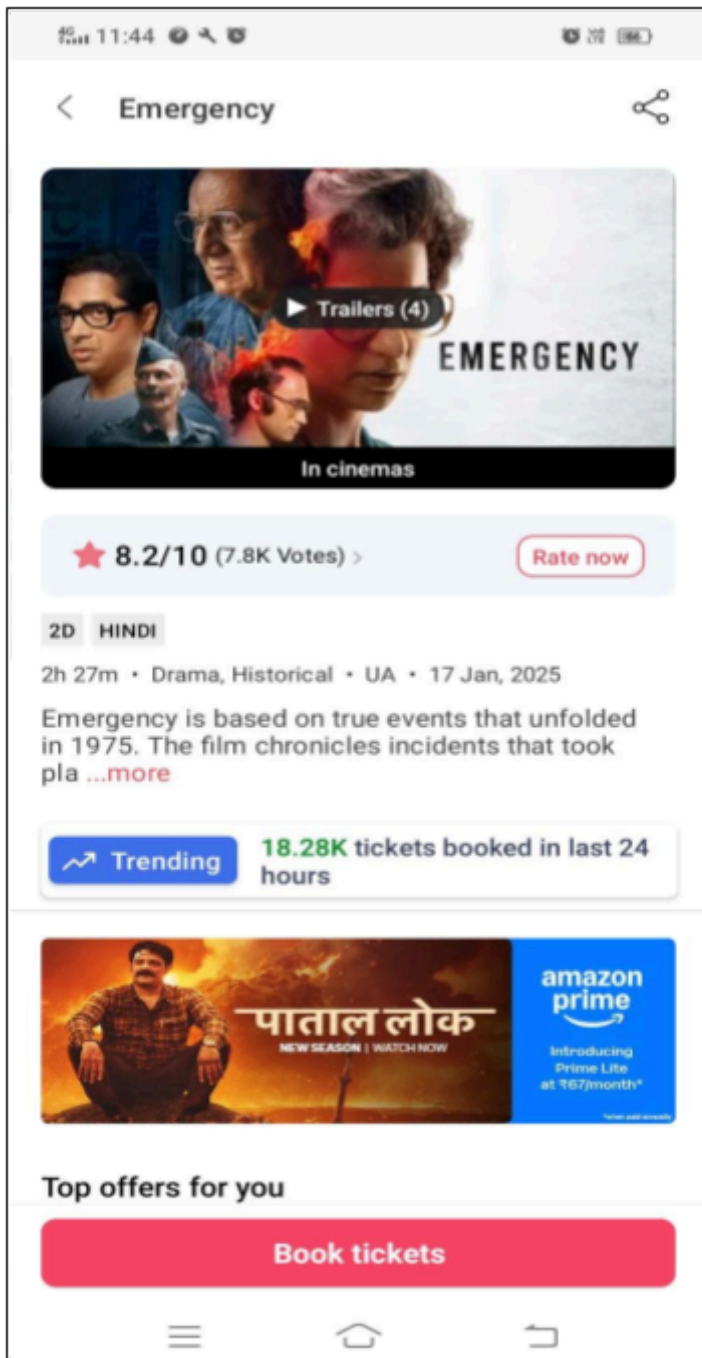
Home:

1.Navigation Buttons: I'd use a BottomNavigationBar or a Drawer for easy navigation between different screens like Home, Profile, and Bookings.

2.Icons for Notifications, Profile, and Search: I'd place IconButton widgets in the app bar for quick access to notifications, the user's profile, and a search function. I would use icons like Icons.notifications, Icons.account_circle, and Icons.search to make it intuitive.

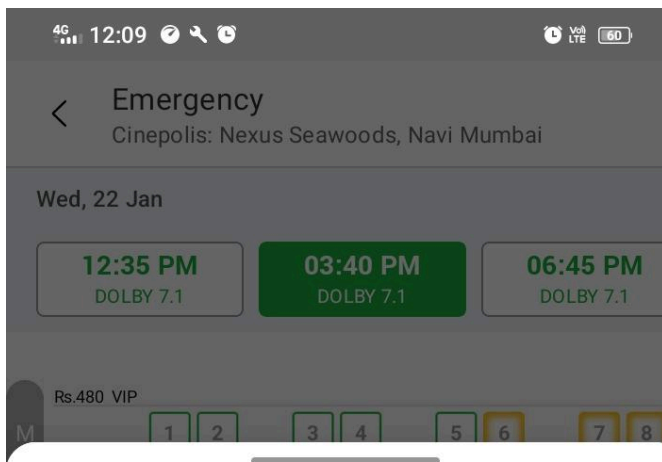
3.Search Bar: I'd add a TextField or use SearchDelegate to create a search bar where users can type and search for movies.

4.Display Recommended Movies: To show recommended movies, I'd use a ListView or GridView to dynamically display a list of movies. The data come from Firebase Firestore, so the recommendations would update as needed.



Details Page:

Display all the information about the Movie to user



How many seats?



1 2 3 4 5 6 7 8 9 10

NORMAL

₹240

AVAILABLE

EXECUTIVE

₹260

AVAILABLE

PREMIUM


₹280

AVAILABLE

VIP

₹480

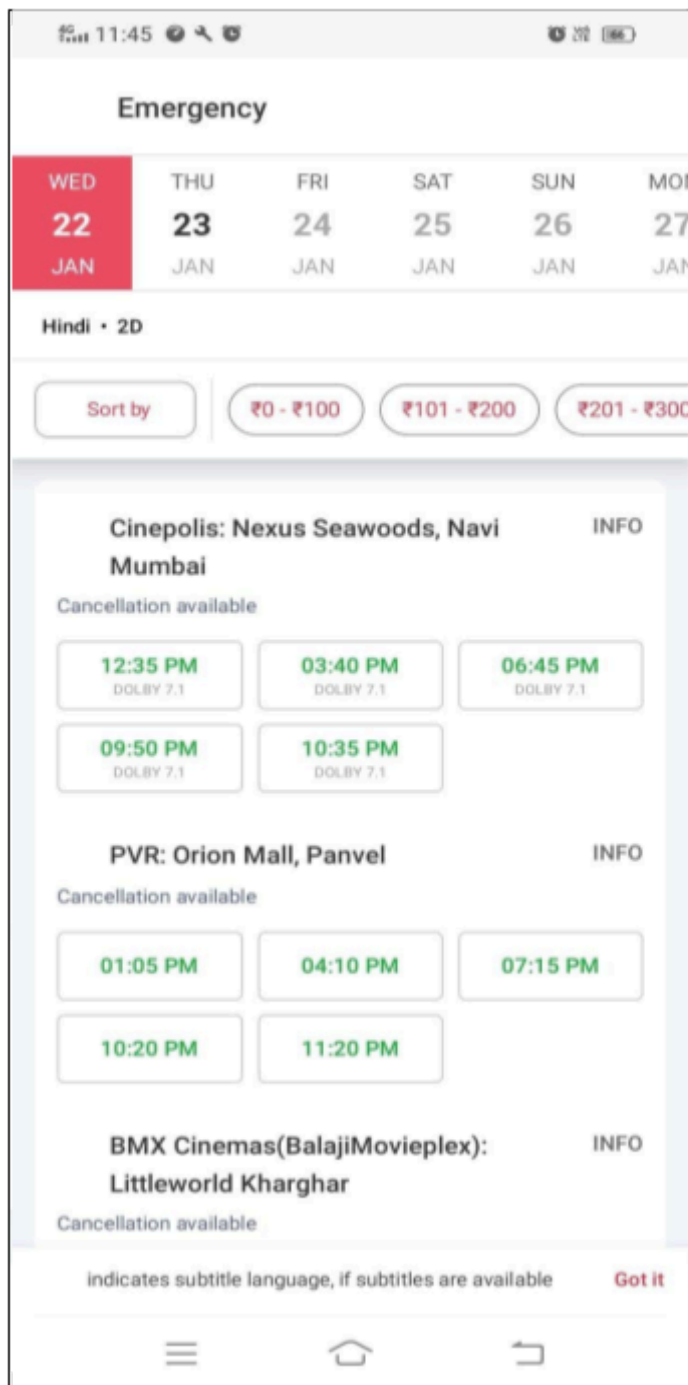
AVAILABLE

Book the  Bestseller Seats in this cinema at no extra cost!

Select Seats

Show Booking Details

User will select no of seats .



Further Booking Details: User will proceed with booking .After this page user will navigate to payment page.