



LECTURER NAME: Bernard Joseph Roche	
STUDENT NAME: Jefferson Da Silva Duarte	STUDENT ID: 71205
PROGRAMME: BSC20923	STAGE/YEAR: 2
MODULE NAME: Mobile Applications 1	
ASSIGNMENT NO. & TITLE: CA 2 - Movie Booking App	
GROUP (Names & Student IDs):	
<ul style="list-style-type: none"> All assignments must be submitted through Moodle by the agreed submission date. Only submit a signed hardcopy to your lecturer if requested and you must arrange to hand it <u>directly to the Lecturer and must include this cover sheet</u>. No submissions will be accepted at Reception. Late assignments will incur a penalty unless a learner has documented personal mitigating circumstances or if they have been granted an extension. All such documentation must be submitted at least 7 days prior to the submission date. For late submission the assessment grade will be reduced by 10% for each day that the assessment is late. After day five, the assignment will not be accepted. 	Date Received: (Lecturer use only)
MODE OF SUBMISSION: SOFTCOPY _____ HARDCOPY _____	
COMPONENTS OF SUBMISSION: (e.g. no and type of pieces submitted, no of pages in a report, disk included?)	
DECLARATION: I declare that: <ul style="list-style-type: none"> By uploading this work to Moodle I automatically declare that this work is entirely my own and that I have acknowledged all materials and sources used in its preparation; I have not copied in part or whole or otherwise plagiarised the work of anyone else and have not knowingly allowed others to plagiarise my work in this way; I further declare that no artificial intelligence has been used in the creation of this assignment I understand that plagiarism and use of AI is a serious offence and that I am bound by Dorset College policy on Academic Integrity. I understand that I may be penalised if I have violated the policy in any way; This assignment has not been submitted for any other course or module at Dorset College or any other institution, without authorisation by the relevant lecturer(s); I have read and abided by all of the requirements set down for this assignment. 	
SIGNATURE* Jefferson Da Silva Duarte	DATE 08/04/2024
(* if this is a group assignment, each member of the group must sign).	

Movie Screen Composables (MovieScreen1, MovieScreen2, etc.):

- These composables define a clickable movie poster using an `ElevatedButton` with a gray background.
- The button contains an `Image` composable with the movie poster loaded from a drawable resource
- Each button represents a different movie and triggers navigation to a detail screen when clicked.

Routes Sealed Class:

- This class defines constants representing the routes for different screens in the application.
- It includes routes for the home screen, and six movie screens.

AppNavigation Composable:

- This composable sets up the navigation for the application using `NavHost`.
- It defines the home screen (`HomeScreen`) as the starting destination.
- For each route defined in `Routes`, a corresponding navigation destination is created using `composable`.
- Each destination composable represents a different screen in the application.

PartBottomBar Composable:

- This composable defines the bottom navigation bar with three icons: Home, Search, and Settings.
- It uses `IconButton` composables for each icon.
- Currently, only the Home button (`Routes.HomeScreen.route`) has navigation functionality defined using `onClick`.

PartWithDescription Composable:

- This composable defines a section used for displaying movie details.
- It takes arguments for title, description, starring cast, and a classified image.
- It displays the title, description, and starring cast text along with the image.

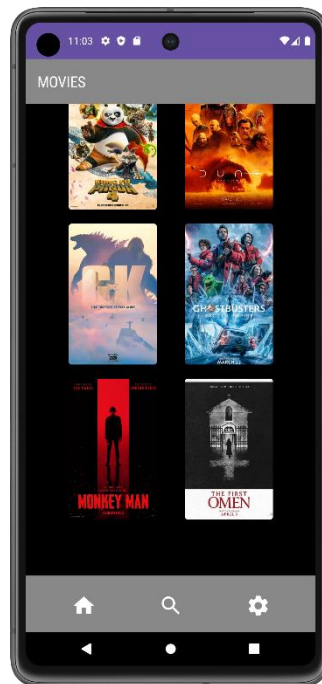
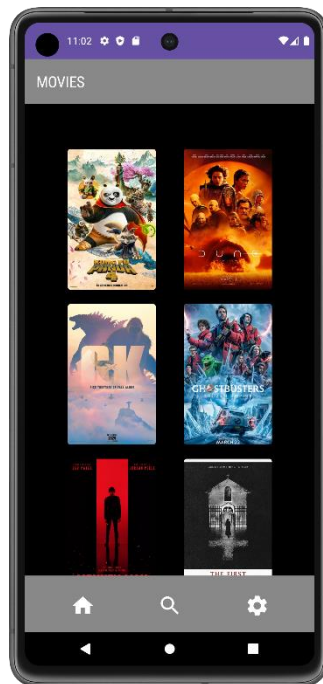
PartWithImage Composable:

- This composable defines a section for displaying an image, used for movie posters.
- It takes a `painter` argument to specify the image to be displayed.
- The image is displayed within a `Box` with a black background.

SeatSelection Composable:

- This composable defines a section for seat selection, used for movie ticket booking.
- It uses `remember` to manage the state of `selectedSeats` (initially 0).
- It calculates the total number of seats (`totalSeats`) randomly between 0 and 15.
- It ensures `selectedSeats` doesn't exceed the total number of seats.
- The composable displays buttons to increase or decrease the number of selected seats and shows the remaining seats.

HOME SCREEN



MOVIE SCREEN

