

Writeup

Developer : Mohana

Login: Users are prompted to enter their username and password. If the provided credentials match the hardcoded values ("Mohana" and "Monu2407@"), the program proceeds to the main menu. Otherwise, it displays an error message.

Main Menu: Users are presented with a menu with five options:

My Camera

Rent a Camera

View All Cameras

My Wallet

Exit

Sub-Menu (My Camera): This sub-menu allows users to perform actions related to their cameras, including adding a camera, removing a camera, viewing their cameras, and returning to the main menu.

Add Camera: Users can add a camera to their collection.

Remove Camera: Users can remove a camera from their collection.

View My Cameras: Users can view a list of cameras they have.

Rent a Camera: Users can rent a camera.

View All Cameras: This option likely displays a list of all available cameras for rental. The code for this operation is not provided but is assumed to be part of the broader system.

My Wallet: This option allows users to manage their wallet, which might involve transactions or account balance management. The code for this operation is not provided but is assumed to be part of the broader system.

Exit: The program can be exited by selecting this option.

Algorithm for the Main Menu (mainMenu()):

Display the main menu options.

Prompt the user to select an option (1-5).

Based on the user's choice, execute the corresponding operation:

If 1, call subMenu() for managing their cameras.

If 2, call a function to rent a camera.

If 3, display a list of all available cameras (not shown in the code).

If 4, manage the user's wallet (not shown in the code).

If 5, exit the program.

If the user enters an invalid option, display an error message and return to the main menu.

Flowchart for the Main Menu:

sql

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Start

|

|--> Display Main Menu

|--> Prompt for User's Choice (1-5)

```
| |  
| |--> 1: Call subMenu()  
| |  
| |--> 2: Call rentCamera()  
| |  
| |--> 3: Display All Cameras (not shown)  
| |  
| |--> 4: Manage Wallet (not shown)  
| |  
| |--> 5: Exit  
| |  
| |--> Invalid Input: Display Error Message  
| |  
|--> Loop back to Main Menu  
|  
End
```