

Use Case Scenarios

Scenario Name: Display All Cars

Description: A user browse all cars in the dealership

Actors: User

Pre-condition: Customer has a username and password

Trigger-condition: Customer selects Display all cars in the menu

Flow of events:

1. Include <Verify username and password>
2. The system prompts the user for their username and password
3. User inputs username and password
4. Verify Login information
5. The system displays the menu
6. User selects Display all cars in the menu
7. The system displays all the cars in the data from the dealership
8. The system displays the menu
9. End of use case

Scenario Name: User purchases an available car

Description: The process for a user to purchase a car from the dealership using the system

Actors: User

Pre-condition: User has logged in successfully

Trigger-condition: Customer selects Purchase car in the menu

Flow of events:

1. Include <Select car>
2. Include <Check car availability>
3. Include <Check user budget>
4. Include <Update stock databases>
5. Prompt user to enter the ID of the car the user wants to purchase
6. User input car ID
7. Display selected car information
8. Check if the car selected is available
9. Check if the car is within the user budget
10. Prompt user to confirm purchase
11. Display the ticket confirming the purchase with all information
12. System will redirect the user to the main menu
13. End of use case