UC 1: Register

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| --- | --- |
| **Precondition: System does not have a registered account in the Arlington Auto Car Rental System for the System User** | |
| **Actor: System User** | **System: Car Rental System** |
|  | 0.System Displays the Main Application screen (figure 1)**.** |
| **1. TUCBW** the System User selects the Register function on Main Application screen. | 2.System Displays the registration form in registration screen (figure 2). |
| 3.System user fills the details and clicks on register button. | 4.System displays registration successful message (figure 3) and user is redirected back to Login screen (figure 1). |
| **5.TUCEW** System user sees the registration successful message and sees the return to the Main Application screen |  |
| **Post condition: The system creates a new account for system user** | |

**figure 1 figure 2 figure 3**

**Please**

1. **place the EUC at the top of each page - system side should reference figure numbers**
2. **place the corresponding UIPs below it with figure numbers - on the same page**

UC 2: Login

|  |  |
| --- | --- |
| **Precondition: The system has an account in the Arlington Auto Car Rental System for the System User** | |
| **Actor: System User** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Main Application screen (figure 1)**.** |
| **1. TUCBW** the System User enters the username and password and selects the “Login” function on Main Application screen. | 2. The system displays different screens in different scenarios.   1. Admin will be shown Admin Home Screen. 2. Rental Manager will be shown Rental Manager Home Screen. 3. User will be shown User Home Screen. 4. ? |
| **3. TUCEW** the System user gets access into the system. System User sees their function as an indication of successful login. |  |
| **Post condition: The System User is eligible to access the appropriate user function** | |

UC 3: Logout

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| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in** | |
| **Actor: System User** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Home Screen**.** |
| **1. TUCBW** the System User selects the “Logout” function on System User Home Screen. | 2. The system displays Main Application screen. |
| **3. TUCEW** the System User loses access to the system and is returned to the Main Application screen. |  |
| **Post condition: The System User loses access to the system** | |

UC 4: View Profile

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| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: System User** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Home Screen**.** |
| **1. TUCBW** the System User selects the “View Profile” function on System User Home Screen. | 2. The system displays the System User’s View Profile screen   1. Admin is shown Admin details. 2. Rental Manager is shown Rental Manager details. 3. User is shown User details. |
| **3. TUCEW** the System User sees profile details on the View Profile screen. |  |
| **Post condition: the system displays the System User’s information** | |

UC 5: Update Profile

|  |  |
| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: User/Rental Manager** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the View Profile Screen**.** |
| **1. TUCBW** the System User selects the “Update Profile” function on System User View Profile Screen | 2. The system displays the System User’s Update Profile screen   1. Rental Manager is shown Rental Manager details. 2. User is shown User details. |
| 3. The System user can update one or more fields and clicks ‘Update’ button. | 4. The system updates the user profile with updated fields and a confirmation message is displayed to the System user. |
| **5. TUCEW** the System User sees successful update message and returns to the View Profile screen. |  |
| **Post condition: The system displays the System User’s information** | |

UC 6: Search Vehicles

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| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: User** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the User’s Home Screen**.** |
| **1. TUCBW** the User selects the “Search Vehicles” function on User’s Home Screen. | 2. The system displays the Search Vehicles screen. |
| 3. The User fills the details and clicks the “Search Vehicles” button. | 4. The system retrieves the relevant list of available vehicles and displays them on Search Vehicles Screen. |
| **5. TUCEW** the User sees the relevant list of vehicles on Search Vehicles Screen. |  |
| **Post condition: The system displays the relevant vehicles list.** | |

UC 7: Select Vehicle

|  |  |
| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: User** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the User’s Search Vehicles Screen**.** |
| **1. TUCBW** the User selects the ‘Select Vehicle’ function by choosing a vehicle from the User’s Search Vehicle Screen. | 2. The system displays the details of the selected vehicle. |
| **3. TUCEW** the User sees the selected vehicle from the list displayed on Selected Vehicle Screen. |  |
| **Post condition: The system displays the details of the selected vehicle.** | |

UC 8: Reserve Rental

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| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: User** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the User’s Selected Vehicles Screen**.** |
| **1. TUCBW** the User selects the ‘Reserve Rental’ function on the User’s Selected Vehicle Screen by choosing the ‘Reserve’ option. | 2. The system displays the details of the reservation. |
| **3. TUCEW** the User sees the reserved rental on the Reserve Summary screen. |  |
| **Post condition: The system displays the details of the reserved rental.** | |

UC 13: Search All Users

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| --- | --- |
| **Precondition: The system has an account for the Admin in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: Admin** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Admin Home Screen. |
| **1. TUCBW** the admin selects the ‘Search All Users’ function from the Admin Home Screen. | 2. The system displays the list of the users. |
| 3. The admin enters the last name on Search All Users Screen | 4. The system displays the list of users with the corresponding last name. |
| **3. TUCEW** the admin sees the relevant list of users on Search All Users Screen. |  |
| **Post condition: The system displays the details of the searched user(s) by last name.** | |

UC 14: View User

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| --- | --- |
| **Precondition: The system has an account for the Admin in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: Admin** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Search All Users Screen |
| **1. TUCBW** the admin selects the ‘View User’ function by choosing a user from the Search All Users Screen. | 2. The system displays the details of the selected user. |
| **3. TUCEW** the admin sees the selected user from the list displayed on View User Screen. |  |
| **Post condition: The system displays the details of the selected user.** | |

UC 15: Modify User Profile

|  |  |
| --- | --- |
| **Precondition: The system has an account for the Admin in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: Admin** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the View User Screen |
| **1. TUCBW** the admin selects the ‘Modify User Profile’ function by choosing the ‘Modify’ option. | 2. The system displays a form showing the details of the selected user. |
| 3. The admin modifies the details of the selected user and clicks the ‘Update’ button. | 4. The system modifies the user profile with altered fields and a confirmation message is displayed to the System user on the View User Screen. |
| **5. TUCEW** the admin sees the selected user from the list displayed on View User Screen. |  |
| **Post condition: The system displays the modified details of the selected user.** | |

UC 19: View Available Cars

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| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: Rental Manager** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Rental Manager Home Screen. |
| **1. TUCBW** the rental manager selects the ‘View Available Cars’ function from the Rental Manager Home Screen. | 2. The system displays the search vehicles form. |
| 3. The rental manager fills the details and clicks ‘Search’ button on View Available Cars Screen. | 4. The system displays the list of the available cars. |
| **3. TUCEW** the rental manager sees the relevant list of available cars on View Available Cars Screen. |  |
| **Post condition: The system displays the details of the relevant car(s).** | |

UC 20: Search for Car

|  |  |
| --- | --- |
| **Precondition: The system has an account for the System User in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: Rental Manager** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Rental Manager Home Screen. |
| **1. TUCBW** the rental manager selects the ‘Search for Car’ function from the Rental Manager Home Screen. | 2. The system displays the Search for Car form. |
| 3. The rental manager enter the car name and clicks ‘Search’ button on Search for Car Screen. | 4. The system displays the list of the available cars. |
| **5. TUCEW** the rental manager sees the relevant list of available cars on View Search for Car Screen. |  |
| **Post condition: The system displays the details of the relevant car(s).** | |

UC 21: View Selected Car

|  |  |
| --- | --- |
| **Precondition: The system has an account for the Rental Manager in the Arlington Auto Car Rental System that is logged in.** | |
| **Actor: Rental Manager** | **System: Arlington Auto Car Rental System** |
|  | 0. System displays the Rental Manager View Available Cars Screen (or) View Search for Car Screen. |
| **1. TUCBW** the Rental Manager selects the ‘View Selected Car’ function by choosing a vehicle from the View Available Cars Screen (or) View Search for Car Screen. | 2. The system displays the details of the selected car. |
| **3. TUCEW** the rental manager sees the details of the selected car on View Car Details Screen. |  |
| **Post condition: The system displays the details of the selected car.** | |