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| **Use Case Name:** | Manage Account | |
| **Scenario:** | Vehicle owner/renter wants to create, view, update, or delete account. | |
| **Triggering Event:** | Request to manage account | |
| **Brief Description:** | This will allow vehicle owners and renters to manage (create, view, update, or delete) an account. | |
| **Actors:** | Vehicle owner, vehicle renter | |
| **Related Use Case:** | - | |
| **Stakeholders:** | Vehicle owner, vehicle renter | |
| **Preconditions:** | The mobile application must be installed to create an account.  There must be an existing account to view, update or delete account. | |
| **Post-conditions:** | The account must be created, viewed, updated, or deleted in the app. | |
| **Flow of Activities:** | **Actor** | **System** |
| **A.1** The user selects **“Create Account”**  **A.2** The user enters the necessary information. | **A.1.1**The system will the user to input the necessary information to create an account.  **A.2.1** The system will validate the data entered.  **A.2.2** The system will store all the data entered.  **A.2.3** The system will direct the user to the homepage. |
| **B.1** The user wants to update account.  **B.2** The user enters the desired changes. | **B.1.1** The system will display the current information  **B2.1** The system will validate the new data entered.  **B.2.2** The system will store the new data entered. |
| **C.1** The user deletes the account.  **C.2** The user confirms. | **C.1.1** The system will ask “Are you sure you want to delete your account?”  **C.2.1** The account will be logged out.  **C.2.2** The account will be deleted from the app. |
| **Exception Conditions:** | If there is no mobile application yet, install it first.  If user entered invalid information, re-enter a valid info. | |

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| **Use Case Name:** | Manage Listing | |
| **Scenario:** | Vehicle owner wants to create, view, update, or delete listing. | |
| **Triggering Event:** | Request to manage vehicle listing | |
| **Brief Description:** | This will allow vehicle owners to manage (create, view, update, or delete) their vehicle listing. | |
| **Actors:** | Vehicle owner | |
| **Related Use Case:** | Manage Account | |
| **Stakeholders:** | Vehicle owner | |
| **Preconditions:** | There must be an existing vehicle listing to view, update, or delete listing. | |
| **Post-conditions:** | The vehicle listing must be added, viewed, updated, or deleted in the app. | |
| **Flow of Activities:** | **Actor** | **System** |
| The user logs in. |  |
| **A.1** The user selects “**List a car”.**  **A.2** The user input the car details.  **A.3** The user will sets the availability  **A.4** The user uploaded the docs. | **A.1.1** The system will ask for the car details and images.  **A.2.1** The system will ask the user to set the availability or schedule it is open for renting.  **A.3.1** The system will ask the user to upload a scanned copy of the OR/CR of the vehicle.  **A.4.1** The system will store the information and publish the vehicle listing in the app. |
| **B.1** The user wants to view the listing. | **B.1.1** The system will display the vehicle listing. |
| **C.1** The user wants to update listing.  **C.2** The user enters the desired changes. | **C.1.1** The system will display the current information  **C.2.1** The system will store the new data entered.  **C.2.2** The system will update the published listing in the app. |
| **D.1** The user deletes the listing.  **D.2** The user confirms. | **D.1.1** The system will ask “Are you sure you want to delete the listing?”  **D.2.1** The system will delete the listing.  **D.2.2** The system will direct the user back to the homepage |
| **Exception Conditions:** | If OR/CR is not uploaded, the listing will not be published in the app. | |

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| **Use Case Name:** | Rent a Car | |
| **Scenario:** | Vehicle renter requests to rent a car. | |
| **Triggering Event:** | Request a car | |
| **Brief Description:** | This will allow vehicle renters to book/rent a car. | |
| **Actors:** | Vehicle renter | |
| **Related Use Case:** | Manage Account, Manage Listing | |
| **Stakeholders:** | Vehicle owner, vehicle renter | |
| **Preconditions:** | The vehicle renter must be a registered user. | |
| **Post-conditions:** | The user must be able to send a request to the vehicle owner. | |
| **Flow of Activities:** | **Actor** | **System** |
| **1**  The user logs in |  |
| **2** The user selects “**Browse”.** | **2.1** The system will display available vehicles. |
| **3** The user selects a car. | **3.1** The system will ask the user to input trip details (destination, date, time, etc.) |
| **4** The user selects **“Send Request”.** | **4.1** The system will send a notification to the vehicle owner. |
| **Exception Conditions:** | If not a registered user, create an account. | |

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| **Use Case Name:** | Approve Request | |
| **Scenario:** | Vehicle owner wants to approve request. | |
| **Triggering Event:** | Approval request | |
| **Brief Description:** | This will allow vehicle owners to approve requests from renters. | |
| **Actors:** | Vehicle renter | |
| **Related Use Case:** | Manage Account, Manage Listing, Rent a car | |
| **Stakeholders:** | Vehicle owner, vehicle renter | |
| **Preconditions:** | The vehicle owner must be a registered user.  The vehicle owner must receive a request. | |
| **Post-conditions:** | A notification of approval must be sent to the vehicle renter. | |
| **Flow of Activities:** | **Actor** | **System** |
| **1**  The user logs in |  |
| **2** The user selects “**Notifications”.** | **2.1** The system will display the notifications tab and requests from renters. |
| **3** The user accepts the request. | **3.1** The system will notify the vehicle renter that the request has been approved. |
| **Exception Conditions:** | The request won’t be approved if it has not been received. | |

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| **Use Case Name:** | View Feedback | |
| **Scenario:** | Vehicle owner and renter wants to view feedback. | |
| **Triggering Event:** | View user feedback | |
| **Brief Description:** | This will allow the user to see user feedbacks and reviews. | |
| **Actors:** | Vehicle owner, vehicle renter | |
| **Related Use Case:** | Manage Account, Rent a car | |
| **Stakeholders:** | Vehicle owner, vehicle renter | |
| **Preconditions:** | The user must be registered and logged in to see feedbacks.  There must already be an existing transaction. | |
| **Post-conditions:** | The user must be able to see the catalog feedback. | |
| **Flow of Activities:** | **Actor** | **System** |
| **1**  The user logs in |  |
| **2** The user selects “**Feedbacks”.** | **2.1** The system will display the catalog feedback. |
| **Exception Conditions:** | The user won’t be able to see feedbacks if not logged in.  There won’t be feedbacks if a transaction hasn’t been made yet. | |

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| **Use Case Name:** | Generate Statistics Report | |
| **Scenario:** | Admin requests the system to generate statistics report of most rented vehicles. | |
| **Triggering Event:** | Statistics request | |
| **Brief Description:** | This will allow the admin to generate a statistic report of the most rented vehicles. | |
| **Actors:** | Admin | |
| **Related Use Case:** | Rent a car, Approve Request | |
| **Stakeholders:** | System, Admin | |
| **Preconditions:** | It should be the end of the month**.**  Transactions must exist.  Admin must be logged in. | |
| **Post-conditions:** | A report of the most rented vehicles must be produced. | |
| **Flow of Activities:** | **Actor** | **System** |
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| **Exception Conditions:** |  | |