

Use Case Name:	Create Account	
Scenario:	User wants to create an account.	
Triggering Event:	New account request	
Brief Description:	This will allow the user to create an account.	
Actors:	Vehicle owner, vehicle renter	
Related Use Case:	Log In	
Stakeholders:	Vehicle owner, vehicle renter	
Preconditions:	The user must have the mobile application installed.	
Postconditions:	The data entered must be stored to the database. Account verification must be sent to the user.	
Flow of Activities:	Actor	System
	<ol style="list-style-type: none"> 1. The user opens the mobile application. 2. The user taps Create Account. 3. The user enters the required information. 4. The user enters the verification code. 	<ol style="list-style-type: none"> 1.1 The system displays the create account/log in page. 2.1 The system prompts the user to enter the required information. 3.1 The system validates the data entered. 3.2 The system sends a verification code and displays the verification page. 4.1 The system validates the verification code. 4.2 The system stores all the data entered. 4.3 The system directs the user to the home page.
Exception Conditions:	If the user entered invalid data. If the user entered invalid verification code. If the user cancels the request.	

Use Case Name:	Log In	
Scenario:	User wants log in.	
Triggering Event:	Log in request	
Brief Description:	This will allow the user to log in.	
Actors:	Vehicle owner, vehicle renter	
Related Use Case:	Create Account	
Stakeholders:	Vehicle owner, vehicle renter	
Preconditions:	The user must create an account.	
Postconditions:	The user must be able to access the app features.	
Flow of Activities:	Actor	System
	<ol style="list-style-type: none"> 1. The user opens the mobile application. 2. The user taps Log In. 3. The user enters his credentials and clicks on Log In button. 	<ol style="list-style-type: none"> 1.2 The system displays the create account/log in page. 2.2 The system prompts the user to enter email and password. 3.1 The system validates credentials. 3.2 The system directs the user to the home page.
Exception Conditions:	<p>If the user entered an invalid email/password.</p> <p>If the user does not have an account yet, initiate <i>Create Account</i> use case.</p>	

Use Case Name:	Rent a Car	
Scenario:	Vehicle renter wants to rent a car.	
Triggering Event:	Request a car	
Brief Description:	This will allow the user to rent a car.	
Actors:	Vehicle renter	
Related Use Case:	Make an Offer, Approve Request, View Profile	
Stakeholders:	Vehicle renter	
Preconditions:	The vehicle renter must be logged in.	
Postconditions:	The vehicle must be able to book a car. A notification must be sent to the vehicle owner.	
Assumptions:	The vehicle renter is already logged in.	
Flow of Activities:	Actor	System
	1. The vehicle renter taps on Browse Cars . 2. The vehicle renter clicks on a vehicle listing. 3. The vehicle renter clicks Book Now . 4. The user enters the trip details. 5. Click Send Request .	1.1 The system displays the list of vehicles. 2.1 The system displays the vehicle information page. 3.1 The system prompts the renter to enter trip details. 5.1 The system sends a rent request notification to the vehicle owner.
Exception Conditions:	2.2 If the renter wants to check the profile of owner, initiate <i>View Profile</i> use case. 4.1 If the user wants to negotiate the renting price of the vehicle, initiate <i>Make an Offer</i> use case.	

Use Case Name:	Manage Listing	
Scenario:	Vehicle owner wants to list his car.	
Triggering Event:	Request to manage listing	
Brief Description:	This will allow the vehicle owner to create, view, update, or delete a vehicle listing.	
Actors:	Vehicle owner	
Related Use Case:		
Stakeholders:	Vehicle owner	
Preconditions:	The vehicle owner must be logged in.	
Postconditions:	The listing must be published in the mobile application.	
Assumptions:	The vehicle owner is already logged in.	
Flow of Activities:	Actor	System
	1. The vehicle owner taps on the Listing tab. 2.a The vehicle owner taps Add Vehicle Listing . 3. The vehicle owner enters all required information.	1.1 The system displays the listing page. 2.1 The system prompts the user to enter required vehicle information and upload required documents. 3.1 The system will store the information and publish the vehicle listing in the app.
Exception Conditions:	2.b If the vehicle owner wants to view, the system displays the vehicle listing details. 2.c If the vehicle owner wants to edit the listing, the system displays the listing in edit mode. 2.d If the vehicle owner wants to delete an existing listing, The system removes the listing from the app.	

Use Case Name:	Make an offer	
Scenario:	The vehicle renter wants to make an offer.	
Triggering Event:	Offer request	
Brief Description:	This will allow the vehicle renter to negotiate the renting price of the vehicle.	
Actors:	Vehicle renter	
Related Use Case:	Rent a car, Create Account, Log In, Approve Request	
Stakeholders:	Vehicle renter	
Preconditions:	The vehicle renter must be logged in.	
Postconditions:	The offer request must be included in the trip details that will be sent to the vehicle owner.	
Assumptions:	The vehicle renter already clicked on a vehicle listing tapped the Book Now button.	
Flow of Activities:	Actor	System
	2. The vehicle renter enters the trip details. 3. The vehicle renter clicks on Make an offer . 4. The vehicle renter enters the desired price. 5. The vehicle renter clicks Send Request .	1. The system prompts the renter to enter trip details. 3.1 The system prompts the renter to enter the price offer. 4. 1 The system redirects the page back to Booking page. 5.1 The system will send the rent request to the vehicle owner.
Exception Conditions:	-	

Use Case Name:	Approve Request	
Scenario:	Vehicle owner wants to accept a rent request.	
Triggering Event:	Request to manage listing	
Brief Description:	This will allow the vehicle owner to create, view, update, or delete a vehicle listing.	
Actors:	Vehicle owner	
Related Use Case:	Rent a Car	
Stakeholders:	Vehicle owner	
Preconditions:	The vehicle owner must be logged in. The vehicle owner must receive a rent request notification.	
Postconditions:	The vehicle renter must receive a rent request.	
Assumptions:	The vehicle owner is already logged in.	
Flow of Activities:	Actor	System
	1. The vehicle owner taps on Notifications . 2. The vehicle renter taps on a request. 4. The vehicle renter taps Accept .	1.2 The system displays the notification page. 2.1 The system displays the trip details sent by the renter. 3.1 The systems notifies the renter that the rent request has been accepted.
Exception Conditions:	3. If the vehicle owner wants to view profile, initiate <i>View Profile</i> use case. 4.1 If the vehicle owner declines the request, the system notifies the vehicle renter that the rent request had been declined.	

Use Case Name:	View Profile	
Scenario:	The vehicle renter wants to view the profile of the vehicle owner.	
Triggering Event:	Profile request	
Brief Description:	This will allow the vehicle renter to view the profile of the vehicle owner.	
Actors:	Vehicle renter	
Related Use Case:	Rent a Car	
Stakeholders:	Vehicle renter	
Preconditions:	The vehicle renter must select a vehicle listing.	
Postconditions:	The vehicle renter must be able to see the vehicle owner's profile.	
Assumptions:	The vehicle renter is already logged in.	
Flow of Activities:	Actor	System
	1. The vehicle renter opens a listing. 2. The vehicle renter clicks on the icon of the vehicle owner.	1.1 The system displays the vehicle information. 2.1 The system displays the profile of the owner.
Exception Conditions:	3. If the vehicle renter wants to view the feedbacks on the owner, initiate <i>View Feedback</i> use case.	

Use Case Name:	View Feedback	
Scenario:	The vehicle renter wants to view the feedbacks on the owner.	
Triggering Event:	View user feedback	
Brief Description:	This will allow the vehicle renter to view the feedbacks on the owner.	
Actors:	Vehicle renter	
Related Use Case:	View Profile	
Stakeholders:	Vehicle renter	
Preconditions:	The vehicle renter must select a vehicle listing.	
Postconditions:	The vehicle renter must be able to see the feedbacks.	
Assumptions:	The vehicle renter is already on the profile of the vehicle owner.	
Flow of Activities:	Actor	System
	1. The vehicle renter taps Feedbacks .	1.1 The system displays the feedback catalog.
Exception Conditions:	-	

Use Case Name:	Generate Reports	
Scenario:	The admin requests the system to generate reports	
Triggering Event:	Report request	
Brief Description:	This will allow the administrator to generate a report.	
Actors:	Administrator	
Related Use Case:		
Stakeholders:	Administrator	
Preconditions:	There must be existing bookings.	
Postconditions:	A report must be created. The report must be stored in the database.	
Flow of Activities:	Actor	System
	1. The admin wants to generate a report. 2. The admin receives the report.	1.1 The system retrieves data from the database. 1.2 The system analyzes the data. 1.3 The system sends the generated report. 2.1 The system stores the report in the database.
Exception Conditions:	If there is no existing booking.	