

CAR RENTAL

MEMBERS : 17.01.04.084

17.01.04.089

17.01.04.091

17.01.04.100

17.01.04.104

Use Case Diagram & Narrative

Subsystems....

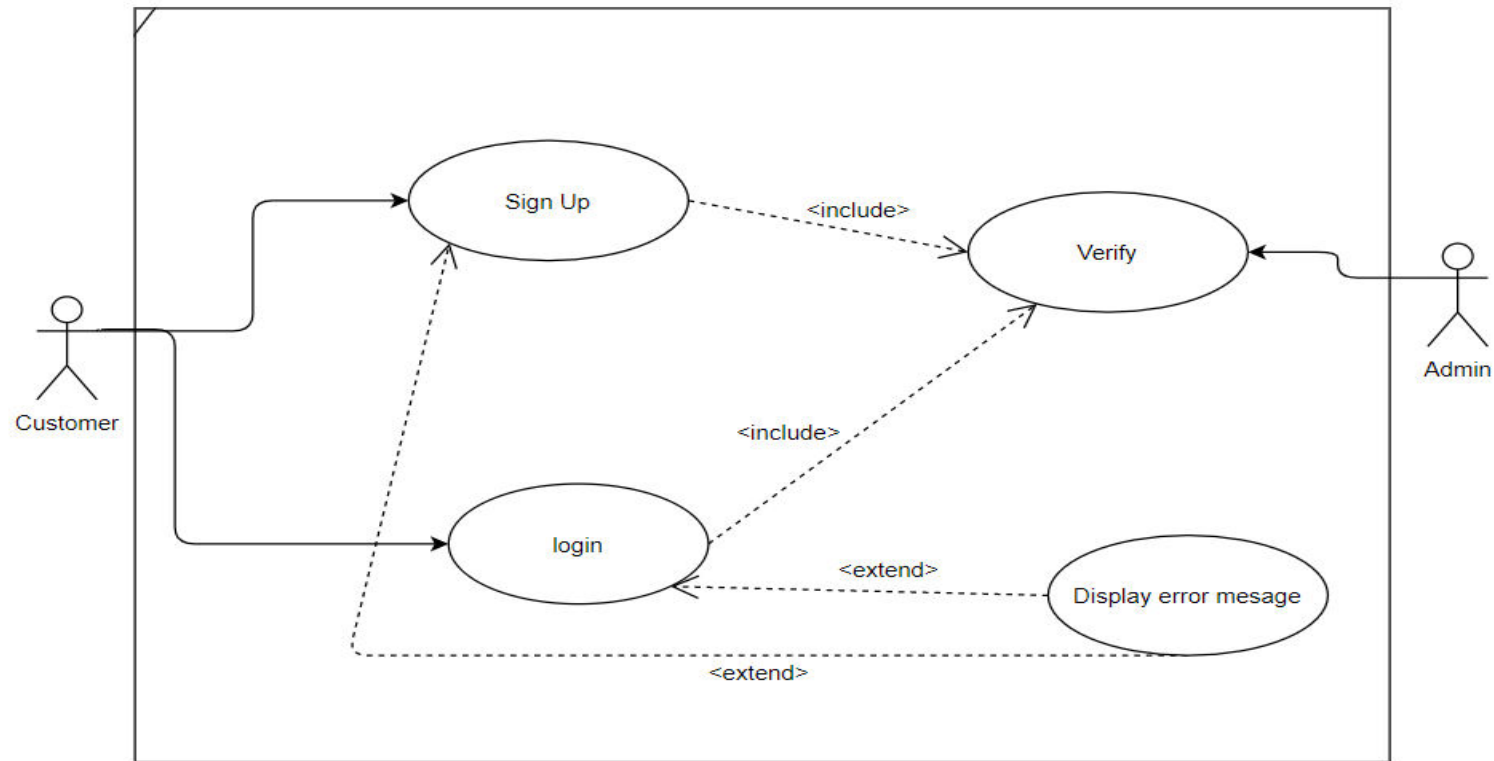
- ▶ Registration
- ▶ User Profile
- ▶ Rental
- ▶ Payment
- ▶ Customer Services

Let's Take a Look at the Subsystems and Their Use case Diagram and Selective Use Case Narrative

Registration Subsystem

Use-Case name	Actors
Sign Up	Customer, Admin,
Login	Registered Customer, Admin

Use case diagram for Registration Subsystem



Use case narrative of 'Sign up' use case:

- ▶ Name : Sign Up
- ▶ Priority : High
- ▶ Primary Actor : Non Registered user
- ▶ Secondary Actor : Admin
- ▶ Precondition : User should click on the register button

Use case narrative of 'Login' use case:

- ▶ Name : Login
- ▶ Priority : High
- ▶ Primary Actor : Registered User
- ▶ Secondary Actor : Admin
- ▶ Precondition: User should be a registered member

Typical Course of Events

Non-Registered	System Response
1.Non registered Customer provides information	2.Admin Verifies information
	3.Account created

Alternate Course of Events

2.Admin detects wrong user information

Typical Course of Events

Registered customer	System Response
1.User provides user id and password	2.Admin verifies information
	3.Permits user to complete renting cars and payment.

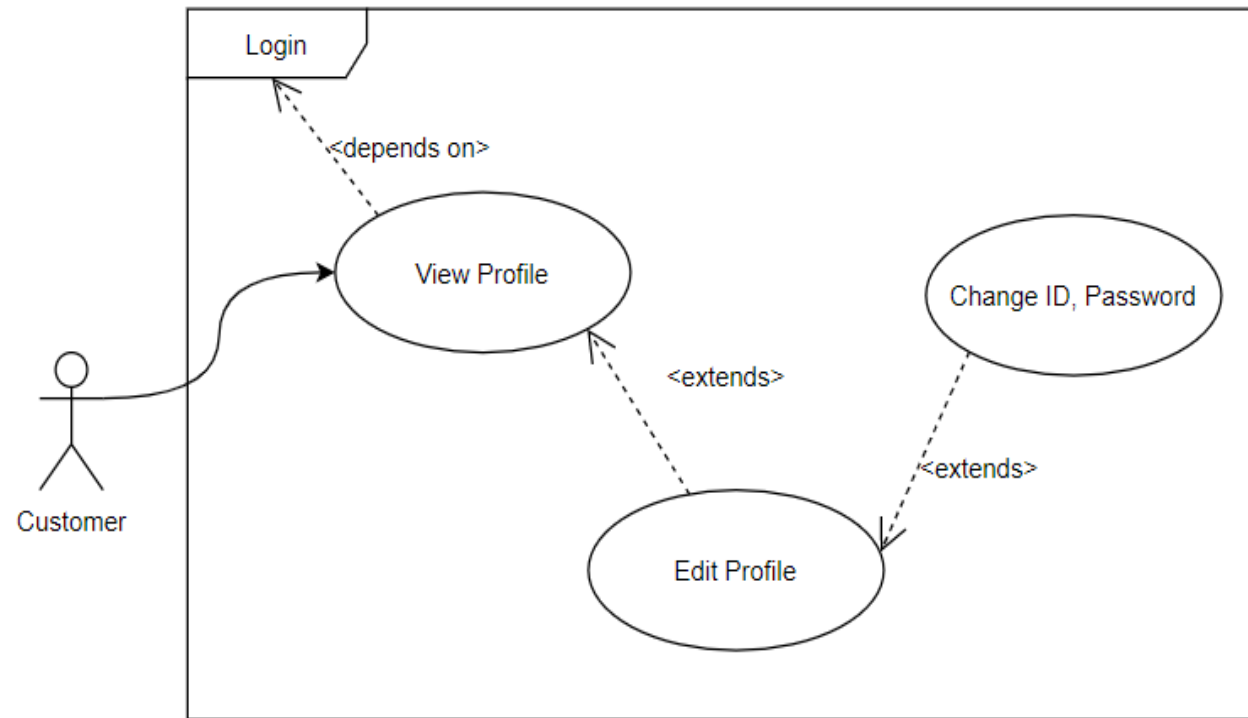
Alternate Course of Events

2. Admin detects wrong id and password for user

Profile Subsystem

Use-case name	Actors
View Profile	Customer

Use case diagram for User Profile Subsystem



Use case narrative of 'View profile' use case:

- ▶ Name : View profile
- ▶ Priority : Medium
- ▶ Primary actor : Customer
- ▶ Precondition : Customer must login to view his/her profile

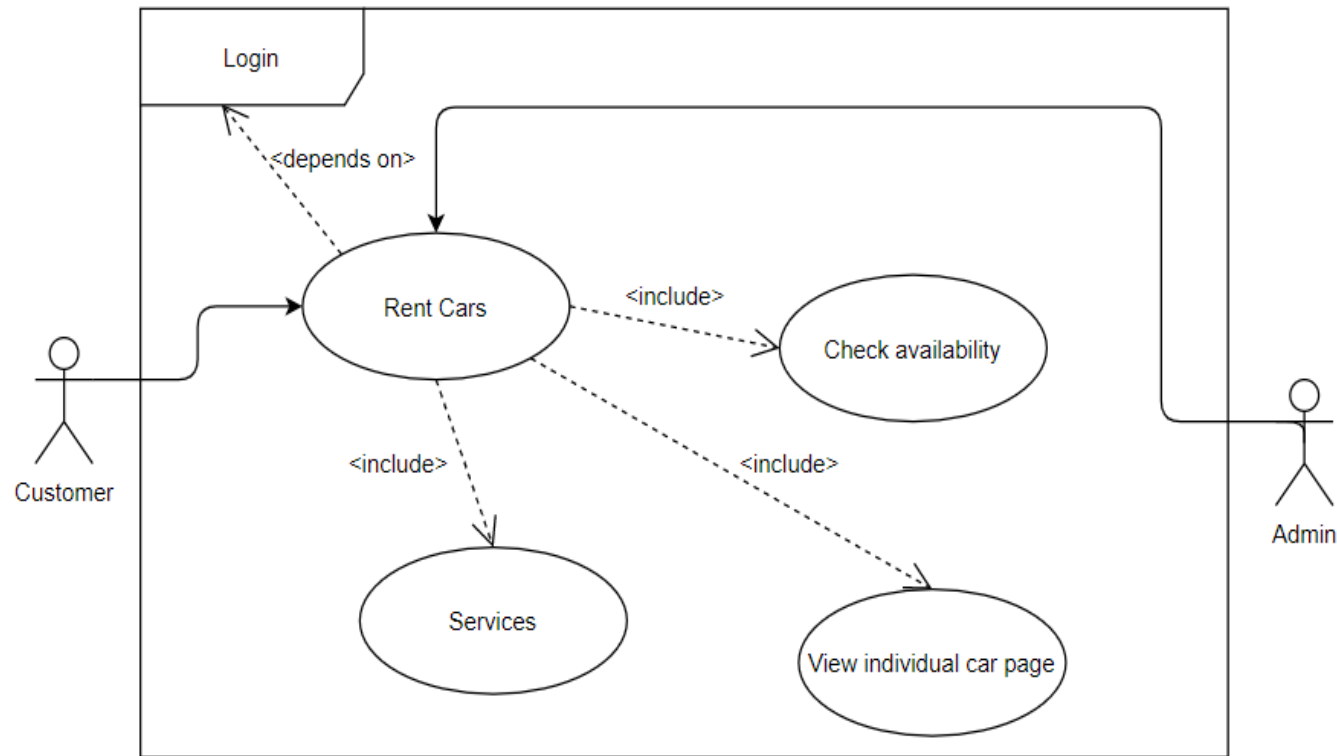
Typical Course of Events

Customer	System Response
1.Clicks on view profile to view his/her profile	2.System shows the profile to the customer
3.If the customer clicks to edit profile	4.System gives Customer the option of changing ID, Password etc.

Rental Subsystem

Use Case name	Actors
Rent Cars	Customer, Admin

Use case Diagram for Rental Subsystem



Use case narrative of 'Rental' use case:

- ▶ Name : Rent Cars
- ▶ Priority : High
- ▶ Primary actor : Customer
- ▶ Secondary actor : Admin
- ▶ Precondition : User must login before renting a car

Typical Course of Events

Customer	System Response
1. Customer searched cars for hiring	2.If the car is available with the asked services then the individual care page is shown with rent option
3.Customer clicks one the rent option	4.System take the customer to the payment page

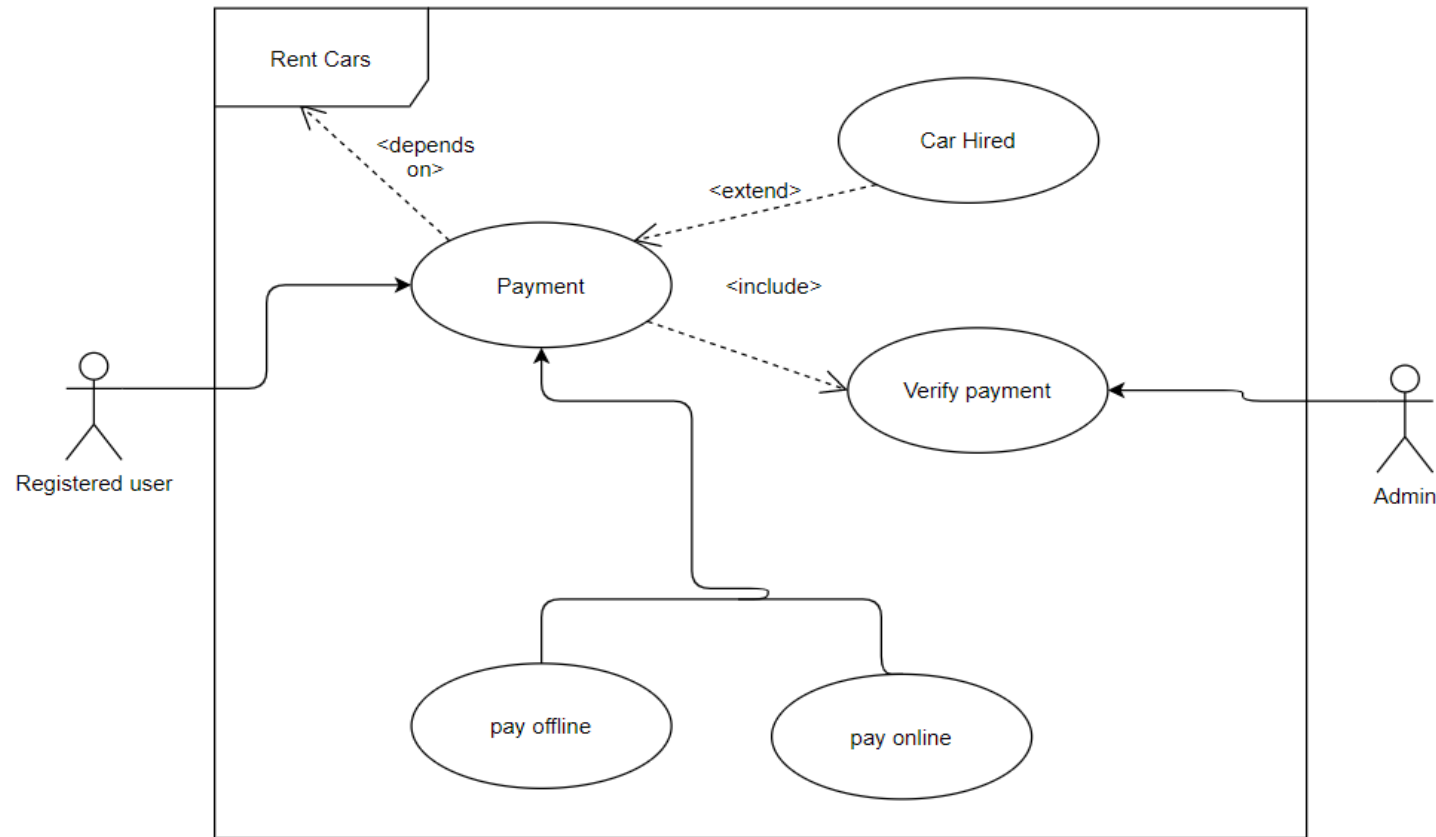
Alternate Course Event

2.If the car is not available the system shows no result

payment Subsystem

Use-Case Name	Actors
payment	Registered customer, Admin

Use case diagram Payment Subsystem



Use case narrative of 'Payment' use case:

- ▶ Name : payment
- ▶ Priority : High
- ▶ Primary Actor : Registered Customer
- ▶ Secondary Actor : Admin
- ▶ Precondition : User must login and select car for payment

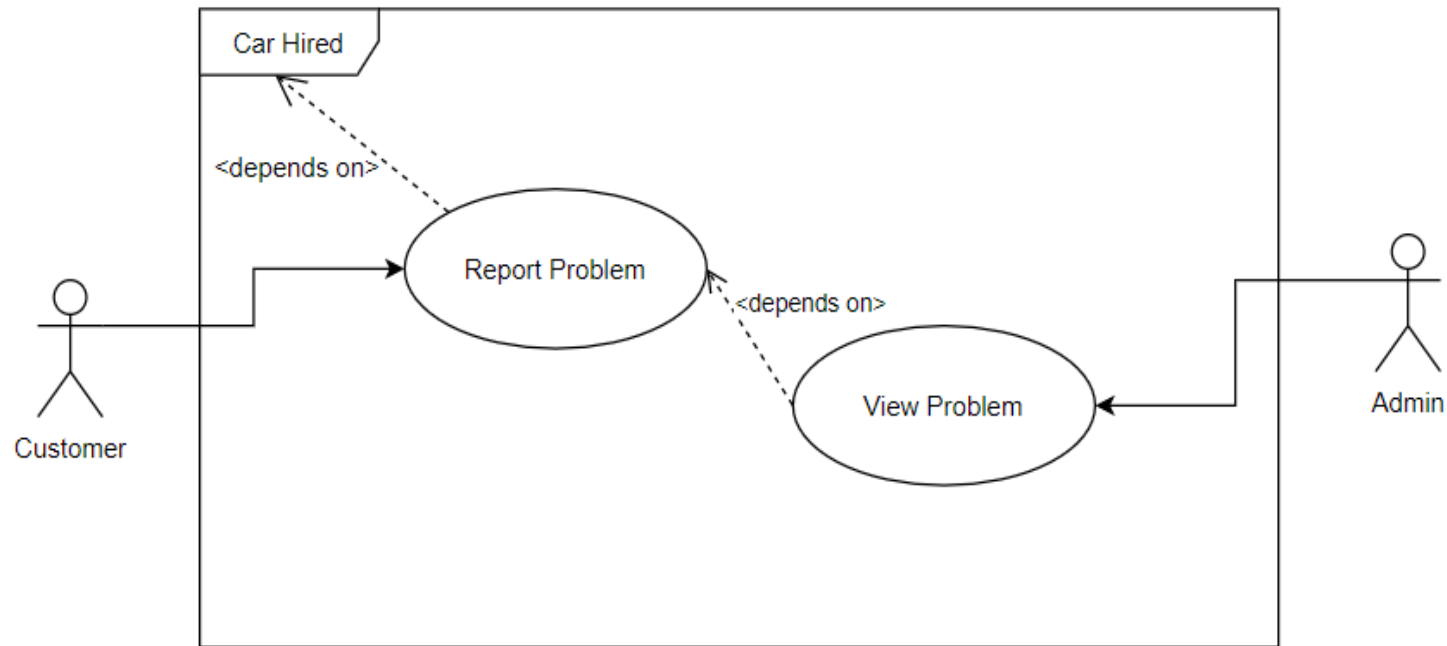
Typical Course of Events

User	System Response
1. User requested for payment	2.Paying request is received
	3.Paying online/offline Option generated by system
	4.If user have offer, offer is applied
	5.Verifying payment request is sent to the Admin
	6.If the payment is legal then the car is hired and the data is stored in database.

Customer Service Subsystem

Use-case Name	Actors
Report Problem	Registered user, Admin

Use case diagram for Customer Service Subsystem



Use case narrative of 'Report problem' use case:

- ▶ Name : Report problem
- ▶ Priority: Medium
- ▶ Primary Actor : Registered user
- ▶ Precondition: User must hire any car for reporting problem

Typical Course of Events

Registered user	System Response
1.User reported a problem about the car he hired	2.Report is stored in the database
	3.Admin reads the report and takes necessary steps.

Any Questions?????

Thank You.....