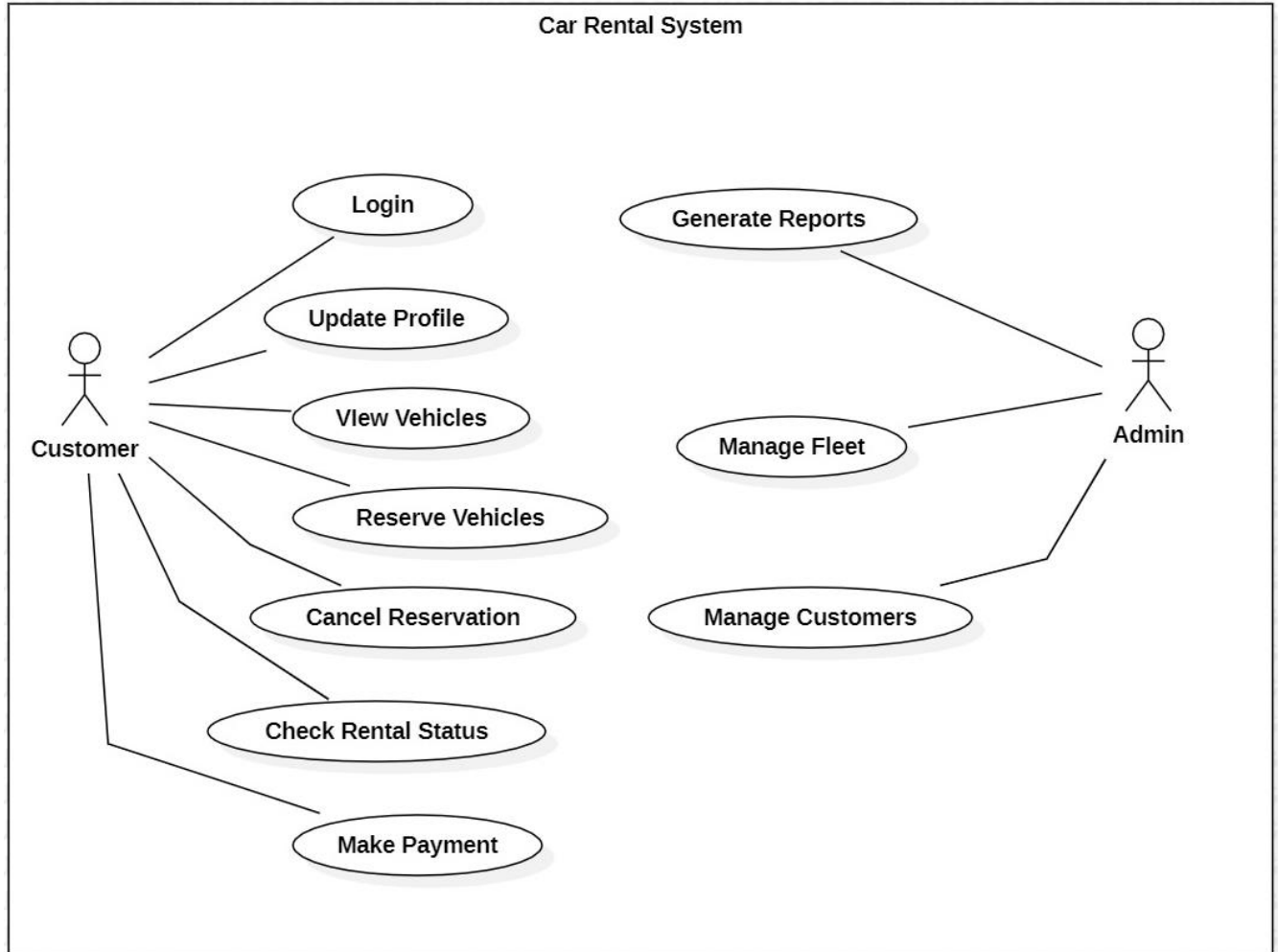
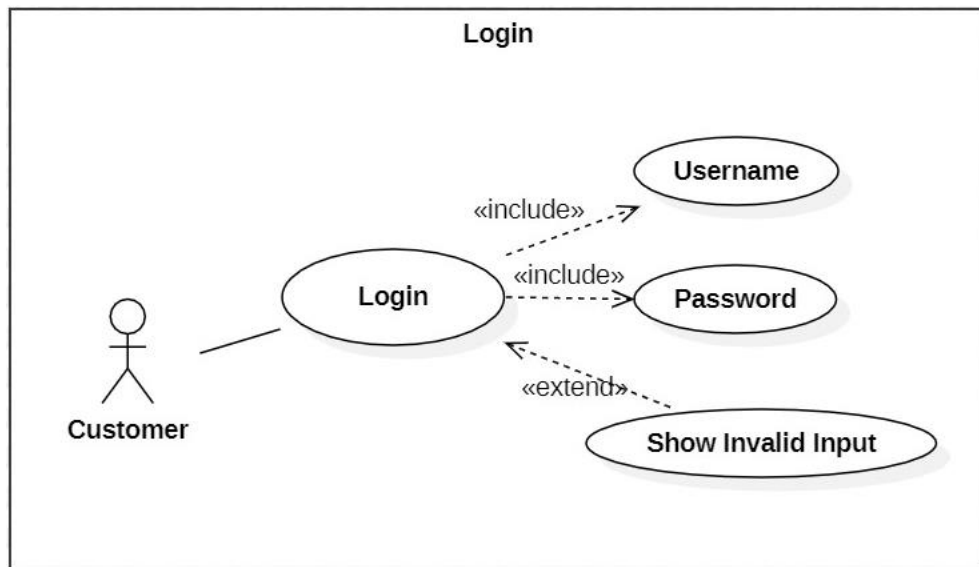


A use case diagram is a visual representation of the interactions between actors (users or external systems) and the system being modeled.

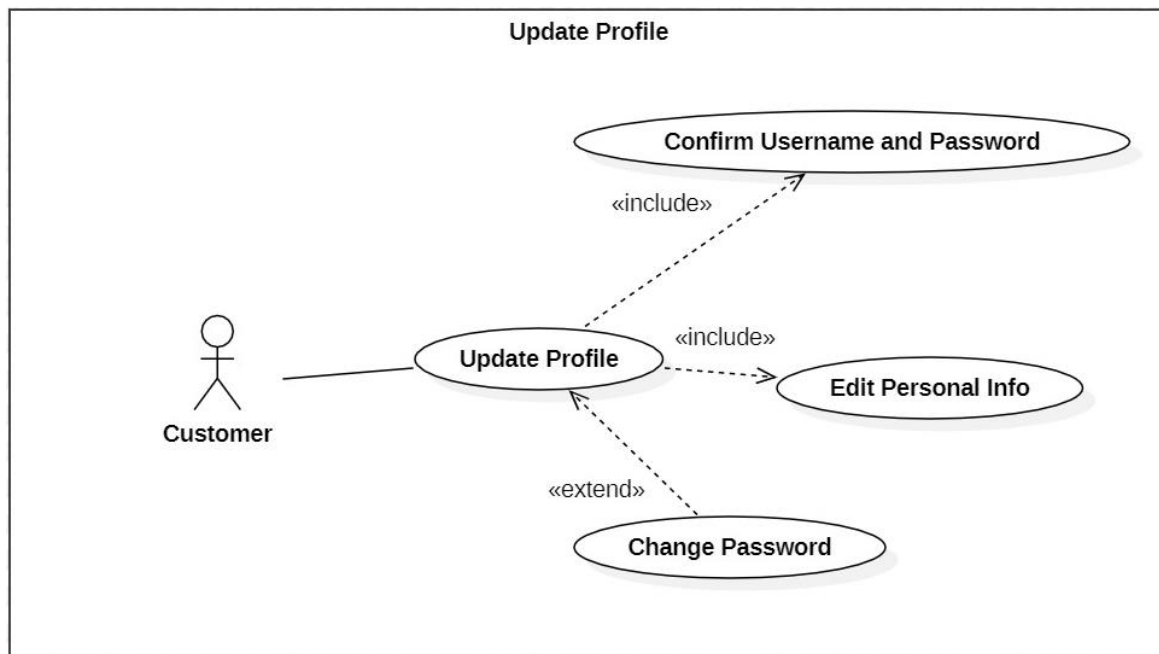
### Car Rental System Use-Case Diagram



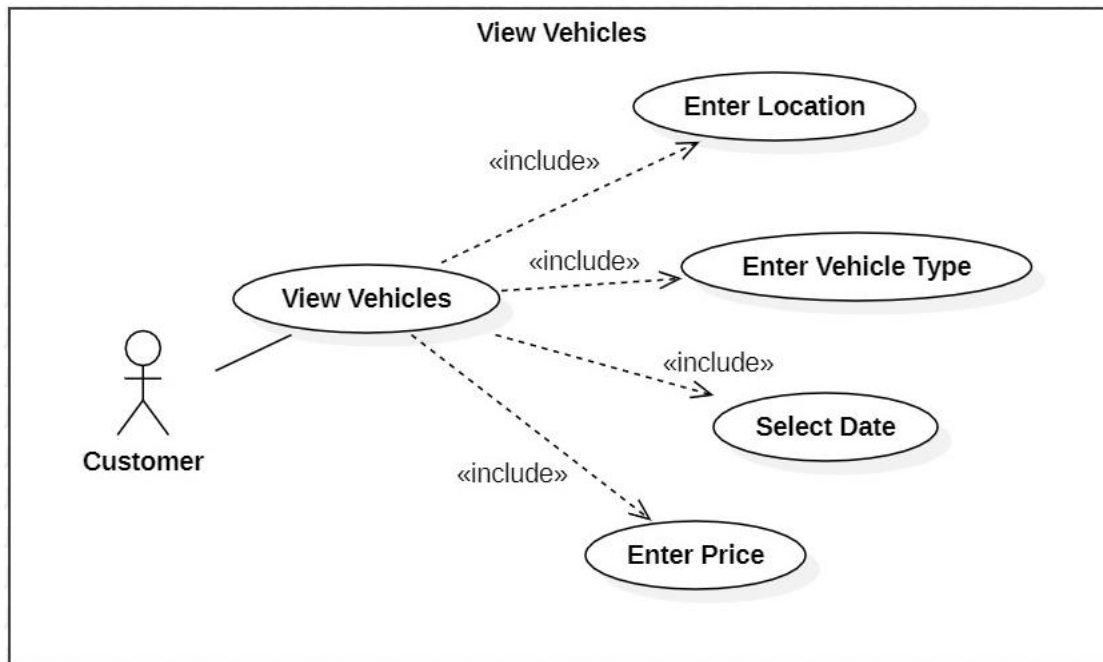
Login: Customers can login with valid username and password.



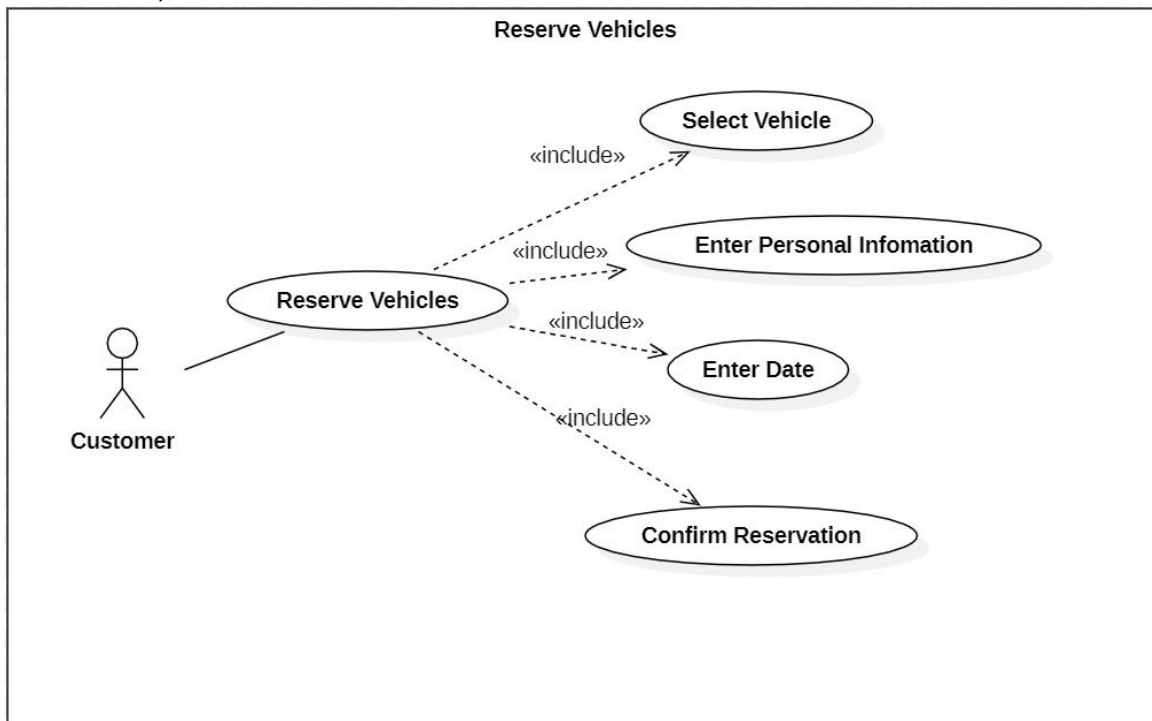
Update Profile: Customers can edit personal information or change password.



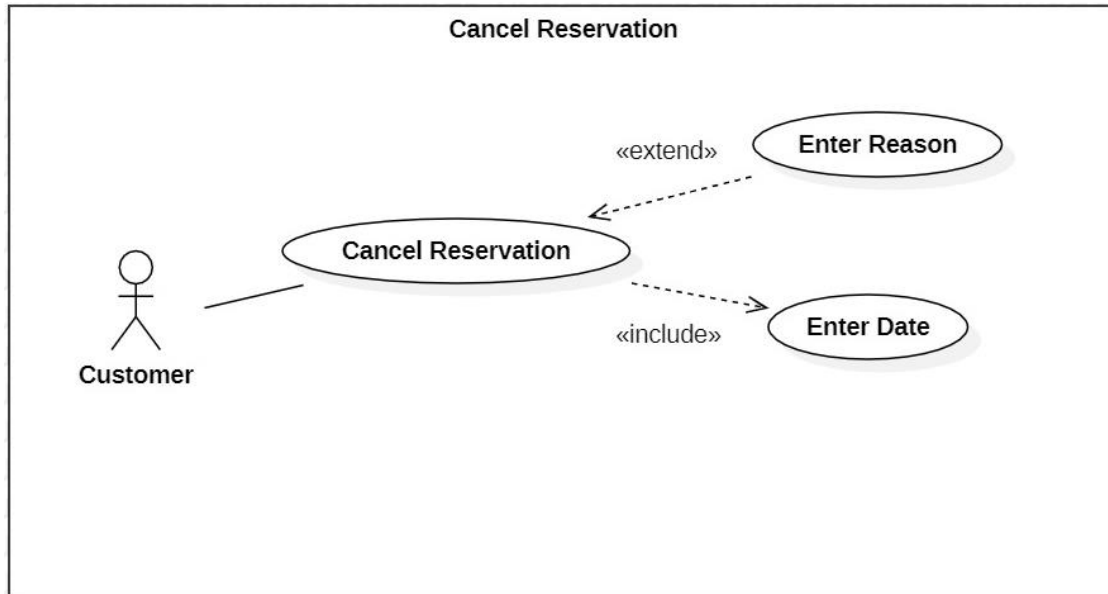
View Vehicles: Customers can view available vehicles, filtered by criteria such as location, type and price.



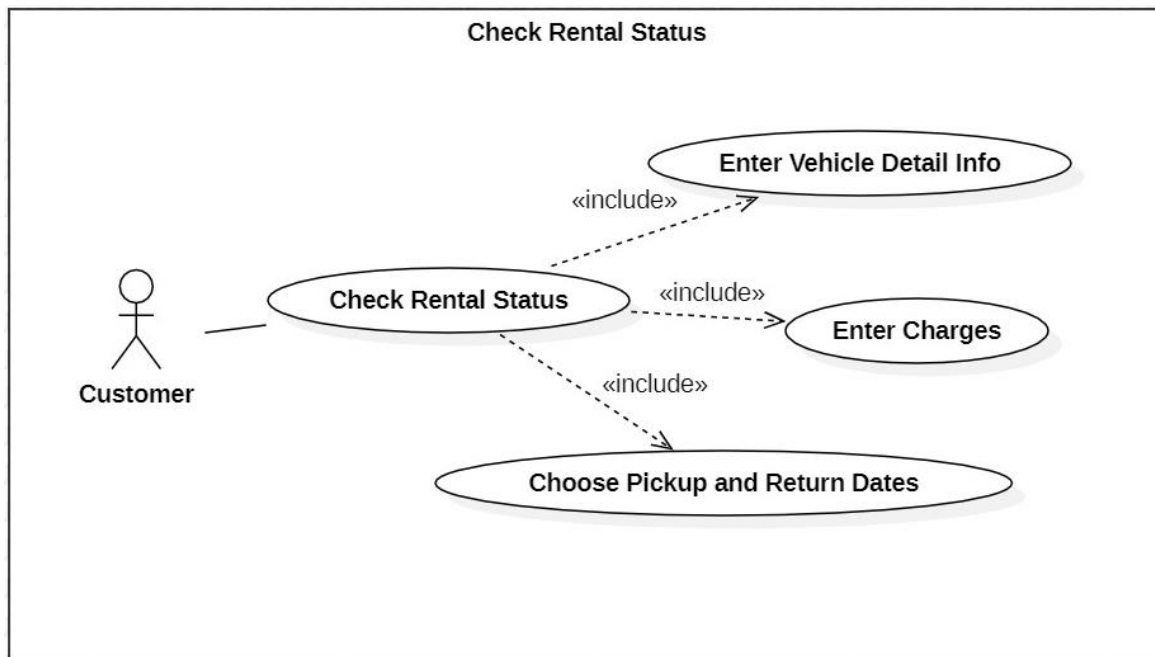
Reserve Vehicles: Customer can select a vehicle, enter their rental dates and personal information, and confirm the reservation.



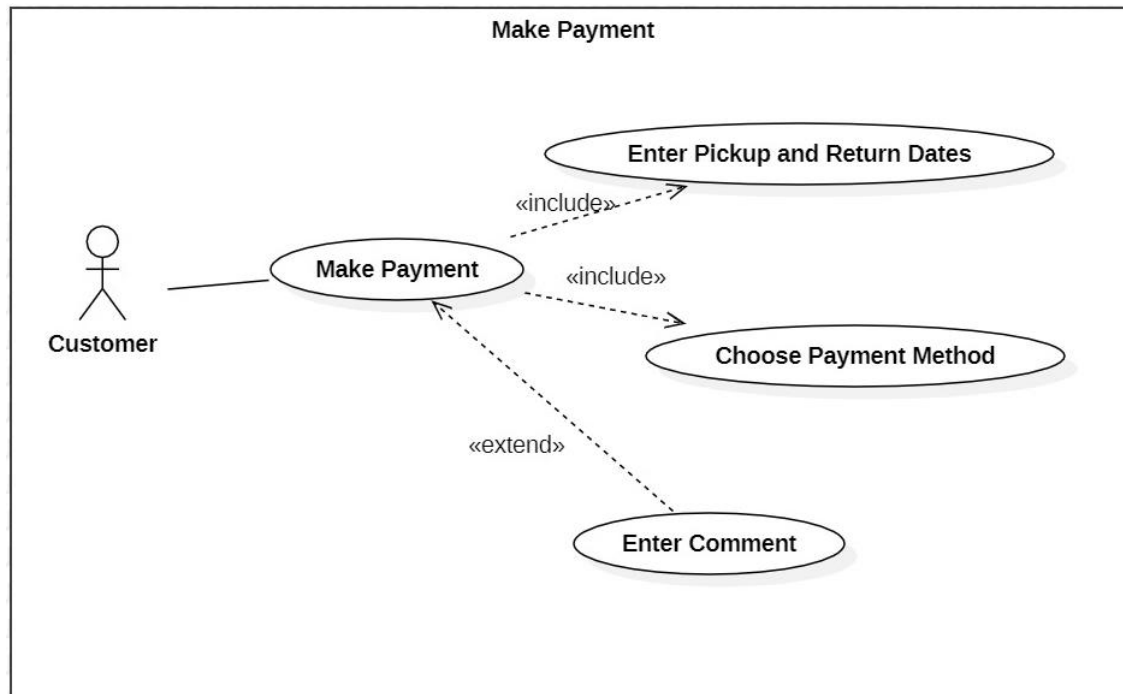
Cancel Reservation: Customer can cancel a previously made reservation.



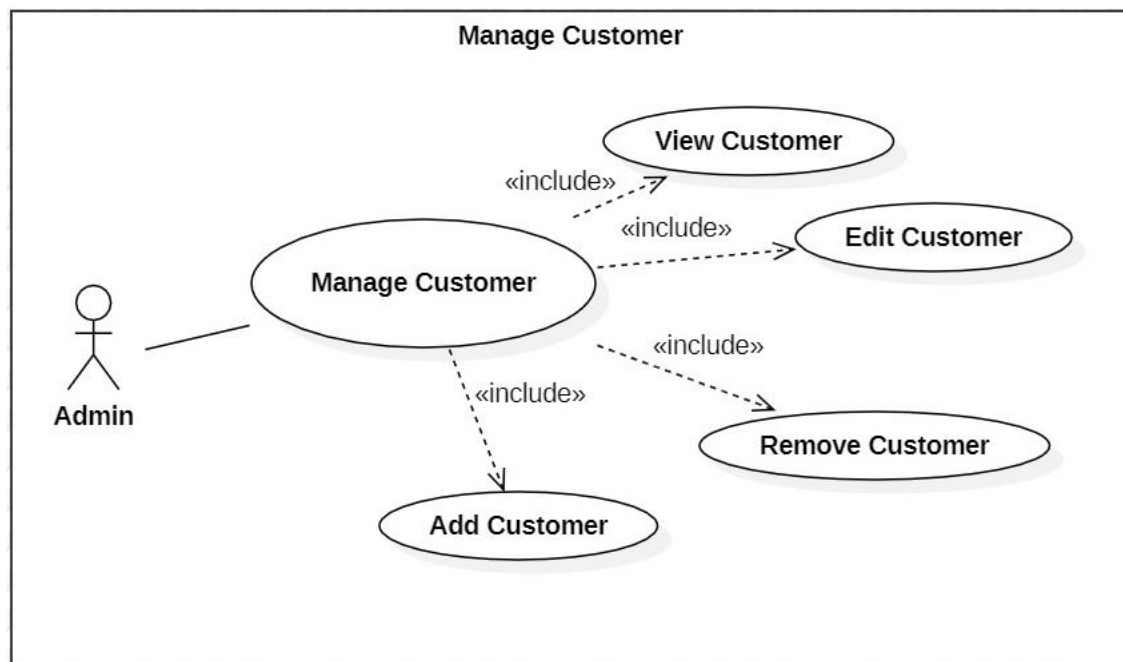
Check Rental Status: Customer can check the status of a current or past rental, including pickup and return dates, vehicle details, and rental charges.



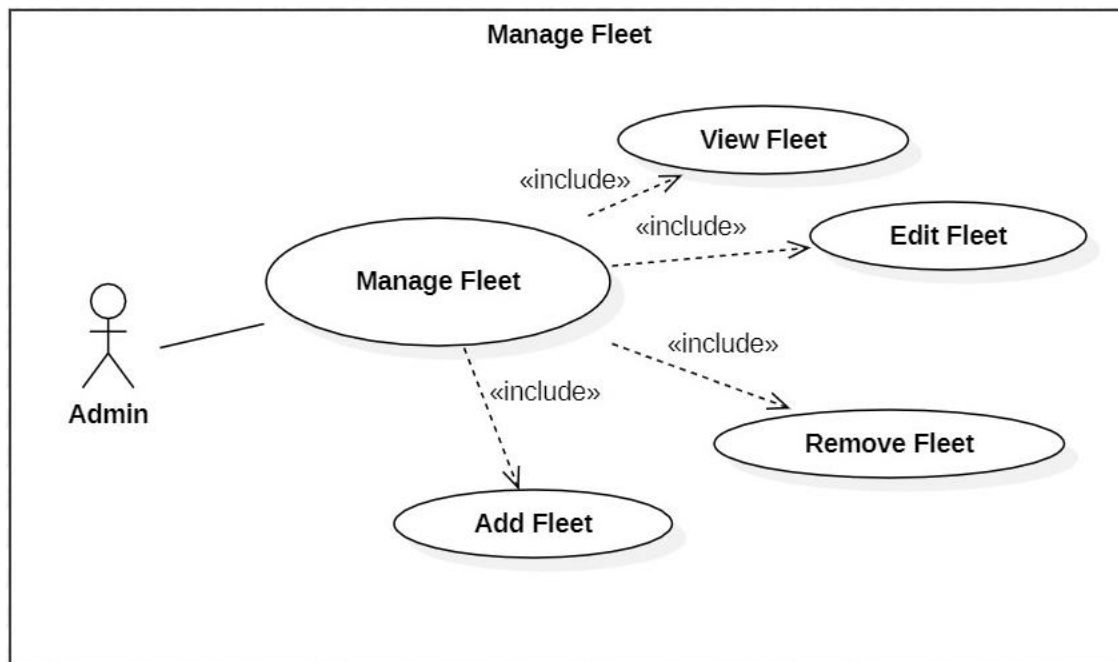
Make Payment: Customer make a payment for a reservation or rental.



Manage Customers: An administrator can view, add, edit, or remove customer information.



Manage Fleet: An administrator can add, edit, or remove vehicles from the fleet, and view fleet-wide statistics such as usage and maintenance status.



Generate reports: an administrator generates reports on rental activity, revenue, and fleet usage for a given time period.

