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Haroon Ayaz

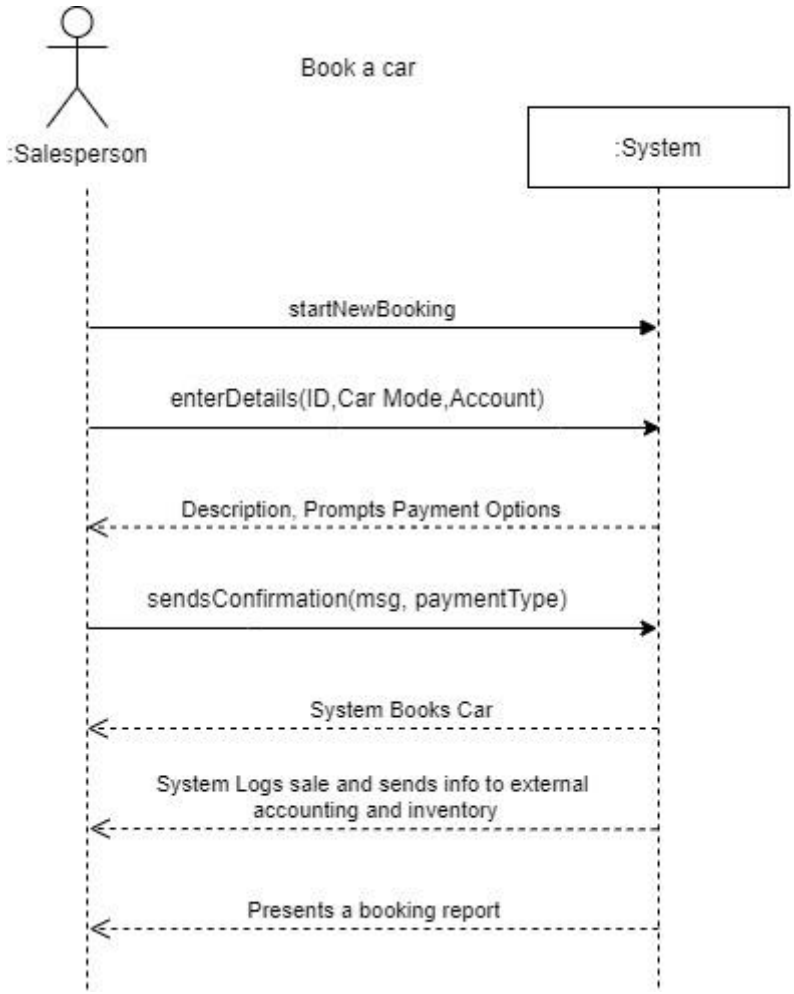
19I-0692
19I-0632
19I-0571

Software Design and Analysis

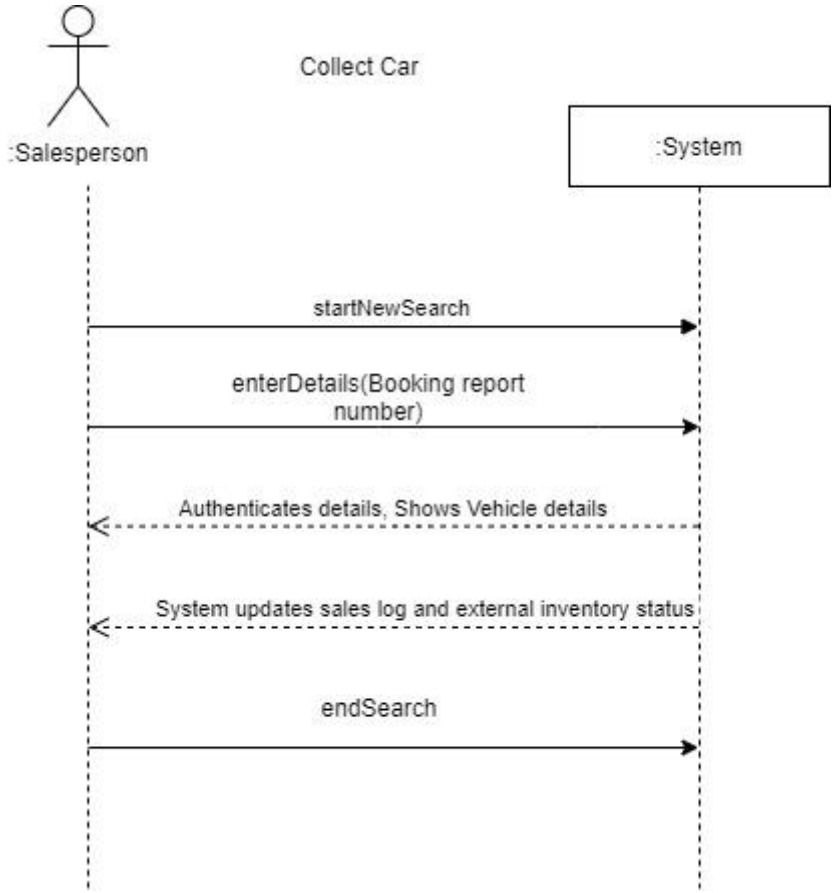
System Sequence Diagram SSD

Project Phase-I

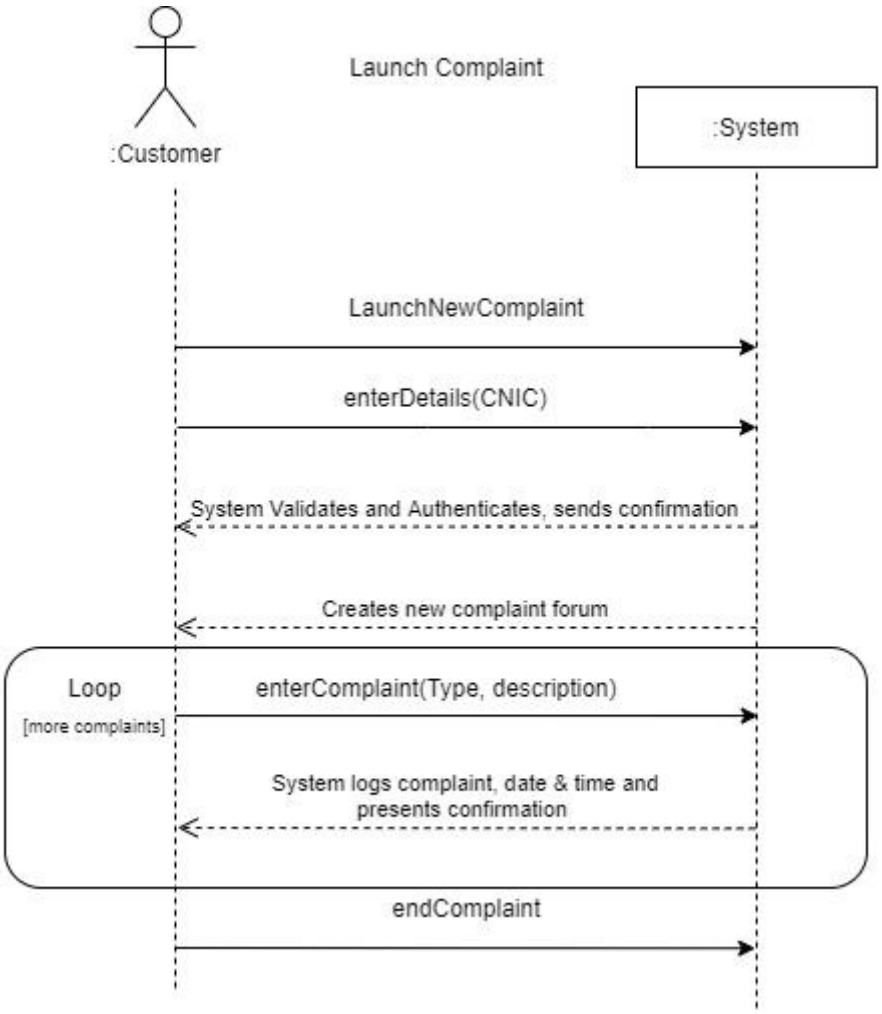
Use Case 1:


Book a car
:Salesperson
:System
startNewBooking
enterDetails(ID,Car Mode,Account)
Description, Prompts Payment Options
sendsConfirmation(msg, paymentType)
System Books Car
System Logs sale and sends info to external accounting and inventory
Presents a booking report

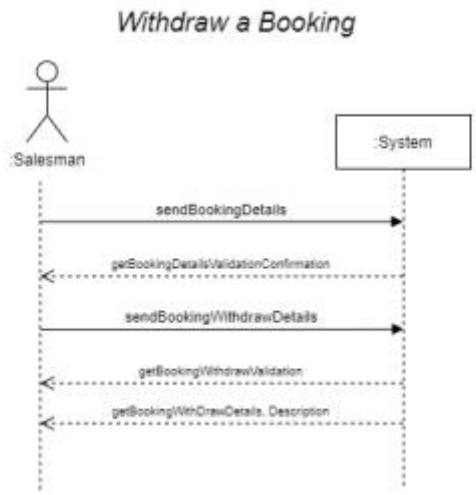
Use Case 2:


Collect Car
:Salesperson
:System
startNewSearch
enterDetails(Booking report number)
Authenticates details, Shows Vehicle details
System updates sales log and external inventory status
endSearch

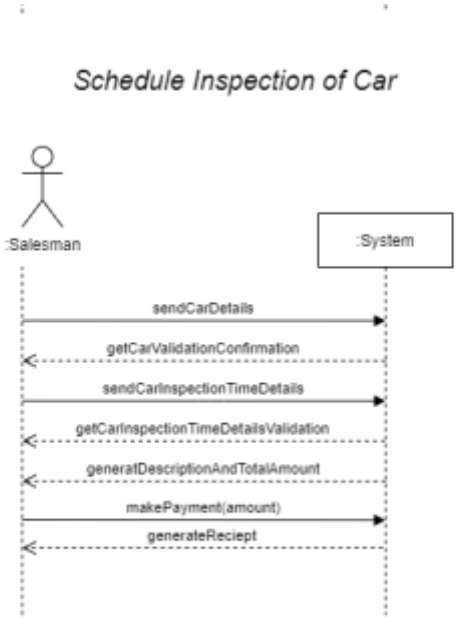
Use Case 3:


Launch Complaint
:Customer
:System
LaunchNewComplaint
enterDetails(CNIC)
System Validates and Authenticates, sends confirmation
Creates new complaint forum
Loop
[more complaints]
enterComplaint(Type, description)
System logs complaint, date & time and
presents confirmation
endComplaint

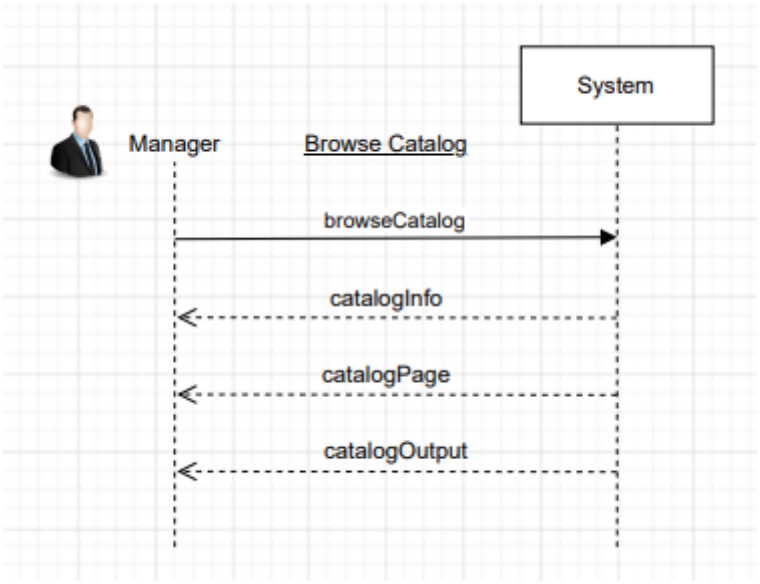
Use Case 5:


Withdraw a Booking
:Salesman
:System
sendBookingDetails
getBookingDetailsValidationConfirmation
sendBookingWithdrawDetails
getBookingWithdrawValidation
getBookingWithDrawDetails, Description

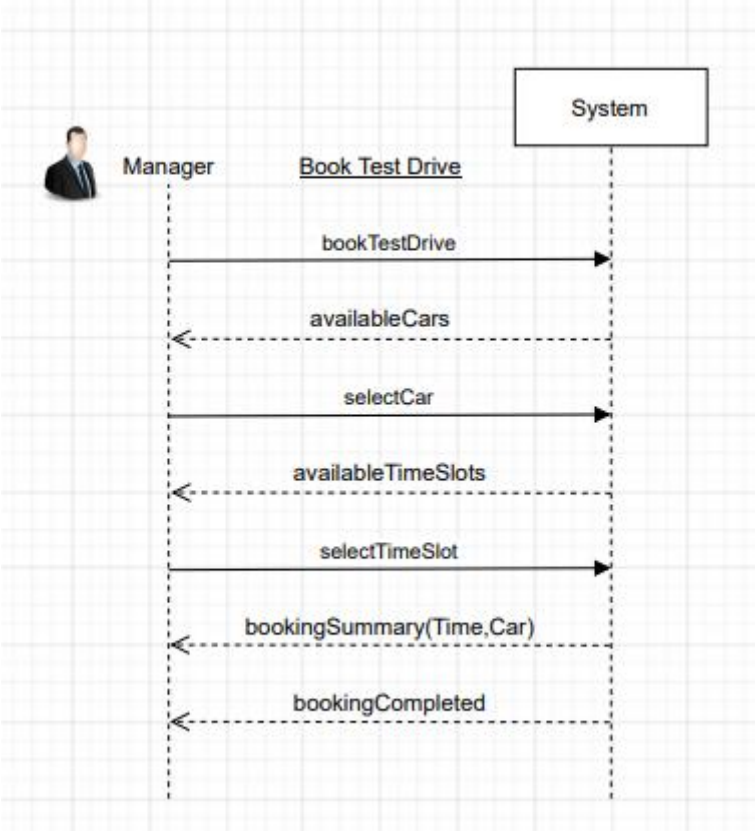
Use Case 6:



Use Case 7:



Use Case 8:


System
Manager
Book Test Drive
bookTestDrive
availableCars
selectCar
availableTimeSlots
selectTimeSlot
bookingSummary(Time,Car)
bookingCompleted