Actors: Customer, manager, admin, database, staff

Goals:

Staff- track which rental belongs to which customer +++

Customers- view cars of different sizes +++

Customers- search the system +++

Customers- view the price of a car +++

Customers- view the type of car +++

Customers- pay for the rental +++

Staff- log in to the system (staff) +++

Staff - log out (staff) +++

Admins- enter new car information +++

Manager- generate weekly reports +++

Use Case UC-1: Car search

Related Requirements: REQ3, REQ4, REQ5

Initiating Actor: Customer

Actor's Goal: To search for a car that matches their search criteria

Participating Actors: Database.

Flow of Events for Main Success Scenario:

→ 1. The customer types in their search criteria and clicks search

→ 2. Include::Car attributes.

→3. Include::Car Price

←4. System returns a list of results to the customer with all cars matching their criteria.

Name: Admin (staff)

Responsibilities:

Tracks which rental belongs to which customer

record customer's details

configure details of the system

enter new car information

keep track of each car's associated attributes

Log in

Log out

Knows:

Log in details

Collaborators:

System

==

Name: Manager (staff)

Responsibilities:

Tracks which rental belongs to which customer

record customer's details

configure details of the system

enter new car information

keep track of each car's associated attributes

Log in

Log out

generate weekly reports

Knows:

Log in details

Collaborators:

System

==

Name: Customer

Responsibilities:

search the system

View cars

View price of car

View type of car

View final net price

Pay for rental

Receive confirmation email

Knows:

Customer name

Customer license number

Customer license issue date

Customer address

Customer phone number

Customer email address

Collaborators:

System

==

Name: System

Responsibilities:

Send confirmation email

Knows:

Customer details

System details

Car details

Rental details

Collaborators:

Admin (staff)

Manager (staff)

Customer

Car

==

Name: Car

Knows:

Car price

Car type

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Name: Transaction

Knows:

Transaction price

Rental start date and time

Rental end date and time

Customer name

Customer license number