

INFO212 - assignment 1

By:

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Class diagram Explanation:

This class diagram represents the domain model for the car rental service, with classes for the branch, registering a car, the customer, sending in an order, agreed appointment, delivery of car, eventual fees, general keeping of history, and the employee which can take requests from certain individuals.

Regarding Customer class, attribute “score”: The score is assigned in the appointment class if he meets or does not meet, and this score is updated in the Fee class and Delivery class if the car has damage upon delivery or/and if the customer gets a fee. This score is kept by the History class (which is the general record of the customer), which some of the other classes have access to. The Employee class can also update the score.

Use case diagram Explanation:

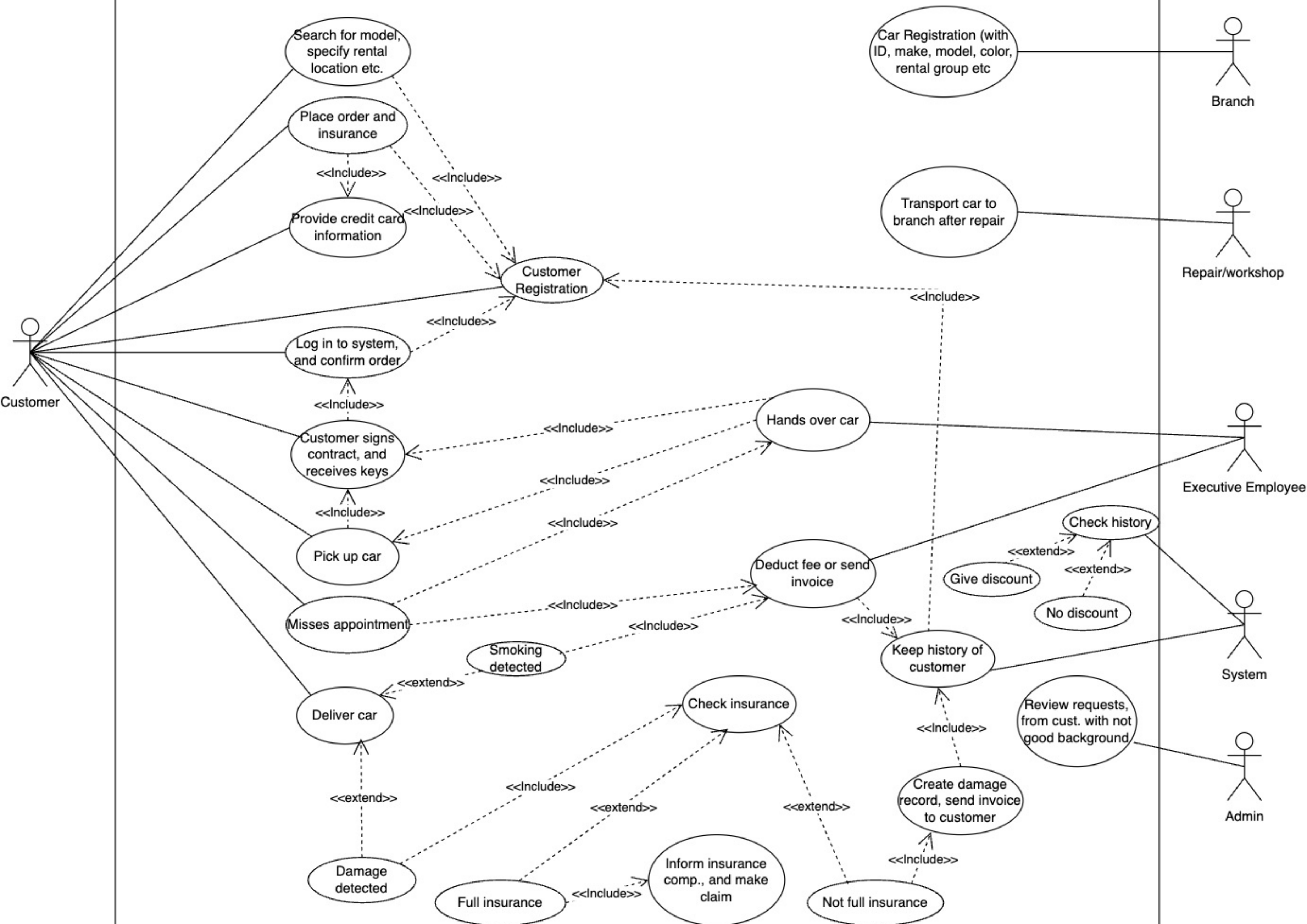
This Use case diagram describes the way the customer interacts with the system for the online car rental service at different points of the time the rental service is being provided. And also how the different employees interact with the system to provide the rental service to the customer. The diagram also describes how the different actions interact with each other within the system.

Activity diagram Explanation:

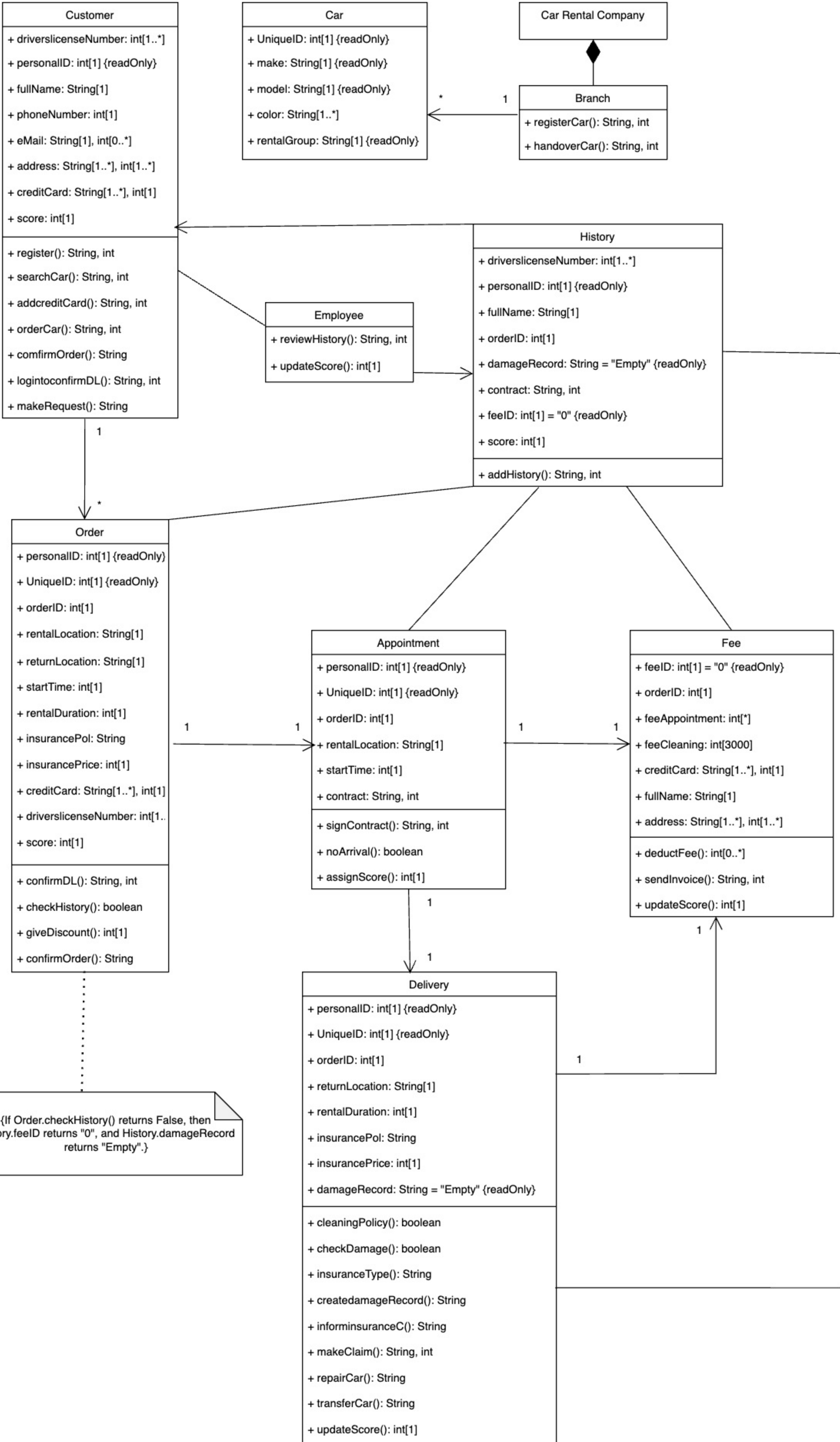
This activity diagram describes the customer's process of renting a car from the online car rental company.

Regarding Request DL (e.g drivers license): In this case we have added pause order and request drivers license and in this case the driver's license is not registered, as this felt natural in this case.

Use Case Model: Online Rental Service (Website + mobile app)



UML Class Diagram: domain model



Activity Diagram: online rental service

