CraZy CarZz

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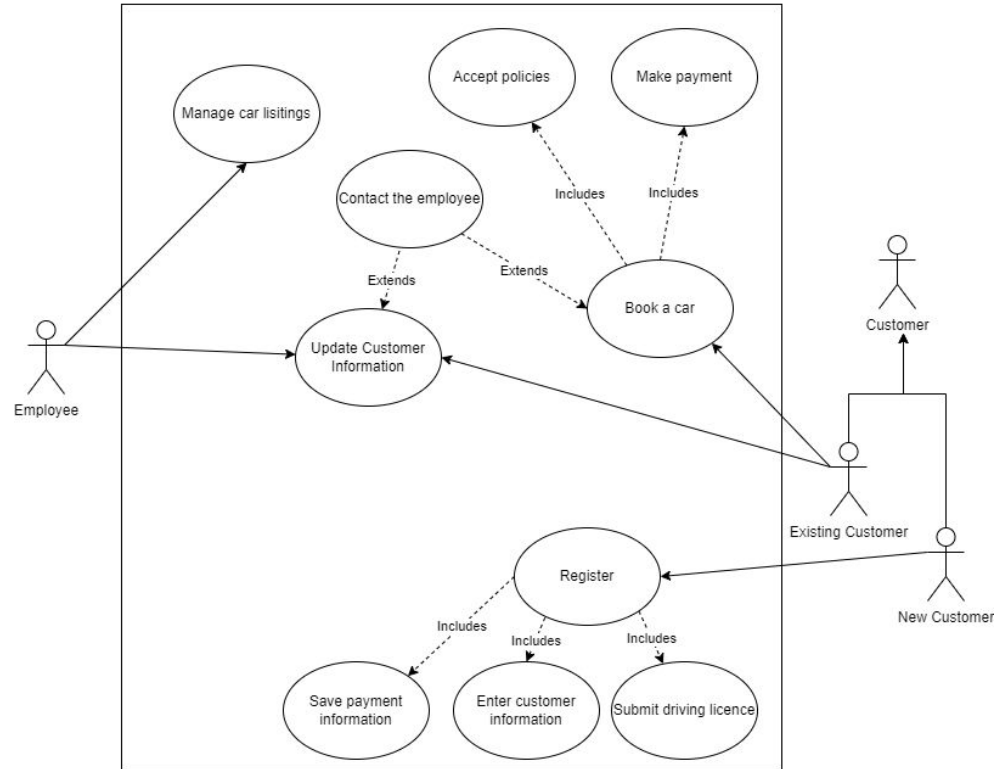
Problem Definition & Objective

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We created a software that allows customers to be able to search and reserve cars for hire.

Our objective is for an owner of a car rental business to have a software with the following functionality:
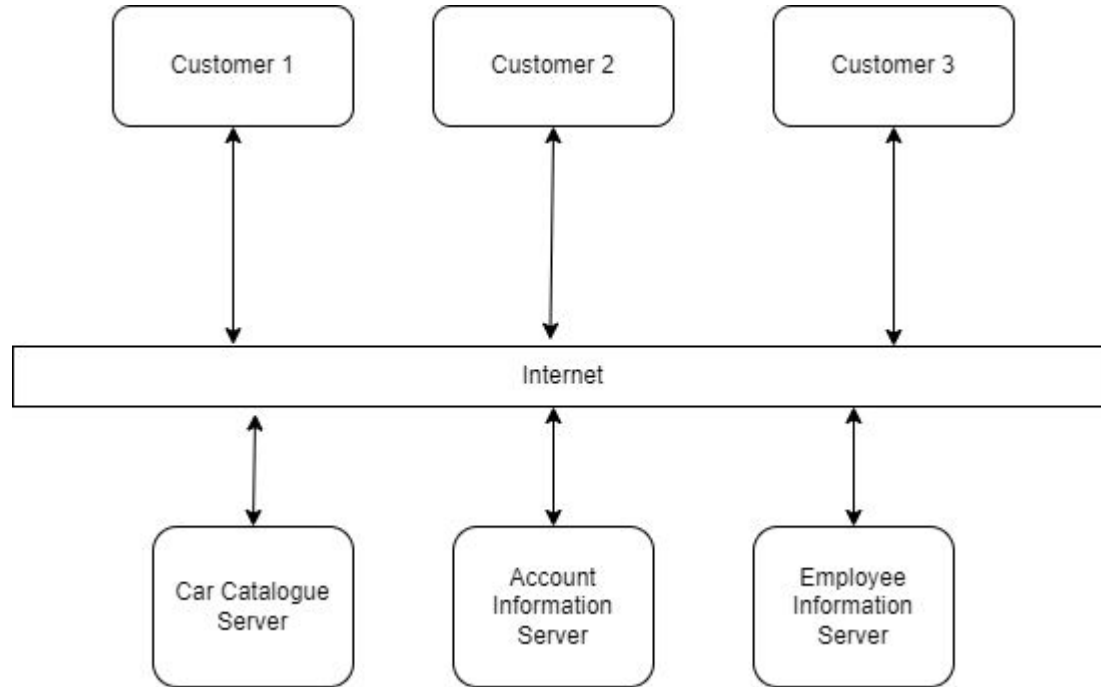
1. Login and registration on system software
2. Online verification of a driver's license
3. Ability to search for car models, rental prices, car type, and location
4. Extend rental time
5. Pick a return location in advanced, keep the car reserved until car is returned
6. Make a payment for car rental online
7. Contact a company employee with regards to any issues (i.e. car accident)

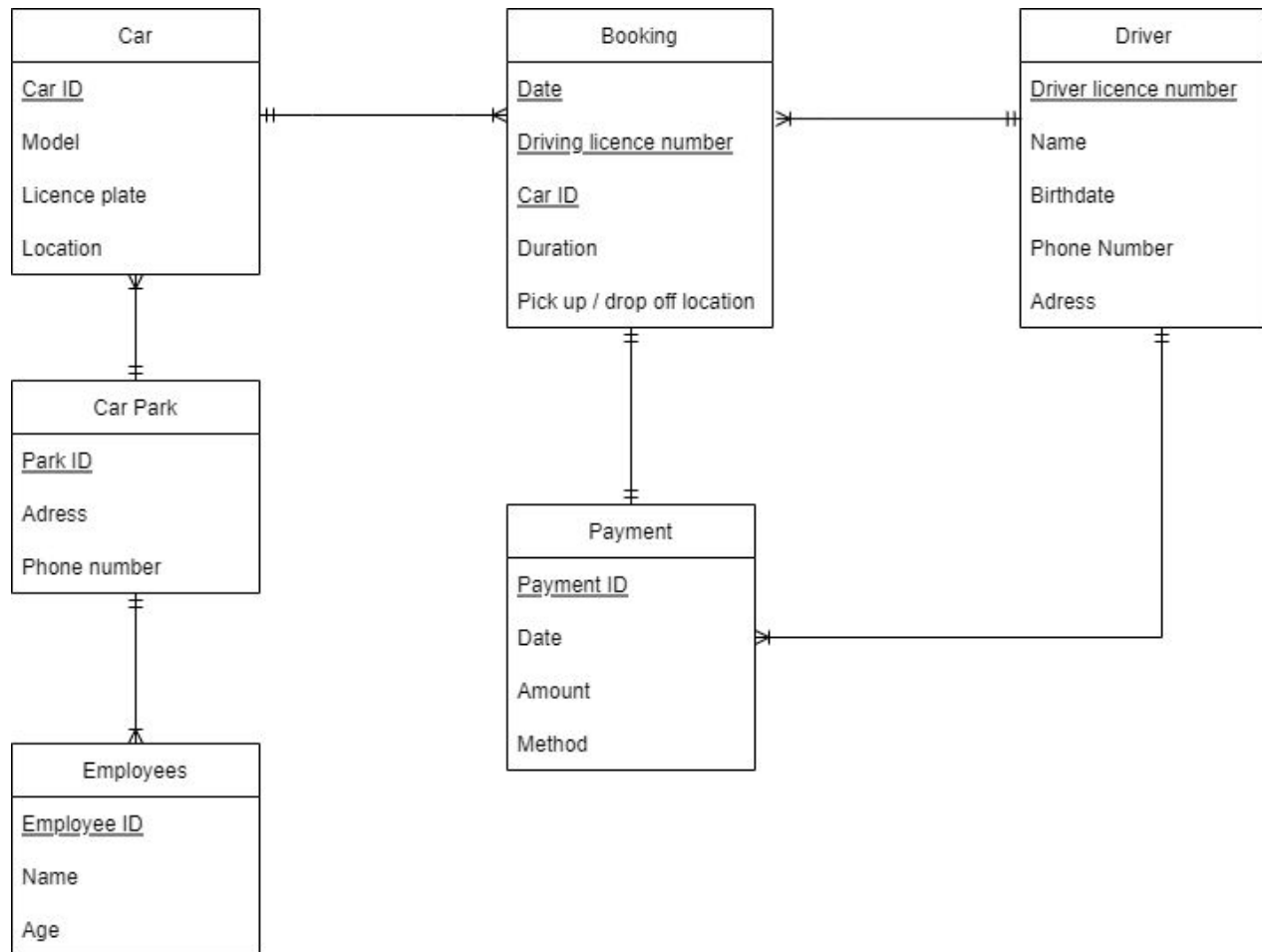# Use case & system capability

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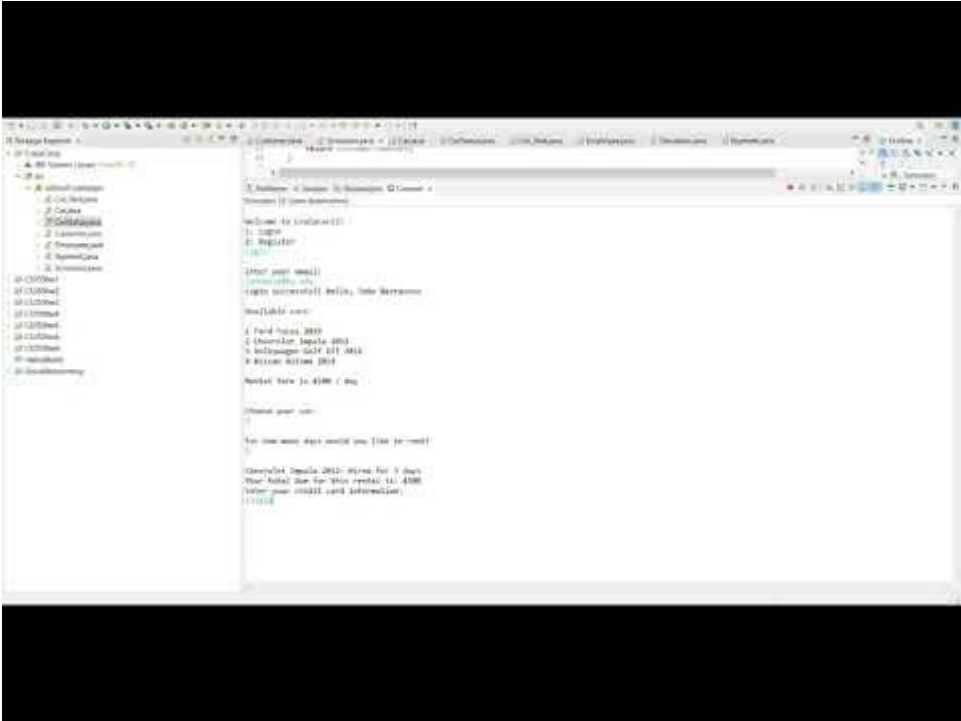

Crazzy Cars Car Rental System

System architecture

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Data model

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Car
- Car ID
- Model
- Licence plate
- Location

Car Park
- Park ID
- Adress
- Phone number

Employees
- Employee ID
- Name
- Age

Booking
- Date
- Driving licence number
- Car ID
- Duration
- Pick up / drop off location

Payment
- Payment ID
- Date
- Amount
- Method

Driver
- Driver licence number
- Name
- Birthdate
- Phone Number
- Adress

CraZy CarZz demo

Conclusion

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- Communication
- Importance of Peer-editing/programming
- Planning out week-to-week
- Prioritizing certain tasks with earlier deadline(s)

Thank you

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Any questions?

Link to GitHub:https://github.com/agjang/CraZyCarZz