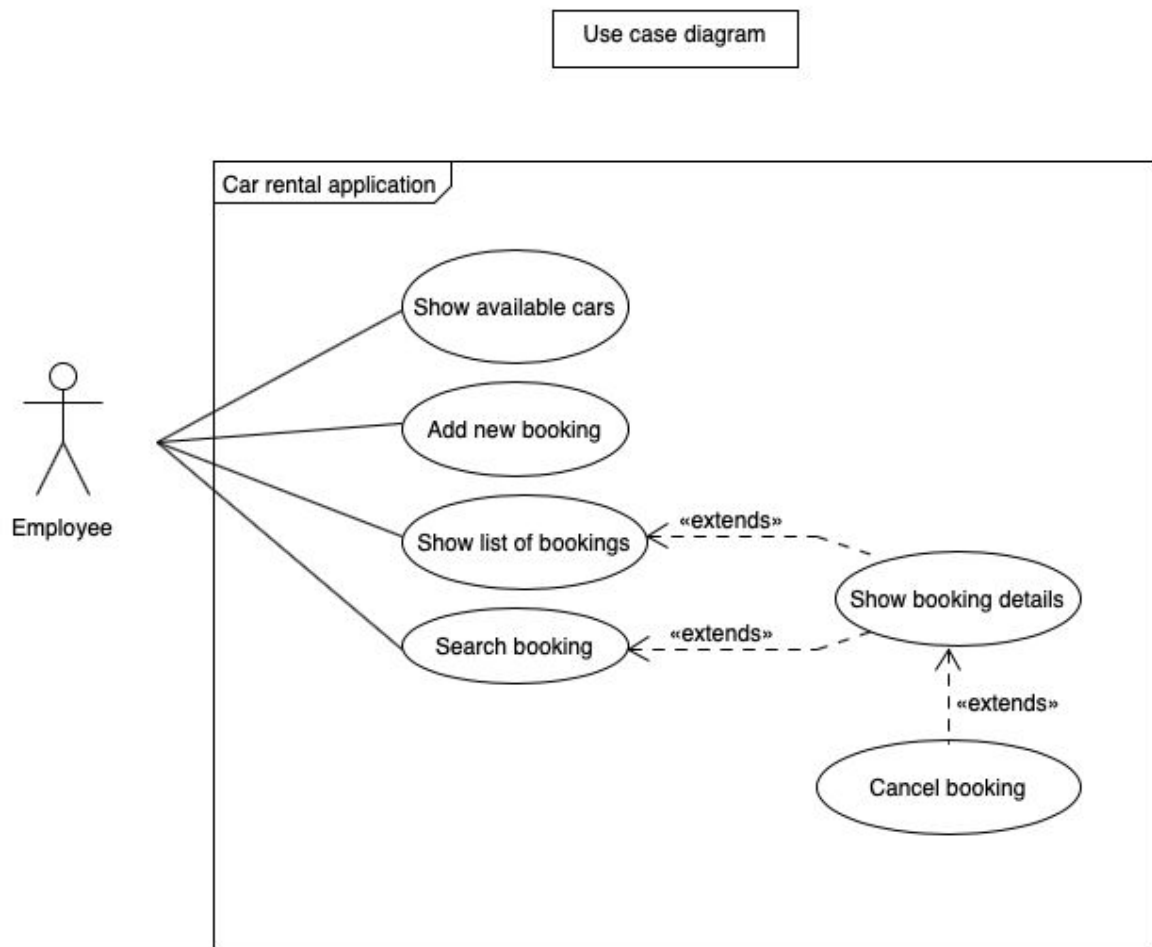# Actor description

Name Employee
Description The actor is an employee at the Faraday car rental company.
Responsibilities
      • The employee must receive appropriate information/data from renter.
      • The employee must provide appropriate feedback to renter, if a rental has gone through or not.
      • The employee must receive information regarding cancellation of booking.
      • The employee must be correctly situated in the system (ex: logged in, correct subsystem etc.) when receiving information from renter.

Use case diagram

Use case diagram

Use case descriptions

Show available cars

Scope

- Faraday car rental booking application.

Level

- Show a list of available cars.

Primary actor

- Employee.

Precondition

- Actor has appropriate access to system.

Main success scenario

1. Actor interacts with system (clicks a button).
2. System displays interface(input) for entering data.
3. Actor defines car type.
4. Actor defines pickup city.
5. Actor defines pickup location.
6. Actor defines rental start date.
7. Actor defines rental end date.
8. Actor sends query to system (button click).
9. System responds with a list of available cars.
10. A list of available cars is displayed to the actor.

Success guarantees

- A list of available cars for rental is displayed to the actor.

Extensions

3.a - Actor defines non-existing cartype (not relevant with dropdown)
    - system replies with appropriate error message.
4.a - Actor defines pickup city where no station is present (again not relevant with dropdown)
    - system replies with appropriate error message.
5.a - Actor defines pickup location different from chosen pickup city (again not relevant with dropdown)
    - system replies with appropriate error message.

6.a - Actor defines invalid rental start date (anytime before NOW)
   - system replies with appropriate error message.
7.a - Actor defines rental end date before scheduled rental start date
   - system replies with appropriate error message.
7.b - Actor defines rental end date before NOW
   - system replies with appropriate error message.
9.a - System has connection to server/service (timeout)
   - system replies with appropriate error message.

Special requirements

- None

Frequency of occurrence

- Used in every booking (High).

Add new booking

Scope

- Faraday car rental booking application.

Level

- The actor should be able to add a new booking to the system without errors/complications.

Primary actor

- Employee.

Precondition

- Employee has accessed the car rental application.

Main success scenario

- Employee is presented with an option to add a new booking.
- Employee selects the add new booking option.
- Employee chooses relevant booking details (information required from the "Show available cars" use case).
- Employee gets a list of available cars.
- Employee selects location for pickup and delivery.
- Employee selects time and date for pickup.
- Employee selects time and date for delivery.
- Employee accepts a new booking proposal.
- The system is updated with the new booking.

Success guarantees

- Employee has created a new booking.

Extensions

- Request denied - the booking timespan is longer than 3 weeks
    - Employee is notified and directed back to select booking.
- The requested car is not available
    - Employee is notified and is urged to choose other booking details.
- The delivery station and pickup station are different
    - Extra fee is charged – the employee is notified.

Special requirements

- None

Frequency of occurrence

- Used many times a day (High).

Show list of bookings

Scope

- Faraday car rental booking application.

Level

- The actor should be able to view a list of all current bookings.

Primary actor

- Employee.

Precondition

- None

Main success scenario

- The employee accesses the booking list page.
- The list is populated with results from the database.
- The employee can visualize all the bookings on the list.

Success guarantees

- The employee can view the details of the most current bookings.

Extensions

- None

Special requirements

- None

Frequency of occurrence

- Several times a day (High).

Search booking

Scope

- Faraday car rental booking application.

Level

- The actor should be able to find booking(s) by a driver's license number.

Primary actor

- Employee.

Precondition

- There is at least one booking.

Main success scenario

- The actor types in a driver's license number
    - The license number is wrong / Booking does not exist.
        - Actor is presented with an error.
- The actor correctly types in a license number for the booking
    - The booking is shown with all relevant information.
- The actor types in nothing
    - Actor is shown an error to type in a license number.
- Actor types in search query but times out
    - Actor is shown an error message.

Success guarantees

- The employee can view the details of a booking(s).

Extensions

- Part of Main success scenario.

Special requirements

- None

Frequency of occurrence

- Several times a day (High).

Show booking details

Scope

- Faraday car rental booking application.

Level

- Display booking details to actor.

Primary actor

- Employee.

Precondition

- "Search booking" use case has valid bookings to display to the actor.

Main success scenario

- Actor searches for a booking by a driver's license number.
- A list of bookings (could be a single one) is retrieved.
- Actor can choose the relevant booking from list of bookings.
- Actor can view the booking details for the chosen booking.

Success guarantees

- The actor has the requested info for the booking.

Extensions

- The booking can be canceled.

Special requirements

- None

Frequency of occurrence

- Frequently, as it is used to view or cancel an existing valid bookings (High).

Cancel booking

Scope

- Faraday car rental booking application.

Level

- The actor should be able to cancel a booking from a booking's details page or a list with all the current bookings.

Primary actor

- Employee.

Precondition

- A booking must exist in the system.

Main success scenario

- The employee finds the booking from search results.
- The employee accesses the booking details.
- The employee cancels the booking.

Success guarantees

- The employee confirms the booking is cancelled.

Extensions

- None

Special requirements

- None

Frequency of occurrence

- Several times a week (Low/Medium).