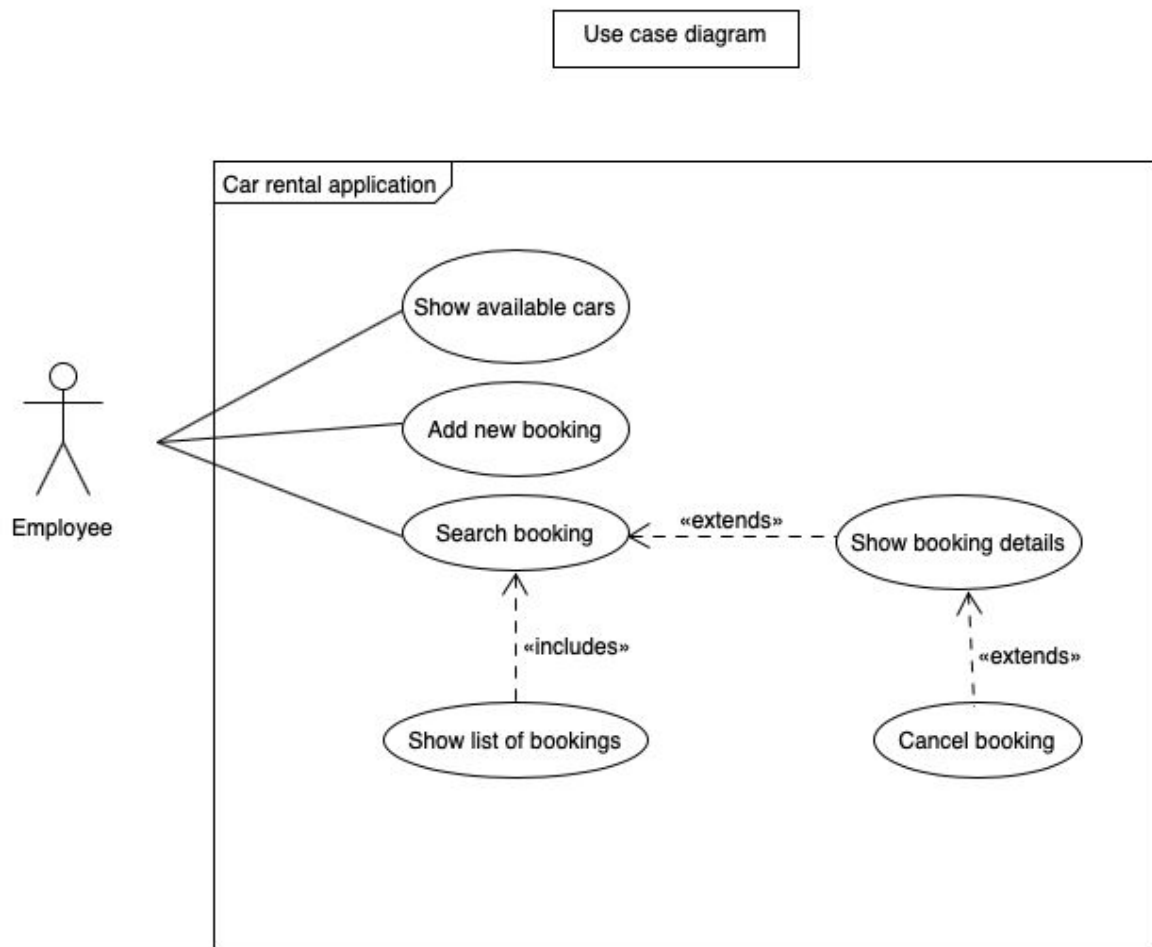# Actor description

Name Employee
Description The actor is an employee at the Faraday car rental company.
Responsibilities
    • The employee must verify the appropriate information/data received from a 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 a renter.

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 relevant search criteria (***** See section below).
4. Actor sends query to system (button click).
5. System responds with a list of available cars.

* Relevant search criteria:
- Cartype, pickup city/location, start date, end date

Extension/Alternative flow

3.a - Actor defines a non-existing cartype.
3.b - Actor defines pickup city where no station is available.
3.c - Actor defines pickup location different from chosen pickup city.
3.d - Actor defines invalid rental start date (anytime before NOW).
3.e - Actor defines rental end date before scheduled rental start date.
3.f - Actor defines rental end date before NOW.
5.a - System doesn't have connection to server/service (timeout).

Success guarantees

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

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.

Primary actor

- Employee.

Precondition

- Employee has accessed the car rental application.
- There is an available car.

Main success scenario

1. Employee views available cars.
2. Employee selects an available car.
3. Employee selects location for pickup and delivery.
4. Employee selects time and date for pickup and delivery.
5. Employee provides driver name, age and driver's license number.
6. Employee confirms the booking.
7. The system is updated with the new booking.

Success guarantees

Main:
- A new booking has been created in the system.
- Employee receives a booking reference.

4.a:
- Extra fee is charged – the employee is notified.

6.a:
- Employee is notified and directed back to select other booking detals.

Extensions

4.a - The delivery station and pickup station are different
6.a - Request denied - the booking timespan is longer than 3 weeks

Special requirements

- None

Frequency of occurrence

- Used many 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

None

Main success scenario

1. The actor types in a driver's license number.
2. The system returns a list of associated bookings.

Success guarantees

Main:
- The system returns a list of found bookings by the specified driver's license number.
- The employee can view the returned results in a list.

1.a / 1.b / 2.a:
- System replies with appropriate error message.

Extensions

1.a - The driver's license number is wrong
1.b - No driver's license number is provided

2.a - Booking(s) do(es) not exist

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 chooses the relevant booking from a list of bookings.
- System returns details for the chosen booking.

Success guarantees

- The employee can see the details of the chosen booking.

Extensions

- None.

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.

Primary actor

- Employee.

Precondition

- A booking must exist in the system.
- A search operation has been successful.

Main success scenario

- The employee finds the booking from the search results.
- The employee accesses the booking details page.
- The employee uses a button to cancel the booking.
- System returns confirmation about the successful cancelation of the booking.

Success guarantees

- The employee gets confirmation that the booking has been cancelled.
- The system marks the booking as cancelled.

Extensions

- None

Special requirements

- None

Frequency of occurrence

- Several times a week (Low/Medium).