**Rent Scooter**

ID: UC4

Description:

This UC consists on the rental of a scooter by a client.

Actors

Main: Client

Secondary: Time

Pre-conditions:

The app is up to the date and functional on the users device

There is internet connection on the device the user is using to do the request;

The servers are up and running;

Main flow

1-The client opens the app

2-The client checks the map for available nearby scooters.

3-The client scans the scooter’s code.

4-The system checks if the client’s payment method is valid.

5-The system unlocks the scooter.

6-The client can ride the scooter freely.

7-The client finishes the trip.

8-Include: Park bike/scooter

9-The system calculates the amount to be payed (according to time spent) and debits that amount on the users account.

Alternative flow:

The data related with the user for payment isn’t valid for payment. Scooter´s code isn’t scannable. Scooter doesn’t have charge.

Post Conditions

The system holds record of the trip data which can be consulted in the clients history.

**Alternative Flow: The data related with the user for payment isn’t valid for payment.**

ID: 4.1

Description:

The system informs the client that the data he has submitted for payment isn’t valid

Actors:

Main: Client

Secondary: None

Pre-conditions:

The user inserted invalid payment data.

Alternative Flow:

1-The alternative flow begins after step 4 of main flow

2-The app sends an error message and the scooter isn’t unlocked

Post-conditions: None

**Alternative Flow: Scooter´s code isn’t scannable**

ID: 4.2

Description:

The scooter´s code isn’t recognized by the system and the system cant associate a scooter to it. That said the scooter can’t be unlocked.

Actors:

Main: Client

Secondary: None

Pre-conditions:

The scooter code isn’t scannable.

Alternative Flow:

1-The alternative flow begins after step 3 of main flow

2-The app sends an error message and the scooter isn’t unlocked

Post-conditions: None

**Alternative Flow: Scooter doesn’t have charge**

ID: 4.3

Description:

The system informs the user that the scooter doesn’t have charge so it isn’t available for rent

Actors:

Main: Client

Secondary: None

Pre-conditions:

The scooter doesn’t have charge.

Alternative Flow:

1-The alternative flow begins after step 3 of main flow

2-The app sends an error message and the scooter isn’t unlocked

Post-conditions: None