Use Case "Return a bike"

1. Use case code

UC0010

2. Brief Description

This use case describes the interactions between User and EBR software when User wishes to return a bike.

3. Actors
   3.1. User
4. Preconditions
   4.1 User rented a bike
5. Basic Flow of Events

Step 1. User requests to return a bike

Step 2. EBR software requests user to choose a dock to return bike

Step 3. EBR software Summarizes session information, calculates rental fee, calculates excess money and notifies to User

Step 4. User confirms information

Step 5. EBR software closes the user's renting session

Step 6. EBR software calls Use case "Refund deposit after deducting rental fee"

Step 7. EBR software returns home screen

6. Alternative flows

Table 1 - Alternative flow of events for UC "Name of the Use Case"

No	Location	Condition	Action	Resume location
1	At step 6	Transaction fail	Notifies transaction fail	End use case

7. Input data

8. Output data

Table 3 - Output data of …

No	Data fields	Description	Display format	Example
1	End time	Ending time of the User's renting session	hh : mm DD/MM/YY	12:20 10/10/2020
2	Usage time		. A number of minutes usage	120
3	Total fees		. Comma for thousands separator . Positive integer . Right alignment	123,000
4	Returned	deposit after deducting rental fee	. Comma for thousands separator . Positive integer . Right alignment	100,000

9. Postconditions