

Use Case “Rent A Bike”

1. Use case code

UC008

2. Brief Description

This use case describes the interactions between user and EBR software when user wishes to rent a bike

3. Actors

3.1. User

4. Preconditions

5. Basic Flow of Events

Step 1. The user requests to rent a bike

Step 2. EBR software calls use case “Setup payment method”

Step 3. EBR software calls use case “Pay deposit”

Step 4. The EBR Software creates new renting session

Step 5. The EBR Software displays renting session screen

6. Alternative flows

Table 1 - Alternative flow of events for UC “Rent A Bike”

No	Location	Condition	Action	Resume location
1	At Step 3	Problem with credit card	Let user choose a different card	Step 2

7. Input data

8. Output data

Table 2 - Output data of bike renting

No	Data fields	Description	Display format	Example
1	Session Id		String	Code123123
1	Start time		hh:mm DD/MM/YYYY	16:30 29/09/2020
2	Deposit	Money deposited for the bike	<ul style="list-style-type: none">• Comma for thousands separator• Positive integer• Right alignment	123,000

9. Postconditions