**Use Case “Rent A Bike”**

1. **Use case code**

UC0004

1. **Brief Description**

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

1. **Actors**
   1. User
2. **Preconditions**
3. **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

1. **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 |

1. **Input data**
2. **Output data**

*Table 2 - Output data of bike renting*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Data fields | Description | Display format | Example |
| 1 | Session Id |  | String | Session123 |
| 1 | Start time |  | hh:mm DD/MM/YYYY | 15:00  10/08/2023 |
| 2 | Deposit | Money deposited for the bike | • Comma for thousands separator  • Positive integer  • Right alignment | 123,000 |

1. **Postconditions**