

Use Case “View Bike’s Detailed Information”

1. Use case code

UC006

2. Brief Description

This use case describes the interactions between user and EBR software when user wishes to view the detailed information of chosen bike.

3. Actors

3.1. User

3.2. EBR Software

4. Preconditions

User must log in

5. Basic Flow of Events

Step 1. The user select a bike from the list of bikes

Step 2. The software check the information of the selected bike

Step 3. The software return the information of the bike

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 2	The selected bike is an e-bike	The software return the percentage of the electric motor’s battery and calculate the time left	Resume at Step 3

7. Input data

8. Output data

Table 2 - Output data of view bike’s detailed information

No	Data fields	Description	Display format	Example
1.	Name	Name of the selected bike		E-bike 01
2.	Type	Type of this bicycle		E-bike
3.	Saddle	Number of saddle of this bike	<ul style="list-style-type: none">Positive integerRight alignment	1
4.	Pedals	Number of pair of pedals	<ul style="list-style-type: none">Positive integerRight alignment	1
6.	Rear seat	Number of rear seat	<ul style="list-style-type: none">Positive integerRight alignment	1
7.	Battery	The electric motor’s battery percentage	<ul style="list-style-type: none">Positive number with percentage symbolRight alignment	60%
8.	Time left	How much time is left	In minute	180 minutes

9. Postconditions

