Use Case Rent Bike

1. **Use case code**
- UC00X
2. **Brief description:**
- This use case describes the interaction between customer and EcoBike application when customer wants to rent a bike from the system
3. **Actor:**
- Customer
4. **Preconditions:**
5. **Customer**
- Successfully logged in to the system
6. **Basic Flow of Event:**
    1. Customer scans the barcode on the lock using EcoBike app
    2. EcoBike app shows bike information, including:
    3. The customer chooses to deposit
    4. EcoBike app calls "DEPOSIT" use case
    5. The lock is automatically opened, allowing customer to use the bike
    6. EcoBike app starts counting the rental time
7. **Alternative flows:**

No	Location	Conditions	Actions	Resume location
1	Any time before step 3	Customer quits the renting process	EcoBike asks for confirmation	
1a		Customer accepts to quit	EcoBike displays main page	
1b		Customer refuses to quit	EcoBike shows current page	At step where the event happens

Table 1. Alternative flow of Rent A Bike use case

8. **Input data**
9. **Output data**

No	Data fields	Description	Display format	Example
1.	Name		• Right alignment	PHAM THANH BIEN
2.	Bike type		• Right alignment	Electric bike
3.	License plate		• XX-XX111.11 • Right alignment	39-D1547.59
4.	Bike image			
5.	Bike status		• Right alignment	free
6.	Current battery percentage	Current battery of the bike	• Positive integer • Follow by % • Right alignment	50%

Table 1. Output data of displaying bike information

10. Post conditions
- Customer successfully rent a bike