

Ecopark Bike Rental

- Use case diagram:



- Use case outline:

1) Use case "View dock information":

Basic flow:

1. Software displays a list of docks
2. Customer selects a dock
3. Software displays the selected dock information and the list of bikes with details.
4. After obtaining the information, the customer presses Back button to go back to the list of docks.

Alternative flow:

The customer search for dock:

After basic flow step 1:

- The customer enters the name or the address of the dock she/he wants into the search bar.
- Software searches and displays a list of docks matched.
- The customer selects the dock she/he wants.

Return to basic flow step 3.

2) Use case "Rent a bike"

Basic flow:

1. System displays rent information.
2. Customer select payment methods.
3. After confirming the transaction, the system will automatically deduct money and save transactions.

3) Use case "return bike"

Basic flow:

- 1 the user firmly pushes the bike into an empty docking point of a dock
- 2 closes the lock.
- 3 the system will automatically return the deposit
- 4 the system will automatically deduct the amount of money corresponding to the rental period.
- 5 the system saves the rental transaction.