5. Test Case Details

5.1. Test Case Specification for "BikeConstructor"

Test Case ID	TC001	**Test Case Description**	Test creation of a set of bike information into an er
Created By	chauntm	**Reviewed By**	**Version**

QA Tester's Log

Tester's Name	chauntm	**Date Tested**	**Test Case**

#	Prerequisites:

#	Test Data	Value
1	Bike name	ABC, A BC, A?BC, null
2	Bike type	normal, nor-mal, nor?mal null
3	Barcode	laksjfhbg/alkjfhg, null,
4	Bike rental price	10, 0, -1
5	deposit	10, 0, -1
6	currency	VND
7	create date	12/03/2021, 12/6a/2021

Test Scenario   Initialization

Step #	Step Details	Expected Results	Actual Results	Pass / Fa
1	Read information from a predefined sheet/set of data	Creation successfully or throws corresponding error	As Expected	Pass

Test Case ID	TC002	**Test Case Description**	Test finding information about a specific bike
Created By	chauntm	**Reviewed By**	**Version**

QA Tester's Log

Tester's Name	chauntm		Date Tested				Test Case

#	Prerequisites:
1	Have a predefined list of bike, including 2 bike with barcode ABC-123 and ABC-124
2	The controller has been initialized

#	Test Data	Value
1	Bike barcode	ABC-123, ABC-124

Test Scenario

Step #	Step Details	Expected Results	Actual Results	Pass / Fa
1	Enter a barcode	Return barcode	As Expected	Pass

5.2. Test Case Specification for "CardConstructor"

Test Case ID	TC005	Test Case Description	Test information of credit card	
Created By	duong	Reviewed By		Version

QA Tester's Log

Tester's Name	duong		Date Tested	Tháng Mười Hai 4, 2000	Test Case

#	Prerequisites:
1	

#	Test Data	Value
1	card number	0123456789, 0123, 01ab45, 012345678m, null
2	card holder name	Duong, John R. Ewing, Duo?ng, null
3	issue bank	VCB, ACB, VietinBank, 0123, null

| 4 | expiration date | 09/25, 09-25, a9/25, a9--25, null |
| 5 | card security code | 123, 1234, a123, a12, 12345, a12345, null |

| Test Scenario | Verify on entering valid userid and password, the customer can login |

Step #	Step Details	Expected Results	Actual Results	Pass / Fa
1	Read information from payment	Confirm payment method	As Expected	Pass

5.3. Test Case Specification for "CalculateFee"

Test Case ID	TC003	Test Case Description	Test calculate fee method		
Created By	longnt	Reviewed By		Version	

QA Tester's Log

Tester's Name	longnt	Date Tested		Test Case

#	Prerequisites:
1	A set of bikes which are being rent

#	Test Data	Value
1	deposit	100000, 150000
2	renting time	0, 10, 11, 60
3	bike type	STANDARDBIKE, STANDARDEBIKE, TWINBIKE

Step #	Step Details	Expected Results	Actual Results	Pass / Fa
1	Call calculateFee method on a set	Float: renting fee	As Expected	Pass

5.4. Test Case Specification for "CheckHaveToPay"

Test Case ID	TC004	Test Case Description	Test check have to pay method	
Created By	longnt	Reviewed By		Version

QA Tester's Log

Tester's Name	longnt	Date Tested		Test Case

#	Prerequisites:
1	A set of bikes which are being rent

#	Test Data	Value
1	renting time	0, 10, 11, 60

| Test Scenario | | Verify on call checkHaveToPayOrNot method, the result is whether the user has to pay the fee | | | |

Step #	Step Details	Expected Results	Actual Results	Pass / Fa
1	Call checkHaveToPayOrNot	Boolean: have to pay or	As Expected	Pass

ntity

1.0

Pass

1.0

Pass

**ail / Not executed /
Suspended**

1.0

Pass

ail / Not executed / Suspended

1.0

Pass

ail / Not executed / Suspended

1.0

Pass

ail / Not executed / Suspended