

Test Case Details

1. Test Case Specifications for "validateCardNumberTest"

1.1 Test Case 1

Test Case ID	TC001	Test Case Description	Test the method validateCardNumber in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	cardNumber	121319_group5_2020

Test Scenario	correct format: only letters, digits and underscores
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Move to payment confirmation screen	As Expected	Pass

1.2 Test Case 2

Test Case ID	TC002	Test Case Description	Test the method validateCardNumber in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	cardNumber	null

Test Scenario	cardNumber field left blank
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

1.3 Test Case 3

Test Case ID	TC003	Test Case Description	Test the method validateCardNumber in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
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1	cardNumber	113546 Hello
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Test Scenario	not blank but wrong format
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

2. Test Case Specifications for "validateCardOwnerTest"

2.1 Test Case 1

Test Case ID	TC004	Test Case Description	Test the method validateCardOwner in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	cardOwner	Group 5

Test Scenario	correct format: only letters, digits and spaces
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Move to payment confirmation screen	As Expected	Pass

2.2 Test Case 2

Test Case ID	TC005	Test Case Description	Test the method validateCardOwner in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	cardOwner	null

Test Scenario	cardOwner field is blank
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

2.3 Test Case 3

Test Case ID	TC006	Test Case Description	Test the method validateCardOwner in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	cardOwner	Group-5

Test Scenario	cardOwner field with incorrect format
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

3. Test Case Specifications for "validateSecurityCodeTest"

3.1 Test Case 1

Test Case ID	TC007	Test Case Description	Test the method validateSecurityCode in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	721

Test Scenario	Only digits and length of 3
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Move to payment confirmation screen	As Expected	Pass

3.2 Test Case 2

Test Case ID	TC008	Test Case Description	Test the method validateSecurityCode in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	2251

Test Scenario	Only digits, incorrect length
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass

2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

3.3 Test Case 3

Test Case ID	TC009	Test Case Description	Test the method validateSecurityCode in the PaymentScreenController	
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version 1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	A15

Test Scenario	contains non digits characters
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

4. Test Case Specifications for "validateExpDateTest"

4.1 Test Case 1

Test Case ID	TC010	Test Case Description	Test the method validateExpDate in the PaymentScreenController	
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version 1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	1125

Test Scenario	Only digits and length of 4 and is MMyy format
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Move to payment confirmation screen	As Expected	Pass

4.2 Test Case 2

Test Case ID	TC011	Test Case Description	Test the method validateExpDate in the PaymentScreenController	
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version 1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	2511

Test Scenario	incorrect format, here MM > 12, invalid month
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

4.3 Test Case 3

Test Case ID	TC012	Test Case Description	Test the method validateExpDate in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	1119

Test Scenario	correct format, but year (19) already expired
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass

4.4 Test Case 4

Test Case ID	TC013	Test Case Description	Test the method validateExpDate in the PaymentScreenController		
Created By	Nguyen Thai An	Reviewed By	Nguyen Thai An	Version	1

QA Tester's Log	Review method validateCreditCardForm
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Tester's Name	Nguyen Thai An	Date Tested	27/11/2020	Test Case	Pass
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#	Prerequisites:
1	Desktop environment with JRE 14 with JUnit 5.4

#	Test Data	Value
1	securityCode	11/25

Test Scenario	incorrect format MMyy
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Go to payment screen	Credit card info form is displayed	As Expected	Pass
2	Fill information in the form	Can input info and display correctly	As Expected	Pass
3	Click submit button	Error is notified	As Expected	Pass