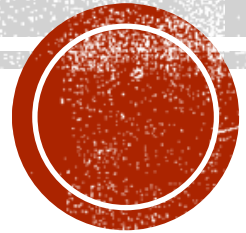
Sekolah QA

SMALL PROJECT 1

AUTOMATION TEST USING KATALON STUDIO
WWW.DEMO.MIDTRANS.COM



PREPARED BY : MUHAMMAD AZIS

TOOLS

1. KATALON STUDIO

Automation Testing menggunakan Katalon Studion

2. MICROSOFT EXCEL

Test Case Management yang dipakai menggunakan Microsoft Excel

3. TRELLO

Project Management yang dipakai menggunakan Trello

TEST CASE DEVELOPMENT

Total Test Case : 53
Total Positive Case : 39
Total Negative Case : 14

TESTID	Test Case	Type	Expected
TC_001	Verify "BUY NOW" button is clickable	Positive	Buy Now button should be clickable
TC_002	Verify value input midtrans pillow price and total, both is same	Positive	The value input price of midtrans pillow and total should be the same
TC_003	Verify "Checkout" button is clickable	Positive	The checkout button should be clickable
TC_004	When user input customer details with positive case data then clicking checkout, verify user move to order summary frame	Positive	Order Summary should be displayed
TC_005	When user on Order Summary frame, Verify value of amount on order summary equal with input price of midtrans pillow on shopping cart	Positive	The value of amount order summary should be equal with input price of midtrans pillow on shopping cart
TC_006	When user on Order Summary frame, Verify amount on order summary equal with amount on order details	Positive	The value of amount on order summary should be equal with amount on order details
TC_007	When user on Order Summary frame, Verify name on shipping details equal with name input on customer details	Positive	The name on shipping details should be equal with name input on customer details
TC_008	When user on Order Summary frame, Verify phone number on shipping details equal with phone number input on customer details	Positive	The phone number on shipping details should be equal with phone number input on customer details
TC_009	When user on Order Summary frame, Verify email on shipping details equal with email input on customer details	Positive	The email on shipping details should be equal with email input on customer details
TC_010	When user on Order Summary frame, Verify address on shipping details equal with address,city and postal code input on customer details	Positive	The address on shipping details should be equal with address input on customer details
TC_011	When user on Order Summary frame, Verify "Continue" button is clickable	Positive	The continue button should be clickable
TC_012	When user on Order Summary frame, then clicked Continue button , verify user move to Select payment frame	Positive	The select payment frame should be displayed
TC_013	When user on Select Payment frame, Verify "Credit/Debit Card" button is clickable	Positive	The Credit/Debit Card button should be clickable
TC_014	When user on Select Payment frame, then select Credit/Debit Card , verify user move to Credit/Debit card frame	Positive	The Credit/Debit Card frame should be displayed
TC_015	When user on Credit/Debit card frame then selects the "10 Rupiah discount" promo, Verify the value of amount is reduced by 10 from input of price midtrans pillow	Positive	The value of amount should be reduced by 10 from input of price midtrans pillow
TC_016	When user on Credit/Debit card frame then selects the "Potongan 10% - Demo Promo Engine" promo, Verify the value of amount is reduced by 10% from input of price midtrans pillow	Positive	The value of amount should be reduced by 10% from input of price midtrans pillow
TC_017	When user on Credit/Debit card frame then selects the "Promo Demo MasterCard" promo, Verify the value of amount is reduced by 1000 from input of price midtrans pillow	Positive	The value of amount should be reduced by 1000 from input of price midtrans pillow
TC_018	When user on Credit/Debit Card then user input of price midtrans pillow more than equal to 350000,Then user on Credit/Debit Card frame Verify promo "Harbolnas 11/11" is displayed	Positive	Harbolnas 11/11 promo should be displayed
TC_019	When on Credit/Debit Card then user input of price midtrans pillow less than 350000,Then user on Credit/Debit Card frame Verify promo "Harbolnas 11/11" is not present	Positive	Harbolnas 11/11 promo should be not present
TC_020	When on Credit/Debit Card then user input of price midtrans pillow more than equal to 10000, Then user on Credit/Debit Card frame Verify promo "Promo Midtrans" is displayed	Positive	Promo Midtrans should be displayed

TEST CASE DEVELOPMENT

Total Test Case : 53
Total Positive Case : 39
Total Negative Case : 14

TESTID	Test Case	Type	Expected
TC_021	When on Credit/Debit Card then user input of price midtrans pillow more than equal to 10000, Then user on Credit/Debit Card frame Verify promo "Promo Midtrans" is not present	Positive	Promo Midtrans should be not present
TC_022	When the user selects the "Promo Midtrans" promo, Verify the value of amount is reduced by 2000 from input of price midtrans pillow	Positive	The value of amount should be reduced by 2000 from input of price midtrans pillow
TC_023	When user on Credit/Debit card frame, Verify email on credit/debit cart frame equal with email input on customer details	Positive	The email on credit/debit cart frame should be equal with email input on customer details
TC_024	When user on Credit/Debit card frame, Verify phone number on credit/debit cart frame equal with email input on customer details	Positive	The phone number on credit/debit cart frame should be equal with phone input on customer details
TC_025	When user on credit/debit card frame, Verify "PAY NOW" button is clickable	Positive	The PAY NOW button should be clickable when user on credit/debit card frame
TC_026	When user on credit/debit card frame, And input valid Card Number, Expired Date and CVV then clicking"PAY NOW" button, verify user move to Issuing Bank frame	Positive	The issuing bank frame should be displayed
TC_027	When user on Issuing Bank frame, verify value amount equal with amount on credit/debit card frame	Positive	The value of amount should be qual with amount on credit/debit card frame
TC_028	When user on Issuing Bank frame, verify card number equal with card number input on credit/debit card frame	Positive	The card number should be equal with card number input on credit/debit card frame
TC_029	When user on Issuing Bank frame, verify OK button is clickable	Positive	Ok button should be clickable
TC_030	When user on Issuing Bank frame, and input password with positive case data then click OK button, verify message "Thank you for your purchase. Get a nice sleep." on Home Page is displayed	Positive	The message "Thank you for your purchase. Get a nice sleep." on Home Page should be displayed
TC_031	When user on Issuing Bank frame, verify Cancel button is clickable	Positive	Cancel button should be clickable
TC_032	When user on Issuing Bank frame, Then clicking Cancel button, verify message "Transaction failed Your card got declined by the bank" is displayed	Positive	The message "Transaction failed Your card got declined by the bank" should be displayed
TC_033	When user on Issuing Bank frame, verify Resend button is clickable	Positive	Resend button should be clickable
TC_048	When user on Order Summary frame, Verify Close button is clickable	Positive	Close button should be clickable
TC_049	When user on Order Summary frame and Click Close Button, Verify user on Home Page	Positive	User on home page
TC_050	When user on Select Payment frame, Verify Back button is clickable	Positive	Close button should be clickable
TC_051	When user on Select Payment frame, Then click back button Verify user on Order Summary frame	Positive	User on Order Summary frame
TC_052	When user on Credit Card frame , Verify Back button is clickable	Positive	Back button should be clickable
TC_053	When user on Credit Card frame then click back button,Verify Back button is clickable	Positive	User on Select Payment frame

TEST CASE DEVELOPMENT

Total Test Case : 53
Total Positive Case : 39
Total Negative Case : 14

TESTID	Test Case	Type	Expected
TC_034	When customer details is blank then clicking checkout , verify error message is displayed	Negative	The error message should be displayed when customer details are blank
TC_035	When the user only input name on the customer details then clicking checkout, verify error message is displayed	Negative	The Error message should be displayed when the user only input email on the customer details
TC_036	When the user only input email on the customer details then clicking checkout,verify error message is displayed	Negative	The error message should be displayed when the user only input name on the customer details
TC_037	When the user only input phone on the customer details then clicking checkout, verify error message is displayed	Negative	The error message should be displayed when the user only input phone on the customer details
TC_038	When the user only input city on the customer details then clicking checkout, verify error message is displayed	Negative	The error message should be displayed when the user only input city on the customer details
TC_039	When the user only input address on the customer details then clicking checkout, verify error message is displayed	Negative	The error message should be displayed when the user only input address on the customer details
TC_040	When the user only input postal code on the customer details then clicking checkout, verify error message is displayed	Negative	The error message should be displayed when the user only input postal code on the customer details
TC_041	When the user input email without domain (eg. azis@gmail) , verify error message is displayed	Negative	The error message should be displayed when the user input email without domain (eg. azis@gmail.com)
TC_042	When the user input email without @ (eg. azisgmail.com) , verify error message is displayed	Negative	The error message should be displayed when the user input email without domain (eg. azisgmail.com)
TC_043	when the user input special symbol on local part in email (eg. ^^^^@gmail.com), verify error message is displayed	Negative	The error message should be displayed when the user input special symbol on local part in the email
TC_044	When user on credit/debit card frame, And input card number with wrong Card Number Negative Case data , verify error message "Invalid card number" is Displayed	Negative	Error message "Invalid card number" should be displayed
TC_045	When user on credit/debit card frame, And input Expired Date with Negative card data, Verify Backgroud Color of Expired Date change to red color	Negative	Backgroud Color of Expired Date should be change to red color
TC_046	When user on Issuing Bank frame, and input password with wrong password negative case data then click OK button, verify message "Transaction failed Your card got declined by the bank" is displayed	Negative	Error message "Transaction failed Your card got declined by the bank" should be displayed
TC_047	When user on credit/debit card frame, And input denied Card Number, Expired Date and CVV with Negative case data and clicking PAY NOW button and input valid OTP then click OK, verify error message "Transaction failed Your card got declined by the bank" is displayed	Negative	Error message "Transaction failed Your card got declined by the bank" should be displayed

KATALON RESULT

Buka full report disini →

Report_Katalon

Demo_Midtrans

Execution Environment

Host name	muham - bebelac
OS	Windows 10 64bit
Katalon version	8.2.0.208
Browser	Chrome 97.0.4692.71

Summary

ID	Test Suites/Demo_Midtrans		
Description			
Total	53		
Passed	50	Failed	3
Error	0	Incomplete	0
Skipped	0		
Start	2022-01-23 14:28:37	End	2022-01-23 14:43:37
Elapsed	15m - 0.013s		

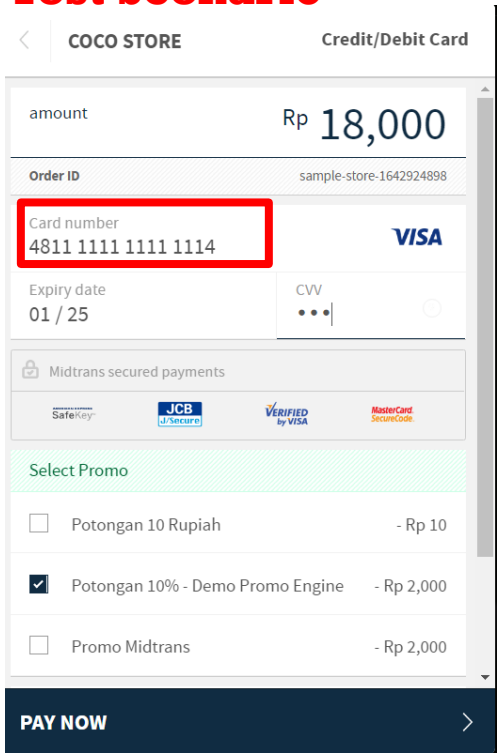
ISSUE

Katalon Result

28	Test Cases/TC_028_Verify_CardNumberwithInputonCCframe_IssuingBankframe	FAILED

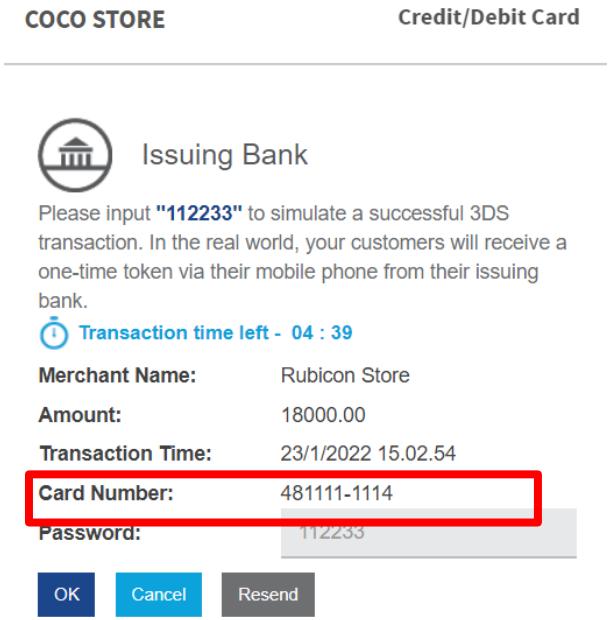
Test Scenario : When user on Issuing Bank frame, verify card number equal with card number input on credit/debit card frame

Test Scenario



Actual:

Card Number not Equal with User Input



Expected :
Card Number Should be Equal with
Input Card Number on Credit Card frame

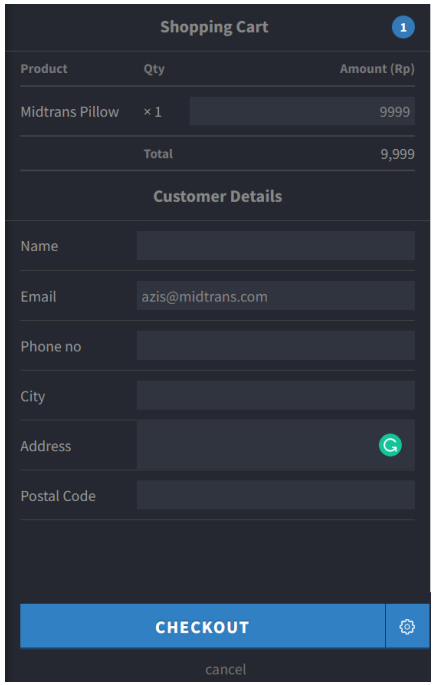
ISSUE

Katalon Result

36	Test Cases/TC_036_Verify_ErrorMessageDisplayed_OnlyInputEmailonCustomerDetails_ShoppingCart	FAILED

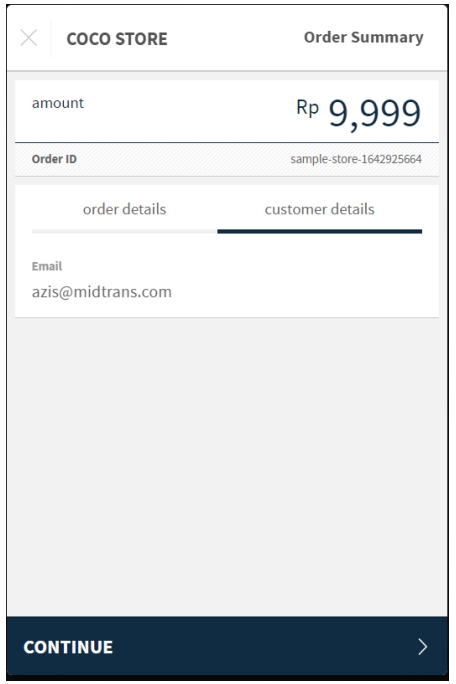
Test Scenario : When the user only input email on the customer details then clicking checkout,verify error message is displayed

Test Scenario



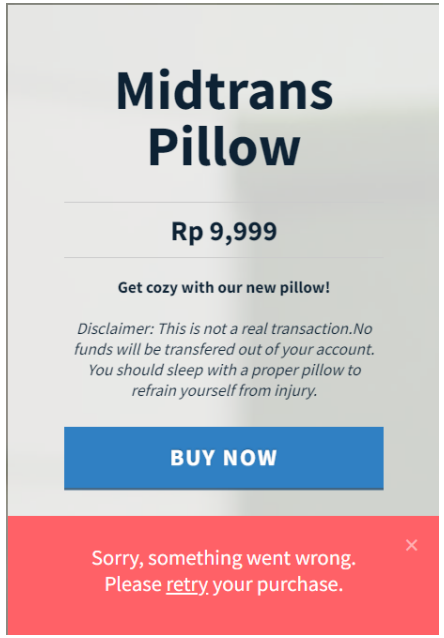
Actual:

User Move to Order Summary Frame



Expected:

Error Message Should be Displayed



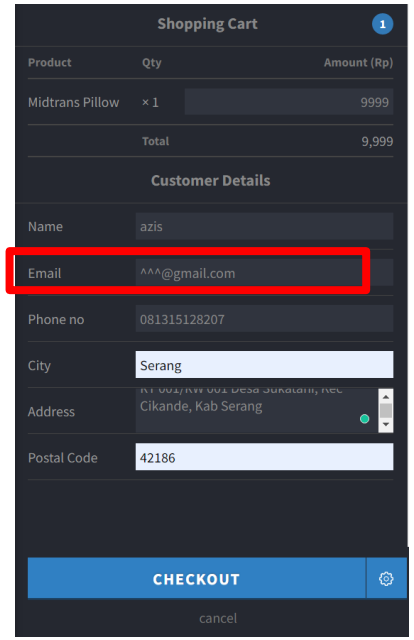
ISSUE

Katalon Result

43 Test Cases/TC_043_Verify_ErrorMessageDisplayed_InputEmailSpecialSymbolLocalPartonCustomerDetails_ShoppingCart FAILED

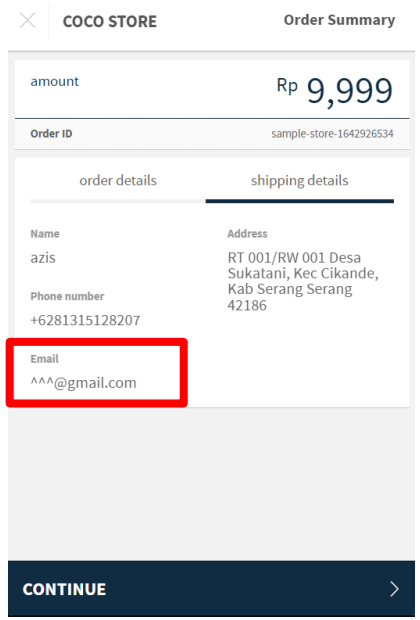
Test Scenario : When the user input special symbol on local part in email (eg. ^^^^@gmail.com), verify error message is displayed

Test Scenario



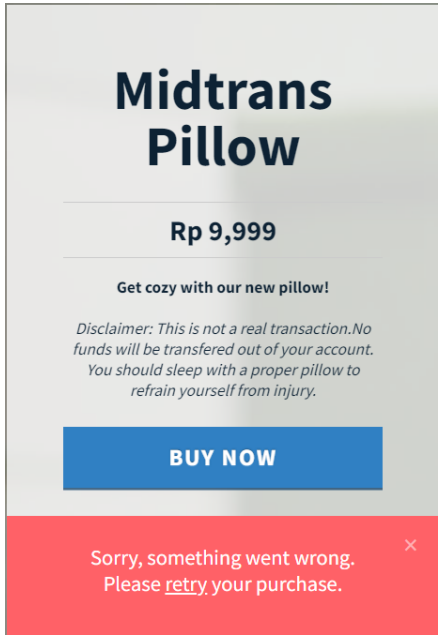
Actual:

User Move to Order Summary Frame



Expected:

Error Message Should be Displayed

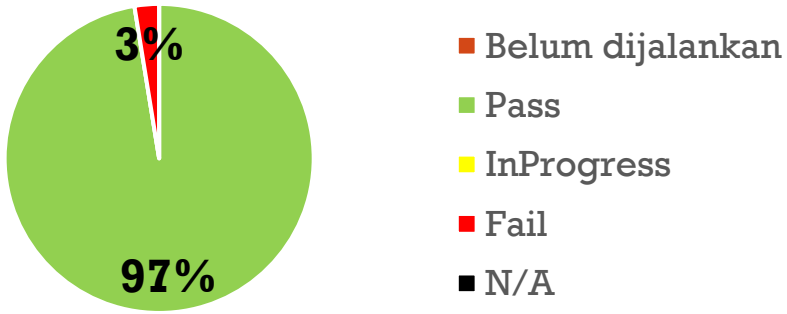


SUMMARY

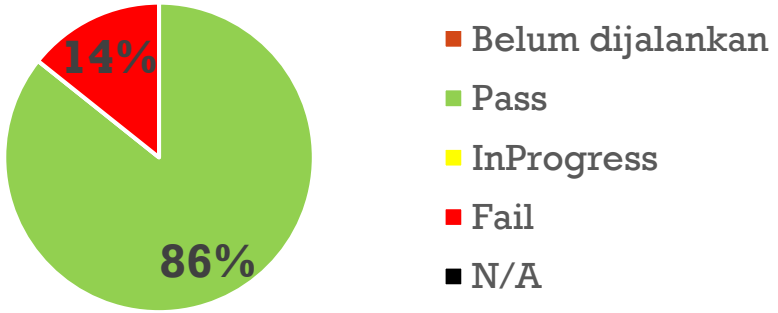
Buka full report disini → Report_DemoMid trans

Type	Test Skenario	Belum dijalankan	Pass	InProgress	Fail	N/A	Overail Progress
Positive	39	0	38	0	1	0	94%
Persentase	100%	0%	97%	0%	3%	0%	
Negative	14	0	12	0	2	0	
Persentase	100%	0%	86%	0%	14%	0%	
Total	53	0	50	0	3	0	
Persentase	100%	0%	94%	0%	6%	0%	

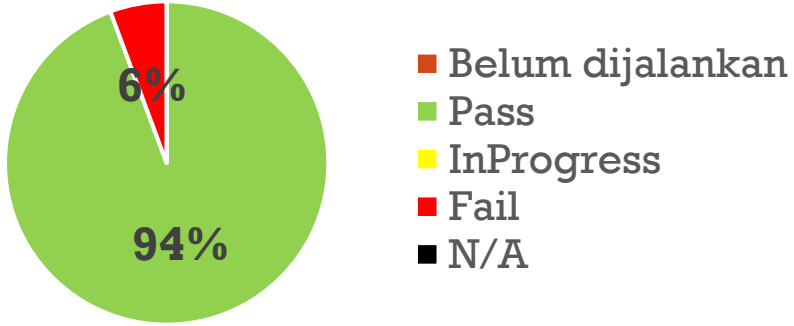
Positive Case



Negative Case

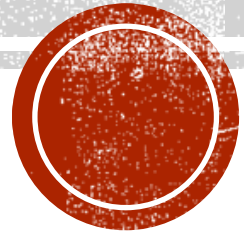


OverailProgress



CONCLUSION

Dari Hasil testing yang sudah dilakukan dapat disimpulkan :

1. Hasil Automation Testing menggunakan katalon menunjukan ada 3 test case yang belum terpenuhi Oleh Aplikasi.
2. Hasil yang didapat secara keseluruhan dari test case mencapai 94%, Untuk Positive Case Mencapai 97% dan Negative case sudah mencapai 86%

THANK YOU