

AUTOMATION MOBILE TESTING

CILSY STAGING (SMALL PROJECT)



REQUITMENT

1. Melakukan automation mobile testing pada aplikasi staging cicle menggunakan appium dan katalon.
2. Membuat manual test case dari hasil automation testing tersebut
3. Scope testing adalah positive case dan negative case (30 Test case) dengan fitur fitur app yang di test adalah:
 - Board
 - Blash
 - Group chat
4. Hasil automation test di kirim ke Github



Mengenal Aplikasi Cicle



Cicle adalah all-in-one-tools untuk mengelola pekerjaan & komunikasi tim yang bersifat kolaborasi mempermudah untuk mentracking kerjaan,tugas,dokumentasi dan sarana untuk berdikusi antar tim



Cicle Features Tested

BOARD

menggunakan konsep Kanban Board, untuk memudahkan pengerjaan task yang bersifat kolaborasi

GRUP CHAT

forum untuk komunikasi untuk semua member

BLASH

Pengumuman yang bisa di baca oleh semua member



Test Case Management Tools



WPS Office

WPS Office adalah suite kantor gratis multifungsi yang mengintegrasikan Word, PDF, Excel, PowerPoint, tabel, dokumen, penyimpanan cloud, perpustakaan templat, serta pembagian dan pengeditan daring.



Qase.io

Qase.io adalah website testcase management tools untuk membantu memudahkan pembuatan test case secara manual atau automation

Automation Tools



Katalon Studio

Katalon Studio adalah aplikasi open source untuk pengujian secara otomatis yang dikembangkan oleh Katalon LLC. Katalon mendukung 3 platform pengujian secara otomatis, yaitu Web testing, API testing, dan Mobile testing.



Appium (included in katalon)

Appium adalah sebuah tools open source yang digunakan untuk pengujian aplikasi native ataupun hybrid. Appium dibangun berdasarkan selenium tetapi fokus pada pengujian mobile



Android Studio

Android Studio adalah Integrated Development Environment (IDE) untuk pengembangan aplikasi Android, yang didasarkan pada IntelliJ IDEA. Android Studio menawarkan banyak fitur yang meningkatkan produktivitas Anda dalam membuat aplikasi Android


















KEMBALI KE HALAMAN AGENDA

TEST CASE



BLASH

Positive 		
Blash > Positive		
<input type="checkbox"/> Results	Title	Assignee
<input type="checkbox"/> Passed	User archive blas	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit blas detail	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User cheers comment in blas	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit comment in blas	 Mochamad nova setyawan
<input type="checkbox"/> Passed + 1	User add comment	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit complete post	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit blas with all subscriber	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User create new blas	 Mochamad nova setyawan
Negative 		
Blash > Negative		
<input type="checkbox"/> Results	Title	Assignee
<input type="checkbox"/> Passed	User cheers comment with empty word in blas	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User add comment with empty word	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit blas with empty subscriber	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User create new blas without title	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User create new blas without description	 Mochamad nova setyawan

Positive Test : 8

Negative Test : 5

















Pass : 13

Fail : 0

Presentase :

100%

BOARD

Positive ▾		
Board > Positive		
<input type="checkbox"/> Results	Title	Assignee
<input type="checkbox"/> Passed	User create new board list	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User create new card	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User add comment	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit name card	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User edit description	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User add subscriber in board	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User add label	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User remove label	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User archive card	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User restore card	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User archive board	 Mochamad nova setyawan
<input type="checkbox"/> Failed	User restore board	 Mochamad nova setyawan
Negative ▾		
Board > Negative		
<input type="checkbox"/> Results	Title	Assignee
<input type="checkbox"/> Passed	User create new board list without name	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User create new card list without name	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User add comment with empty word	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User add subscriber in board with empty subscriber	 Mochamad nova setyawan

Positive Test : 12

Negative Test : 4





Pass : 15

Fail : 1

Presentase :

94%

GROUP CHAT

Positive 		
Group chat > Positive		
<input type="checkbox"/> Results	Title	Assignee
<input type="checkbox"/> Passed	User send chat	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User send mention chat	 Mochamad nova setyawan
<input type="checkbox"/> Passed	User delete chat	 Mochamad nova setyawan

Positive Test : 3

Negative Test : 0

Pass : 3

Fail : 0

Presentase :

100%

ALL RESULT

No	Module code	Pass	Fail	Pending	Number of test cases
1	Blash	13	0	0	13
2	Board	15	1	0	16
3	Grup Chat	3	0	0	3
Sub total		31	1	0	32

Positive Test : 23

Negative Test : 9

Pass : 31

Fail : 1

Presentase :

97%

TEST CASE & STEP REPORT WITH WPS

Test Case Description		Automation testing Cilsy Staging				PASS / FAIL	TOTAL	Type	TOTAL
Tester Name		Mochamad Nova . S				Pass	31	Positive	23
Date Tester						FAIL	1	Negative	9
NO	MODUL	NO TEST	SCENARIO TEST	TYPE TES	STEP DETAIL	EXPECTED RESULT	ACTUAL RESULT	PASS / FAIL	SCREENSHOOT/VIDEO
1	blash	TB1	User create new blash	Positive	1. Go to Blash 2. Click "+" sign 3. type title and content 4. Click publish button	User can create new blash	As expected	pass	
		TB3	User create new blash without title	Negative	1. Go to Blash 2. Click "+" sign 3. type title and description 4. Click publish button	User cant create new blash	As expected	pass	
		TB2	User create new blash without description	Negative	1. Go to Blash 2. Click "+" sign 3. type title and description 4. Click publish button	User cant create new blash	As expected	pass	
		TB12	User edit blash detail	Positive	1. Go to blash 2. Click one of blash 3. Click 3 dot button in blash 4. Click edit 5. Type blash detail 6. change submit	User can edit blash details	As expected	pass	
		TB5	User edit blash with all subscriber	Positive	1. Go to blash 2. Click one of blash 3. Click subscriber 4. Add subscriber	User can notified to other	As expected	pass	
		TB4	User edit blash with empty subscriber	Negative	1. Go to blash 2. Click one of blash 3. Click subscriber 4. Add subscriber	User can notified to other	As expected	pass	
		TB7	User add comment	Positive	1. Go to blash 2. Click one of blash 3. Click add comment 4. Type comment 5. Click Submit button	User can comment	As expected	pass	
		TB8	User add comment with empty word	Negative	1. Go to blash 2. Click one of blash 3. Click add comment 4. Type comment 5. Click Submit button	User cant comment	As expected	pass	
		TB11	User cheers comment in blash	Positive	1. Go to board 2. Click card 3. Click cheers button 4. Type the cheers 5. Click checklist sign	User can cheers comment	As expected	pass	
		TB10	User cheers comment with empty word in blash	Negative	1. Go to board 2. Click card 3. Click cheers button 4. Type the cheers 5. Click checklist sign	User cant cheers comment	As expected	pass	
		TB9	User edit comment in blash	Positive	1. Go to blash 2. Click one of blash 3. Click 3 dot button in comment 4. Click "edit comment" 5. Type your comment 6. Submit	User can edit comment	As expected	pass	

KEMBALI KE HALAMAN AGENDA

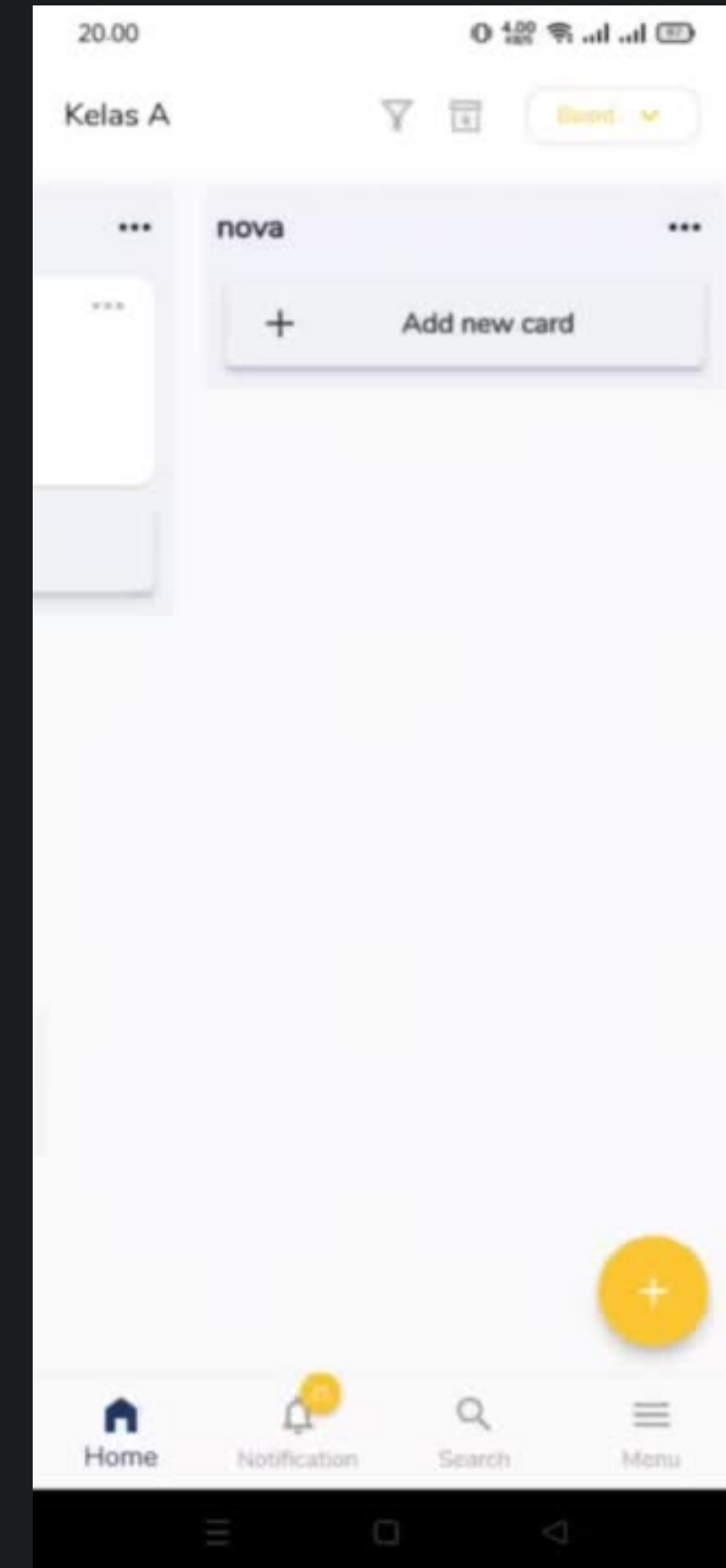
BUG REPORT



Bug Report 1

- User Restore Archive Board List

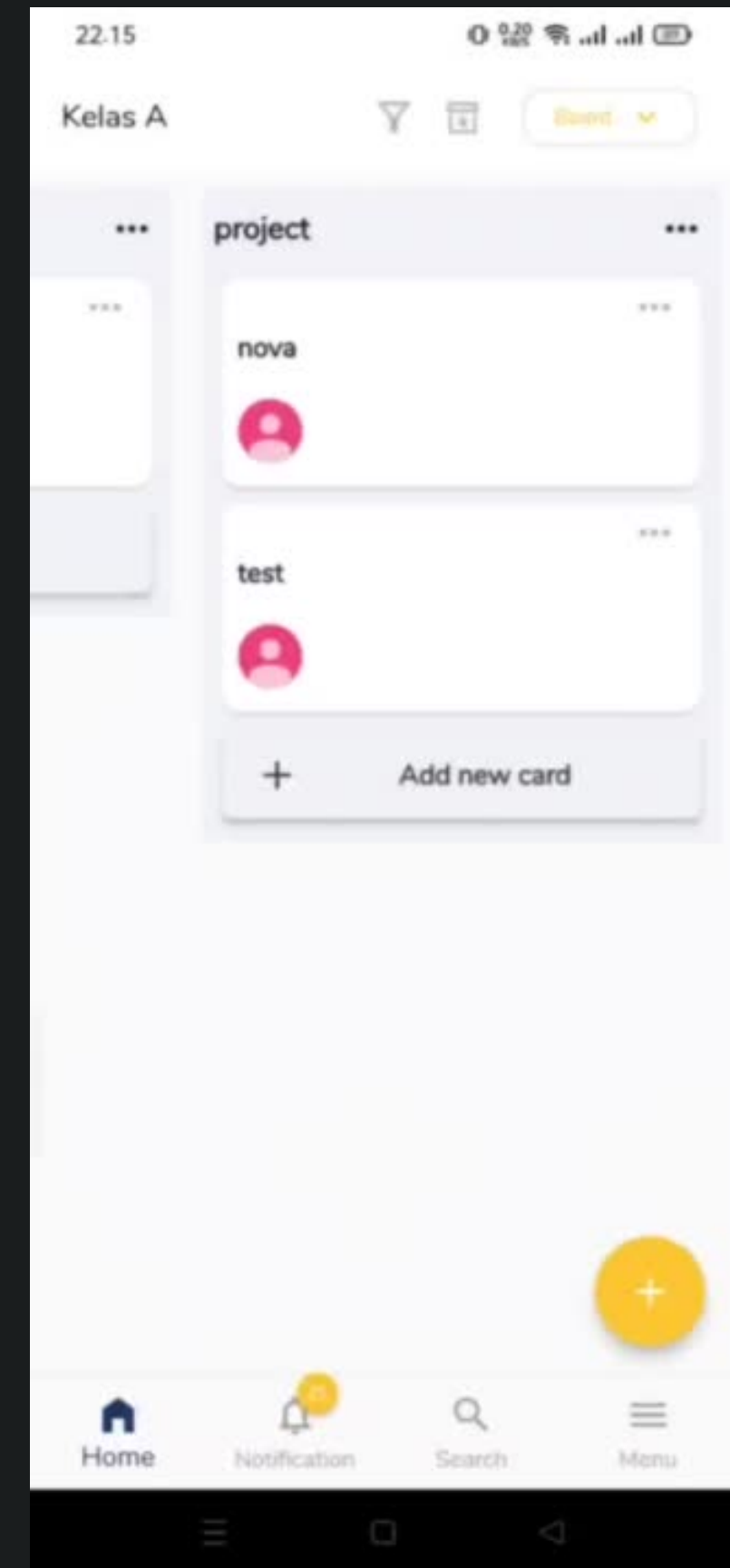
Hasil dari board arsip menghilang di menu arsip mengakibatkan tidak bisanya restore board arsip



Bug Report 2

- User Restore Card From Archive
All Cards in This List Menu

Hasil dari restore all card in this
list tidak bisa di kembalikan
dengan keterangan *callback object
card not found*



BUG REPORTING WITH WPS

[illegible]

KEMBALI KE HALAMAN AGENDA

RECORD AUTOMATION RESULT



Group Chat

The screenshot displays the Katalon Studio interface during a test execution. The title bar indicates the project is 'Android Mobile Tests with Katalon Studio - [Location: C:\Users\62812\Katalon Studio\Project_1 Staging Cicle App]'. The 'Tests Explorer' on the left lists various test cases, with 'Group and Chat' expanded to show 'Positive Test' cases: 'TC1_User send chat', 'TC2_User remove Chat', and 'TC3_User send mention chat'. The 'Execution Information' pane in the center shows a table of test cases, with the first row selected: '1 Test Cases/Login/TL1, T...'. A dialog box titled 'Android Devices' is open, showing 'emulator-5554 (sdk_gphone_x86 - Android 11)' as the selected device. The 'Job Progress' pane on the right shows the test suite status: 'Test Suites/7' (Passed), 'Test Suite' (Passed), 'Test Suite' (Failed), 'Test Suite' (Failed), and 'Test Suite' (Passed). The bottom status bar shows 'Runs: 14/14', 'Passes: 14', 'Failures: 0', 'Errors: 0', and 'Skips: 0'. The console log displays the following information: 'Test Suites/Blash (326.176s)', 'hostName = 62812 - Chrome', 'os = Windows 10 64bit', 'hostAddress = 192.168.0.121', and 'katalonVersion = 8.4.1.208'. The elapsed time is '10-30-2022 12:41:44 PM' and 'Elapsed time: 5m - 25:'. The bottom taskbar shows the system clock at '12:53 30/10/2022' and the temperature at '34°C Cerah'.

Katalon Studio - 8.4.1-4b82ee67 - Android Mobile Tests with Katalon Studio - [Location: C:\Users\62812\Katalon Studio\Project_1 Staging Cicle App]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

Enter text to search...

- TO11_User add label
- TO12_User remove label
- TO13_User archive card
- TO14_User restore card
- TO15_User archive board
- TO16_User restore board
- TO2_User create new board list
- TO4_User create new card
- TO6_User add comment in board
- TO7_User edit card
- TO8_User edit description
- Group and Chat
 - Negative Test
 - Positive Test
 - TC1_User send chat
 - TC2_User remove Chat
 - TC3_User send mention chat
- Login
- Object Repository
 - Blash
 - Board
 - Group and chat
 - User login with google account
- Test Suites
 - All Test
 - Blash
 - Board
 - Group Chat
 - Test
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports

Execution Information

Add Delete Move Up Move Down

Enter text to search...

No.	ID
1	Test Cases/Login/TL1, T...
2	Test Cases/Group and C...
3	Test Cases/Group and C...
4	Test Cases/Group and C...

Android Devices

- emulator-5554 (sdk_gphone_x86 - Android 11)

OK Cancel

Job Progress

- Test Suites/7
 - <Passed>
- Test Suite
 - <Passed>
- Test Suite
 - <Failed>
- Test Suite
 - <Failed>
- Test Suite
 - <Passed>

Main Script Integration Result

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 14/14 Passes: 14 Failures: 0 Errors: 0 Skips: 0

Test Suites/Blash (326.176s)

hostName = 62812 - Chrome

os = Windows 10 64bit

hostAddress = 192.168.0.121

katalonVersion = 8.4.1.208

10-30-2022 12:41:44 PM

Elapsed time: 5m - 25:...

Launching the test suite... (20%)

34°C Cerah

12:53 30/10/2022

Blash

The screenshot displays the Katalon Studio interface during a test suite execution. The title bar indicates the project is 'Android Mobile Tests with Katalon Studio - [Location: C:\Users\62812\Katalon Studio\Project_1 Staging Cicle App]'. The main window is divided into several panels:

- Tests Explorer:** Located on the left, it shows a hierarchical view of the test suite structure. The 'Blash' folder is expanded, showing sub-folders like 'Negative Test' and 'Positive Test', and specific test cases like 'TC1_User send chat' and 'TC2_User remove Chat'.
- Execution Information:** The central panel displays a table of test cases and their execution status. The table has columns for 'No.' and 'ID'. The test cases listed are:

No.	ID
1	Test Cases/Login/TL1_Test Application
2	Test Cases/Blash/Positive Test/TB1_User create blash
3	Test Cases/Blash/Negative Test/TB2_User create blash without description
4	Test Cases/Blash/Negative Test/TB3_User create blash without title
5	Test Cases/Blash/Negative Test/TB4_User edit blash without subscriber
6	Test Cases/Blash/Positive Test/TB5_User edit blash with all subscriber
7	Test Cases/Blash/Positive Test/TB6_User edit Complete post
8	Test Cases/Blash/Positive Test/TB7_User add comment in blash
9	Test Cases/Blash/Negative Test/TB8_User add comment in blash without word
10	Test Cases/Blash/Positive Test/TB9_User edit comment in blash
11	Test Cases/Blash/Negative Test/TB10_User cheers with empty word in blash
12	Test Cases/Blash/Positive Test/TB11_User cheers with word in blash
13	Test Cases/Blash/Positive Test/TB12_User edit blash details
14	Test Cases/Blash/Positive Test/TB13_User archive blash
- Job Progress:** On the right, it shows the progress of the test suite execution. The 'Test Suites' section indicates that the test suite is 'Running' and 'Passed'.
- Main Panel:** The bottom section of the interface shows the 'Main' tab, which displays the test suite's execution details. It includes a summary of runs (14/14), passes (14), failures (0), errors (0), and skips (0). A green progress bar indicates the successful completion of the test suite. Below this, the 'Console' tab shows the execution log, which includes the test suite's name, host name, OS, host address, and Katalon version.

The bottom status bar shows the system temperature (34°C), weather (Cerah), and the time (12:41 on 30/10/2022). The taskbar at the bottom displays various application icons, including the Windows Start menu, search, and several open applications like Katalon Studio, Chrome, and VS Code.

Board

Katalon Studio - 8.4.1-4b82ee67 - Android Mobile Tests with Katalon Studio - [Location: C:\Users\62812\Katalon Studio\Project_1 Staging Cicle App]

File Action Edit Project Debug TestOps Window Tools Help

Tests Explorer

Enter text to search...

- TO14_User restore card
- TO15_User archive board
- TO16_User restore board
- TO2_User create new board list
- TO4_User create new card
- TO6_User add comment in board
- TO7_User edit card
- TO8_User edit description
- Group and Chat
 - Negative Test
 - Positive Test
 - TC1_User send chat
 - TC2_User remove Chat
 - TC3_User send mention chat
- Login
- Object Repository
 - Blash
 - Board
 - Group and chat
 - User login with google account
- Test Suites
 - All Test
 - Blash
 - Board
 - Group Chat
 - Test
- Data Files
- Checkpoints
- Keywords
- Test Listeners
- Reports
- TestOps
- Include
- androidapp

Execution Information

Add Delete Move Up Move Down

Enter text to search...

No.	ID
1	Test Cases/Login/TL1_T
2	Test Cases/Board/Nega
3	Test Cases/Board/Positi
4	Test Cases/Board/Nega
5	Test Cases/Board/Positi
6	Test Cases/Board/Nega
7	Test Cases/Board/Positi
8	Test Cases/Board/Positi
9	Test Cases/Board/Positi
10	Test Cases/Board/Nega
11	Test Cases/Board/Positi
12	Test Cases/Board/Positi
13	Test Cases/Board/Positi
14	Test Cases/Board/Positi
15	Test Cases/Board/Positive Test/TO14_User restore card
16	Test Cases/Board/Positive Test/TO15_User archive board
17	Test Cases/Board/Positive Test/TO16_User restore board

Android Devices

emulator-5554 (sdk_gphone_x86 - Android 11)

OK Cancel

Test Suites/

- <Failed>
- Test Suite <Passed>
- Test Suite <Failed>
- Test Suite <Failed>

testing

Headquarter

Start adding new HQ by clicking the yellow button!

Team

Project 1

Project

Home Notification Search Menu

Main Script Integration Result

Problems Event Log Console Log Viewer Self-healing Insights

Runs: 17/17 Passes: 16 Failures: 1 Errors: 0 Skips: 0

Test Suites/Board (349.098s)

hostName = 62812 - Chrome

os = Windows 10 64bit

hostAddress = 192.168.0.121

katalonVersion = 8.4.1.208

10-30-2022 12:05:57 PM

Elapsed time: 5m - 47.1

Launching the test suite... (20%)

32°C
Cerah

12:16
30/10/2022

Automation Mobile Result

Board

Runs: 17/17 Passes: 16 Failures: 1 Errors: 0 Skips: 0

Test Suites/Board (356.152s)

hostname = 62812 - Chrome
os = Windows 10 64bit
hostAddress = 192.168.0.121
katalonVersion = 8.4.1.208

> sampleBeforeTestSuite (0.084s)

> Test Cases/Login/TL1_Test Application (12.139s)

> Test Cases/Board/Negative Test/TO1_User create new board list without name (25.919s)

> Test Cases/Board/Positive Test/TO2_User create new board list (10.740s)

> Test Cases/Board/Negative Test/TO3_User create new card without name (9.429s)

> Test Cases/Board/Positive Test/TO4_User create new card (10.498s)

> Test Cases/Board/Negative Test/TO5_User add comment in board without word (19.096s)

> Test Cases/Board/Positive Test/TO6_User add comment in board (18.551s)

> Test Cases/Board/Positive Test/TO7_User edit card (22.860s)

> Test Cases/Board/Positive Test/TO8_User edit description (17.228s)

> Test Cases/Board/Negative Test/TO9_User add subscriber in board with empty subscriber (34.000s)

> Test Cases/Board/Positive Test/TO10_User add subscriber in board (28.243s)

> Test Cases/Board/Positive Test/TO11_User add label (21.998s)

> Test Cases/Board/Positive Test/TO12_User remove label (19.185s)

> Test Cases/Board/Positive Test/TO13_User archive card (19.130s)

> Test Cases/Board/Positive Test/TO14_User restore card (16.825s)

> Test Cases/Board/Positive Test/TO15_User archive board (31.093s)

> Test Cases/Board/Positive Test/TO16_User restore board (37.490s)

> exportKatalonReports (0.650s)

Blash

Runs: 14/14 Passes: 14 Failures: 0 Errors: 0 Skips: 0

Test Suites/Blash (329.257s)

hostname = 62812 - Chrome
os = Windows 10 64bit
hostAddress = 192.168.0.121
katalonVersion = 8.4.1.208

> sampleBeforeTestSuite (0.099s)

> Test Cases/Login/TL1_Test Application (12.016s)

> Test Cases/Blash/Positive Test/TB1_User create blash (35.171s)

> Test Cases/Blash/Negative Test/TB2_User create blash without description (17.993s)

> Test Cases/Blash/Negative Test/TB3_User create blash without title (21.190s)

> Test Cases/Blash/Negative Test/TB4_User edit blash without subscriber (20.159s)

> Test Cases/Blash/Positive Test/TB5_User edit blash with all subscriber (19.556s)

> Test Cases/Blash/Positive Test/TB6_User edit Complete post (18.627s)

> Test Cases/Blash/Positive Test/TB7_User add comment in blash (24.225s)

> Test Cases/Blash/Negative Test/TB8_User add comment in blash without word (26.342s)

> Test Cases/Blash/Positive Test/TB9_User edit comment in blash (39.387s)

> Test Cases/Blash/Negative Test/TB10_User cheers with empty word in blash (18.557s)

> Test Cases/Blash/Positive Test/TB11_User cheers with word in blash (20.985s)

> Test Cases/Blash/Positive Test/TB12_User edit blash details (36.766s)

> Test Cases/Blash/Positive Test/TB13_User archive blash (16.983s)

> exportKatalonReports (0.587s)

Group Chat

Runs: 4/4 Passes: 4 Failures: 0 Errors: 0 Skips: 0

Test Suites/Group Chat (64.907s)

hostname = 62812 - Chrome
os = Windows 10 64bit
hostAddress = 192.168.0.121
katalonVersion = 8.4.1.208

> sampleBeforeTestSuite (0.084s)

> Test Cases/Login/TL1_Test Application (12.170s)

> Test Cases/Group and Chat/Positive Test/TC1_User send chat (24.983s)

> Test Cases/Group and Chat/Positive Test/TC2_User remove Chat (11.422s)

> Test Cases/Group and Chat/Positive Test/TC3_User send mention chat (15.043s)

> exportKatalonReports (0.510s)

Terima
kasih

