AUTOMATION MOBILE TESTING

CILSY STAGING(SMALL PROJECT)

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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 mentraking
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 automasi, 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

TEST CASE

BLASH

Positive Test : 8

Negative Test : 5

Pass : 13

Fail : 0

Presentase :

100%

BOARD

Positive ⌄

Board > Positive

	Results	Title		Assignee
☐	Passed	User create new board list		MN Mochamad nova setyawan
☐	Passed	User create new card		MN Mochamad nova setyawan
☐	Passed	User add comment		MN Mochamad nova setyawan
☐	Passed	User edit name card		MN Mochamad nova setyawan
☐	Passed	User edit description		MN Mochamad nova setyawan
☐	Passed	User add subcriber in board		MN Mochamad nova setyawan
☐	Passed	User add label		MN Mochamad nova setyawan
☐	Passed	User remove label		MN Mochamad nova setyawan
☐	Passed	User archive card		MN Mochamad nova setyawan
☐	Passed	User restore card		MN Mochamad nova setyawan
☐	Passed	User archive board		MN Mochamad nova setyawan
☐	Failed	User restore board		MN Mochamad nova setyawan

Negative ⌄

Board > Negative

	Results	Title		Assignee
☐	Passed	User create new board list without name		MN Mochamad nova setyawan
☐	Passed	User create new card list without name		MN Mochamad nova setyawan
☐	Passed	User add comment with empty word		MN Mochamad nova setyawan
☐	Passed	User add subcriber in board with empty subcriber		MN Mochamad nova setyawan

Positive Test : 12

Negative Test : 4

Pass : 15

Fail : 1

Presentase :

94%

GROUP CHAT

Positive Test : 3

Negative Test : 0

Pass : 3

Fail : 0

Presentase :

100%

Positive ⌄

Group chat > Positive

	Results	Title	Assignee
☐	Passed	User send chat	MN Mochamad nova setyawan
☐	Passed	User send mention chat	MN Mochamad nova setyawan
☐	Passed	User delete chat	MN Mochamad nova setyawan

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

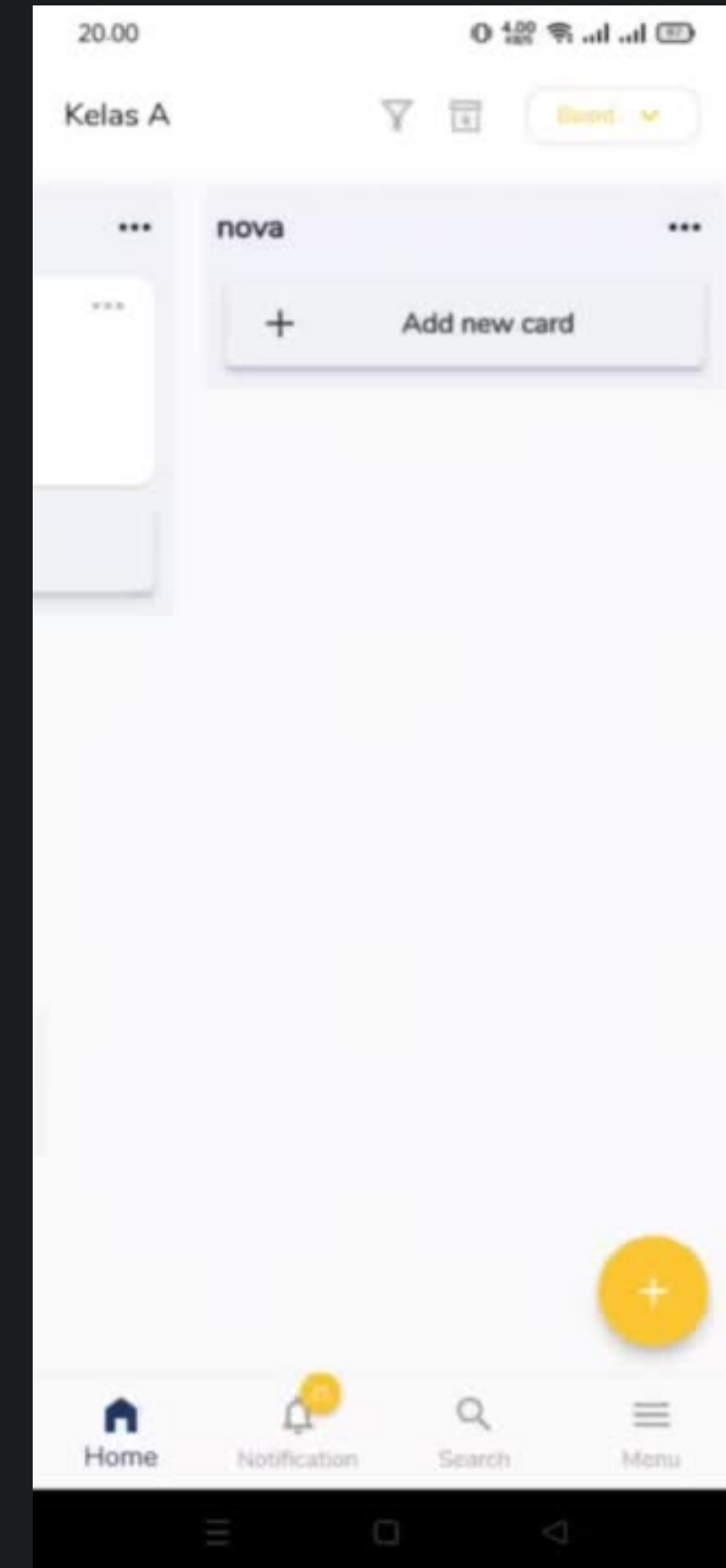| NO	MODUL	NO TEST	SCENARIO TEST	TYPE TEST	STEP DETAIL	EXPECTED RESULT	ACTUAL RESULT	PASS / FAIL	SCREENSHOOT/VIDEO
1	blash	TB1	User create new blash	Positive	1. Go to Blash 2. Click "+" sign 3. type title and content 4. Click publish button	User can create new blash	As expected	pass	
		TB3	User create 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 subcriber	Positive	1. Go to blash 2. Click one of blash 3. Click subcriber 4. Add subcriber	User can notified to other	As expected	pass	
		TB4	User edit blash with empty subcriber	Negative	1. Go to blash 2. Click one of blash 3. Click subcriber 4. Add subcriber	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	

BUG REPORT

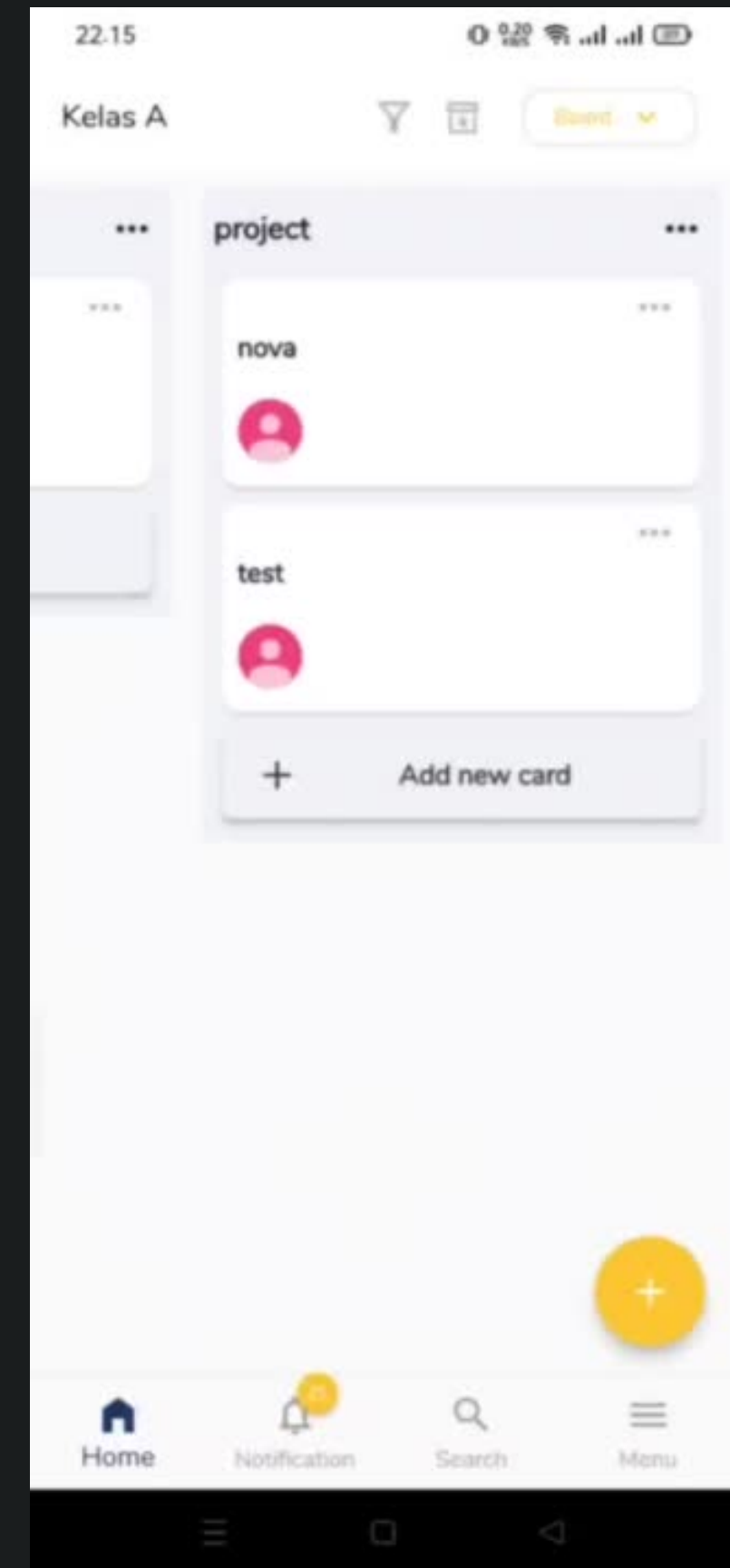# Bug Report 1

- 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

BUG REPORT

Note		Automation mobile testing Cilsy Staging
Date		

No	Module code	Scenario Test	Bug report	SCREENSHOOT/VIDEO
1	Board	User restore archive board list	The result of the archive board disappears in the archive menu resulting in the inability to restore the archive board	https://drive.google.com/file/d/14f5xFsvFur1JNEsnNVwFVcMyKsQE575U/view?usp=share_link
2	Board	User restore archive when User archive all card in this list	The results from restoring all cards in this list cannot be returned with a description of the callback object card not found	https://drive.google.com/file/d/18NZeQd_uLLF2cSEXMXvnFImSPa_RxfU/view?usp=sharing
3				

RECORD AUTOMATION RESULT

Group Chat

Blash

Board

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 Aplication (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 subcriber in board with empty subcriber (34.0
  - Test Cases/Board/Positive Test/TO10_User add subcriber 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 Aplication (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 subcriber (20.159s)
  - Test Cases/Blash/Positive Test/TB5_User edit blash with all subcriber (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 Aplication (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