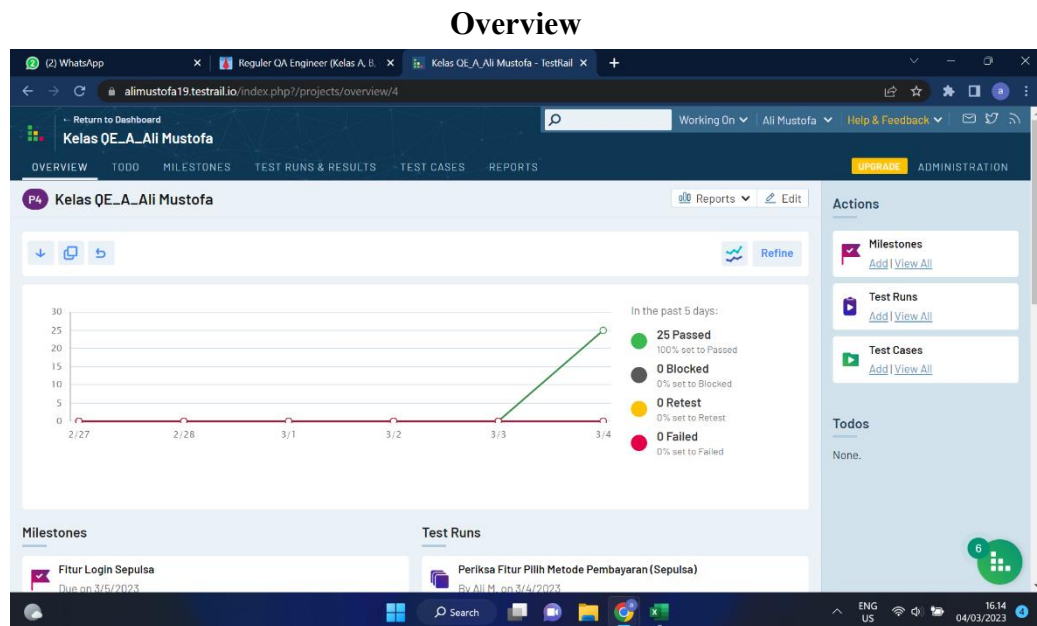


Nama : Ali Mustofa  
Nama Program : Be a Top Search Quality Engineer  
Kelas : A

## Test Case Management Tools

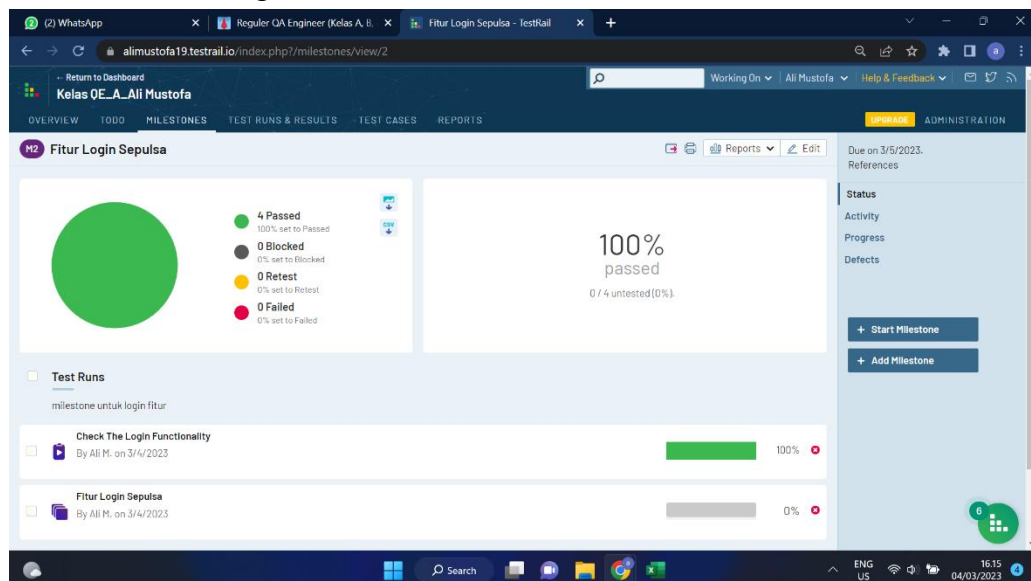
1. Implementasikan penggunaan test case management tools untuk aplikasi <https://www.sepulsa.com/> dengan kriteria sebagai berikut:
  - a. Menggunakan TestRail sebagai test case management tools.
  - b. Terdapat 3 fitur yang dilakukan testing yaitu login, pilih produk dan pilih metode pembayaran.
  - c. Setiap test case terdapat case positif dan negatif.

Jawab:

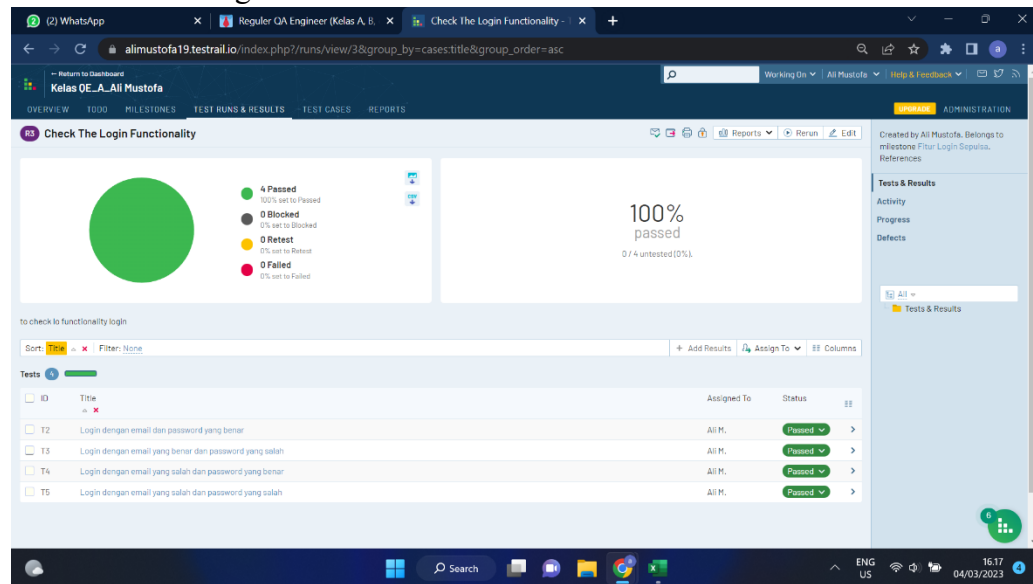


### 1. Fitur Login

#### ❖ Milestone Fitur Login



## ❖ Test Run Fitur Login



## ❖ Test Case Positif Fitur Login

The screenshot displays the TestRail interface for a test case titled "Login dengan email dan password yang benar". The test case is categorized as Functional with a High priority. The test steps are: 1. Input valid email, 2. Input valid password, 3. Click login button. The expected result is "user success login".

Type	Priority	Estimate	References
Functional	High	None	None

**Automation Type**  
None

**Preconditions**  
user on login page

**Steps**  
1. Input valid email  
2. Input valid password  
3. Click login button

**Expected Result**  
user success login

## ❖ Test Case Negatif Fitur Login

The screenshot displays a web application interface for managing test cases. The browser address bar shows the URL: `alimustofa19.testrail.io/index.php?cases/view/4&group_by=cases:section_id&group_order=asc&display_deleted_cases=0&group_id=2`. The application header includes navigation tabs: OVERVIEW, TODO, MILESTONES, TEST RUNS & RESULTS, TEST CASES (active), and REPORTS. A user profile dropdown shows 'Ali Mustafa' and an 'UPGRADE' button. The main content area displays test case details for 'C4 Login dengan email yang benar dan password yang salah'. The details include a table with fields: Type (Functional), Priority (High), Estimate (None), and References (None). Below the table, the 'Preconditions' section lists 'user on login page'. The 'Steps' section lists three steps: 1. user input valid email, 2. user input invalid password, and 3. click login button. The 'Expected Result' section lists 'user failed login'. The right sidebar contains sections for 'Details' (Tests & Results, Defects, History), 'People & Dates' (Created: Ali Mustafa, 3/4/2023 5:21 AM; Updated: Ali Mustafa, 3/4/2023 5:21 AM), and a notification badge with the number 6. The bottom status bar shows the system clock as 17:26 on 04/03/2023.

Test Cases Login

Type	Priority	Estimate	References
Functional	High	None	None
Automation Type	None		

Preconditions

- user on login page

Steps

1. user input valid email
2. user input invalid password
3. click login button

Expected Result

- user failed login

Details

- Tests & Results
- Defects
- History

People & Dates

- Created: Ali Mustafa, 3/4/2023 5:21 AM
- Updated: Ali Mustafa, 3/4/2023 5:21 AM

The screenshot displays a web application interface for managing test cases. The browser address bar shows the URL: `alimustofa19.testrail.io/index.php?cases/view/5&group_by=cases:section_id&group_order=asc&display_deleted_cases=0&group_id=2`. The application header includes navigation tabs: OVERVIEW, TODO, MILESTONES, TEST RUNS & RESULTS, TEST CASES (active), and REPORTS. A user profile dropdown shows 'Ali Mustafa' and an 'UPGRADE' button. The main content area displays test case details for 'C5 Login dengan email yang salah dan password yang benar'. The details include a table with fields: Type (Functional), Priority (High), Estimate (None), and References (None). Below the table, the 'Preconditions' section lists 'user on login page'. The 'Steps' section lists three steps: 1. user input invalid email, 2. user input valid password, and 3. click login button. The 'Expected Result' section lists 'user failed login'. The right sidebar contains sections for 'Details' (Tests & Results, Defects, History), 'People & Dates' (Created: Ali Mustafa, 3/4/2023 5:24 AM; Updated: Ali Mustafa, 3/4/2023 5:24 AM), and a notification badge with the number 6. The bottom status bar shows the system clock as 17:39 on 04/03/2023.

Test Cases Login

Type	Priority	Estimate	References
Functional	High	None	None
Automation Type	None		

Preconditions

- user on login page

Steps

1. user input invalid email
2. user input valid password
3. click login button

Expected Result

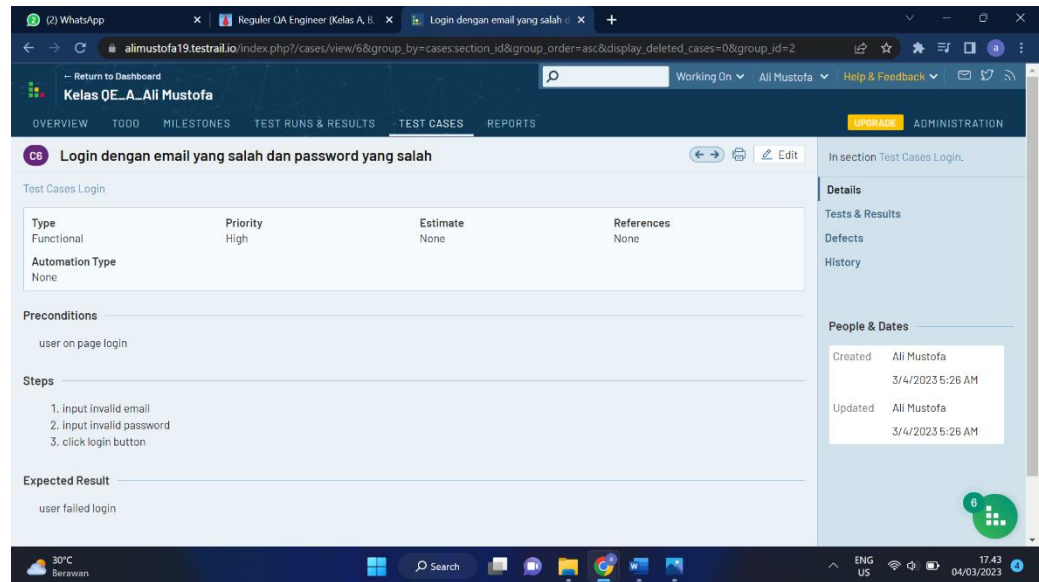
- user failed login

Details

- Tests & Results
- Defects
- History

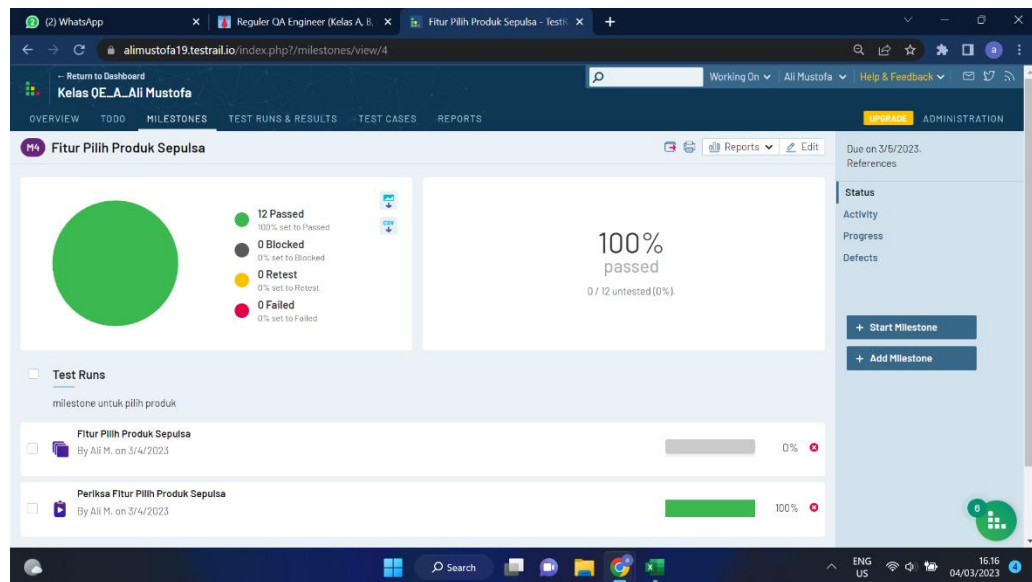
People & Dates

- Created: Ali Mustafa, 3/4/2023 5:24 AM
- Updated: Ali Mustafa, 3/4/2023 5:24 AM

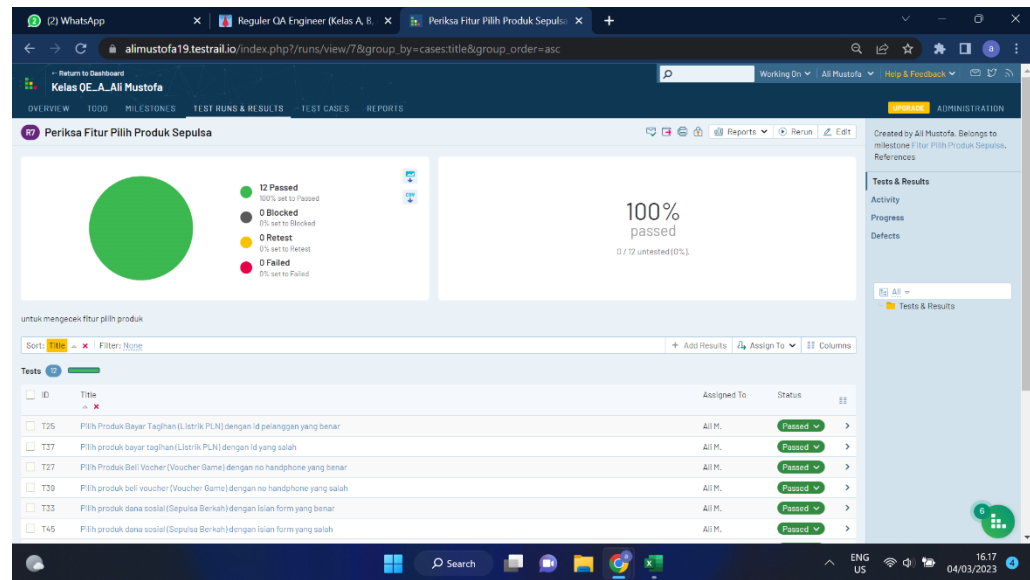


## 2. Fitur Pilih Produk

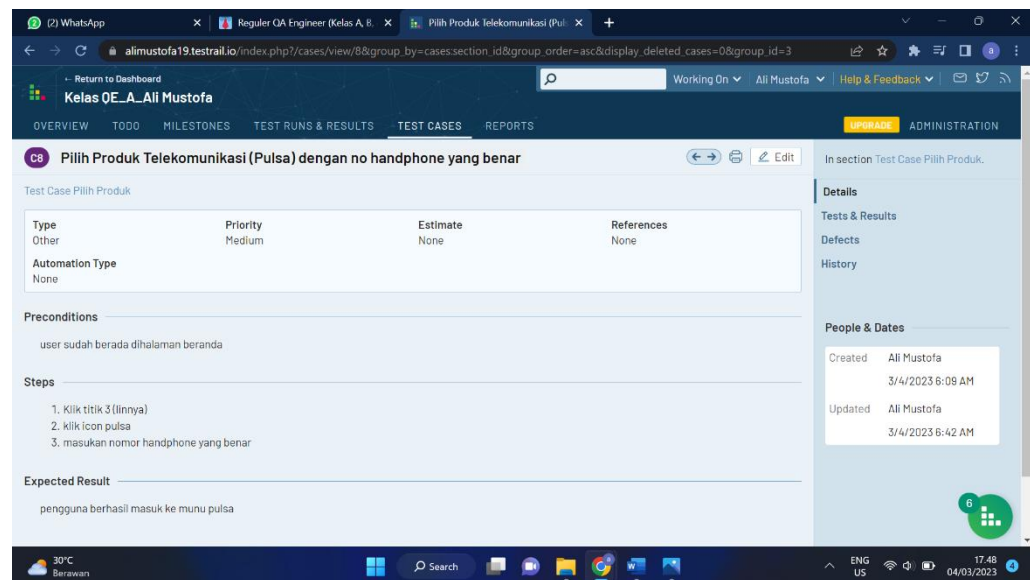
### ❖ Milestone Pilih Produk



## ❖ Test Run Fitur Pilih Produk



## ❖ Test Case Positif Fitur Pilih Produk



WhatsApp Regular QA Engineer (Kelas A. B.) Pilih Produk Bayar Tagihan (Listrik PLN)

Return to Dashboard Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPGRADE ADMINISTRATION

### C9 Pilih Produk Bayar Tagihan (Listrik PLN) dengan id pelanggan yang benar

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type  
None

Preconditions  
user berada di halaman beranda

Steps  
1. klik titik 3 linnya  
2. klik icon bayar tagihan (listrik PLN)  
3. masukan id pelanggan yang benar

Expected Result  
user berhasil masuk ke menu bayar tagihan (listrik PLN)

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 6:15 AM  
Updated Ali Mustofa  
3/4/2023 6:43 AM

30°C Berawan

WhatsApp Regular QA Engineer (Kelas A. B.) Pilih Produk Beli Vocher (Voucher Game)

Return to Dashboard Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPGRADE ADMINISTRATION

### C10 Pilih Produk Beli Vocher (Voucher Game) dengan no handphone yang benar

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type  
None

Preconditions  
User sudah berada di halaman beranda

Steps  
1. klik titik 3 (linnya)  
2. klik icon voucher game  
3. masukan no handphone yang benar

Expected Result  
user berhasil masuk ke menu voucher game

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 6:26 AM  
Updated Ali Mustofa  
3/4/2023 6:43 AM

30°C Berawan

WhatsApp Regular QA Engineer (Kelas A. B.) Pilih produk keuangan (uang elektronik)

Return to Dashboard Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPGRADE ADMINISTRATION

### C11 Pilih produk keuangan (uang elektronik) dengan no handphone benar

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type  
None

Preconditions  
user berada di halaman beranda

Steps  
1. klik titik 3 (linnya)  
2. klik icon uang elektronik  
3. masukan no handphone yang benar

Expected Result  
user berada menu uang elektronik

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 6:50 AM  
Updated Ali Mustofa  
3/4/2023 7:02 AM

30°C Berawan



2) WhatsApp Regular QA Engineer (Kelas A.B.) Pilih produk transportasi (Tiket Kereta)

alimustofa19.testrail.io/index.php?/cases/view/12&group\_by=cases:section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=3

Return to Dashboard Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

C12 Pilih produk transportasi (Tiket Kereta) dengan isian form yang benar

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None
Automation Type	None		

Preconditions

User berada di halaman beranda

Steps

1. klik titik 3 lainnya
2. klik tiket kereta
3. isi form pesanan kereta dengan benar

Expected Result

user berada di halaman pesan tiket kereta

Details

Tests & Results

Defects

History

People & Dates

Created Ali Mustofa 3/4/2023 6:58 AM

Updated Ali Mustofa 3/4/2023 7:03 AM

30°C Barawan

Search

ENG US 17:50 04/03/2023

2) WhatsApp Regular QA Engineer (Kelas A.B.) Pilih produk dana sosial (Sepulsa Berkah)

alimustofa19.testrail.io/index.php?/cases/view/13&group\_by=cases:section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=3

Return to Dashboard Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

C13 Pilih produk dana sosial (Sepulsa Berkah) dengan isian form yang benar

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None
Automation Type	None		

Preconditions

User berada di halaman beranda

Steps

1. klik titik 3 (lainnya)
2. klik icon Sepulsa berkah
3. isi form sesuai ketentuan

Expected Result

user berada menu sepulsa berkah

Details

Tests & Results

Defects

History

People & Dates

Created Ali Mustofa 3/4/2023 7:00 AM

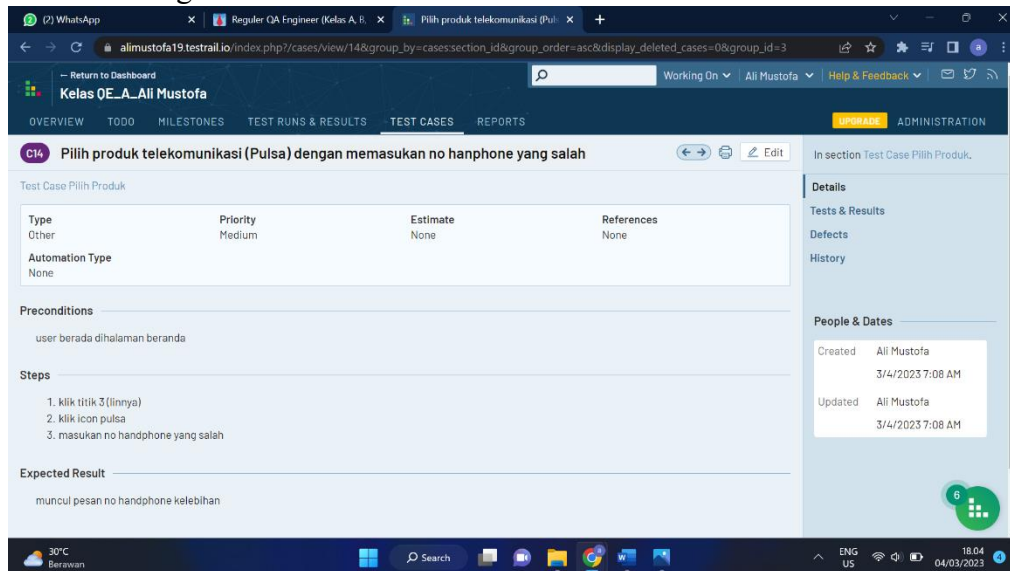
Updated Ali Mustofa 3/4/2023 7:04 AM

30°C Barawan

Search

ENG US 17:51 04/03/2023

## ❖ Test Case Negatif Fitur Pilih Produk



This screenshot shows the Test Case C14 in the TestRail interface. The test case is titled "Pilih produk telekomunikasi (Pulsa) dengan memasukkan no handphone yang salah". It is categorized as "Type: Other" with a "Priority: Medium" and "Estimate: None". The "Automation Type" is set to "None". The "Preconditions" section states "user berada di halaman beranda". The "Steps" section lists three steps: "1. klik titik 3 (linnya)", "2. klik icon pulsa", and "3. masukan no handphone yang salah". The "Expected Result" section states "muncul pesan no handphone kelebihan". The right sidebar shows the "Details" section with "Tests & Results", "Defects", and "History". The "People & Dates" section shows the test case was "Created" and "Updated" by "Ali Mustofa" on "3/4/2023 7:08 AM".

**C14** Pilih produk telekomunikasi (Pulsa) dengan memasukkan no handphone yang salah

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type: None

**Preconditions**

user berada di halaman beranda

**Steps**

1. klik titik 3 (linnya)
2. klik icon pulsa
3. masukan no handphone yang salah

**Expected Result**

muncul pesan no handphone kelebihan

**Details**

Tests & Results

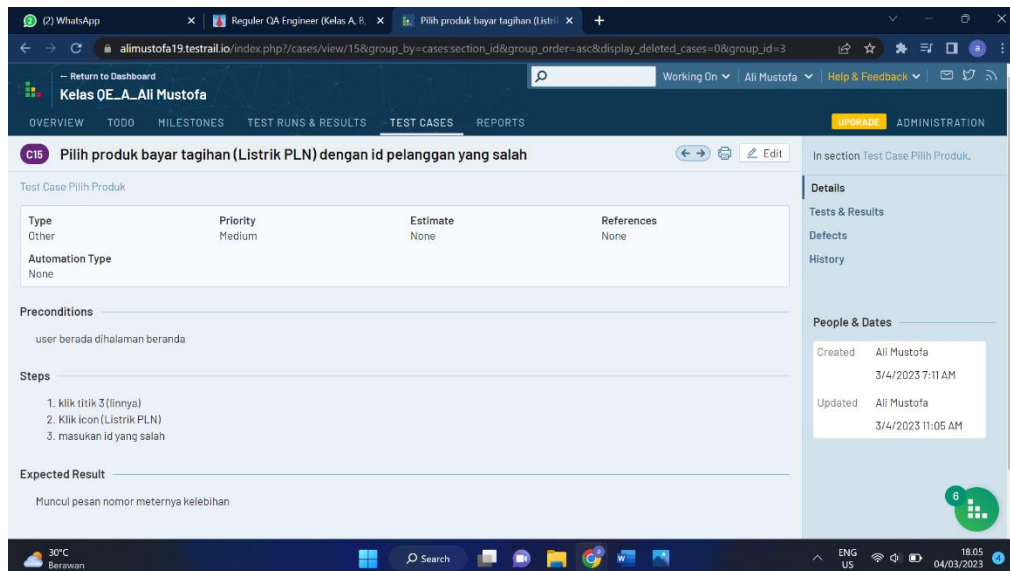
Defects

History

**People & Dates**

Created: Ali Mustofa  
3/4/2023 7:08 AM

Updated: Ali Mustofa  
3/4/2023 7:08 AM



This screenshot shows the Test Case C15 in the TestRail interface. The test case is titled "Pilih produk bayar tagihan (Listrik PLN) dengan id pelanggan yang salah". It is categorized as "Type: Other" with a "Priority: Medium" and "Estimate: None". The "Automation Type" is set to "None". The "Preconditions" section states "user berada di halaman beranda". The "Steps" section lists three steps: "1. klik titik 3 (linnya)", "2. Klik icon (Listrik PLN)", and "3. masukan id yang salah". The "Expected Result" section states "Muncul pesan nomor meternya kelebihan". The right sidebar shows the "Details" section with "Tests & Results", "Defects", and "History". The "People & Dates" section shows the test case was "Created" and "Updated" by "Ali Mustofa" on "3/4/2023 7:11 AM" and "3/4/2023 11:05 AM" respectively.

**C15** Pilih produk bayar tagihan (Listrik PLN) dengan id pelanggan yang salah

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type: None

**Preconditions**

user berada di halaman beranda

**Steps**

1. klik titik 3 (linnya)
2. Klik icon (Listrik PLN)
3. masukan id yang salah

**Expected Result**

Muncul pesan nomor meternya kelebihan

**Details**

Tests & Results

Defects

History

**People & Dates**

Created: Ali Mustofa  
3/4/2023 7:11 AM

Updated: Ali Mustofa  
3/4/2023 11:05 AM



WhatsApp Regular QA Engineer (Kelas A.B.) Pilih produk keuangan (uang elektronik) dengan no handphone yang salah

alimustofa19.testrail.io/index.php/cases/view/17&group\_by=cases.section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=3

Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

**C17** Pilih produk keuangan (uang elektronik) dengan no handphone yang salah

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type  
None

Preconditions  
user berada di halaman dashboard

Steps  
1. klik titik 3 (lainnya)  
2. klik icon uang elektronik  
3. masukan no handphone yang salah

Expected Result  
muncul pesan no handphone kelebihan

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 7:17 AM  
Updated Ali Mustofa  
3/4/2023 7:17 AM

30°C Berawan

WhatsApp Regular QA Engineer (Kelas A.B.) Pilih produk beli voucher (Voucher Game) dengan no handphone yang salah

alimustofa19.testrail.io/index.php/cases/view/16&group\_by=cases.section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=3

Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

**C16** Pilih produk beli voucher (Voucher Game) dengan no handphone yang salah

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type  
None

Preconditions  
user berada di halaman beranda

Steps  
1. klik titik 3 lainnya  
2. klik icon voucher game  
3. masukan no handphone yang salah

Expected Result  
Muncul pesan no handphone kelebihan

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 7:14 AM  
Updated Ali Mustofa  
3/4/2023 7:20 AM

30°C Berawan

WhatsApp Regular QA Engineer (Kelas A.B.) Pilih produk transportasi (Tiket Kereta) dengan mengisi form dengan salah

alimustofa19.testrail.io/index.php/cases/view/18&group\_by=cases.section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=3

Kelas QE\_A\_Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

**C18** Pilih produk transportasi (Tiket Kereta) dengan mengisi form dengan salah

In section Test Case Pilih Produk.

Test Case Pilih Produk

Type	Priority	Estimate	References
Other	Medium	None	None

Automation Type  
None

Preconditions  
user berada di halaman beranda

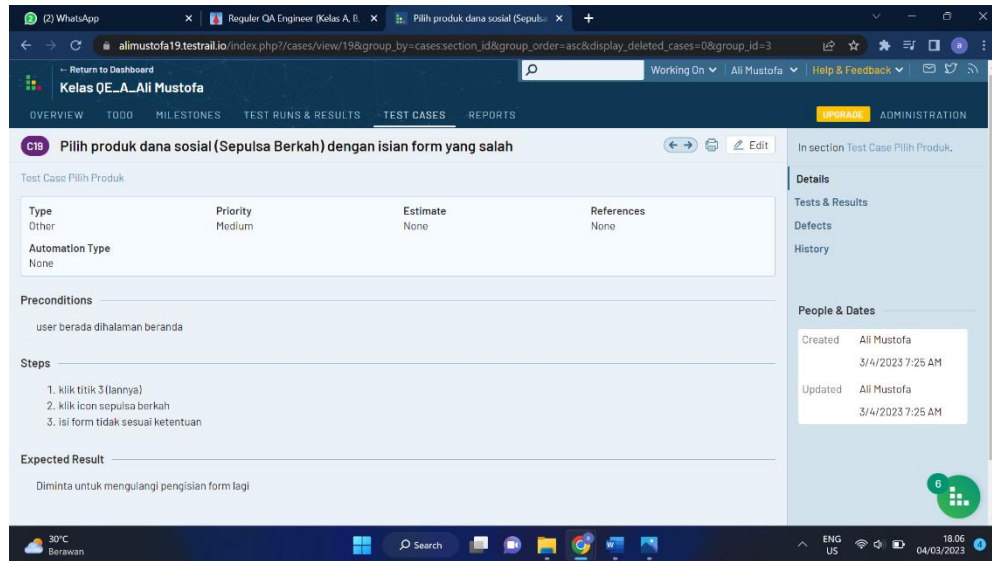
Steps  
1. klik titik 3 (lainnya)  
2. klik icon tiket kereta  
3. isi form dengan salah

Expected Result  
diminta untuk mengulangi pengisian form lagi

Details  
Tests & Results  
Defects  
History

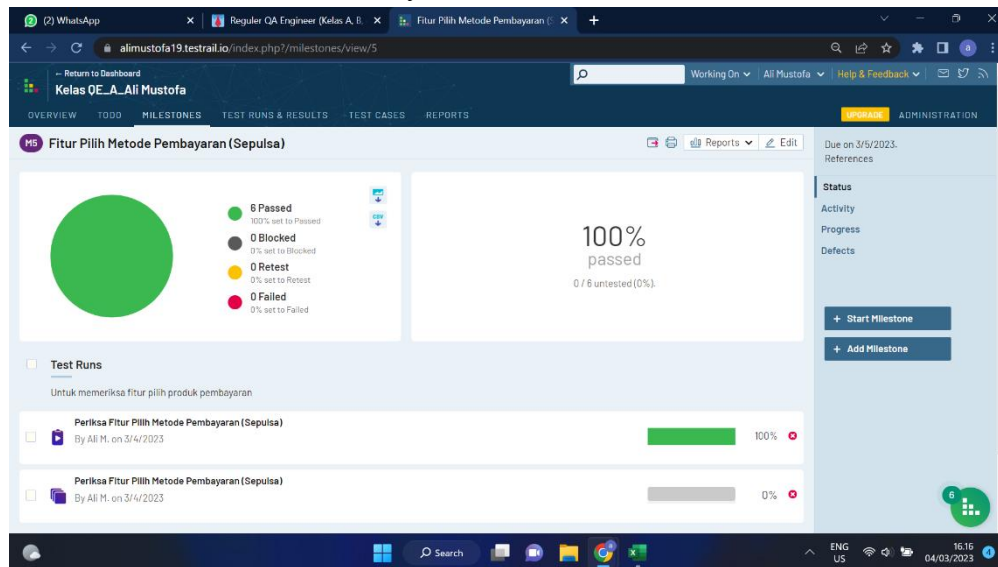
People & Dates  
Created Ali Mustofa  
3/4/2023 7:20 AM  
Updated Ali Mustofa  
3/4/2023 12:19 PM

27°C Berawan

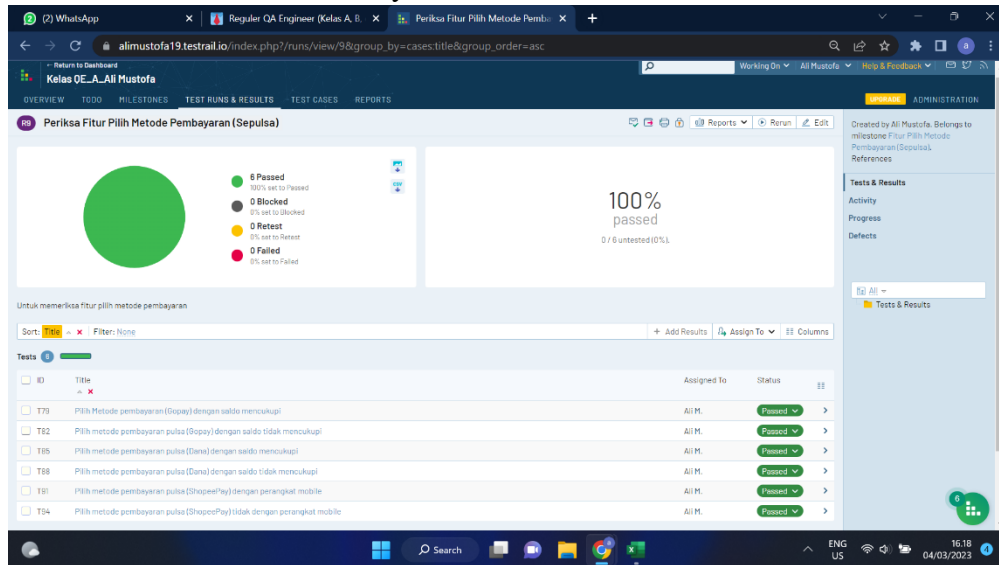


### 3. Fitur Pilih Metode Pembayaran

#### ❖ Milestone Pilih Metode Pembayaran



## ❖ Test Run Pilih Metode Pembayaran



## ❖ Test Case Positif Plih Metode Pembayaran

The screenshot shows the detailed view of a test case titled 'Pilih Metode pembayaran (Gopay) dengan saldo mencukupi'. The test case is categorized as 'Other' with a 'High' priority and 'None' for both estimate and references. The automation type is also 'None'. The preconditions state that the user is on the payment page. The steps are: 1. pilih metode pembayaran (Gopay), 2. klik tombol bayar sekarang, and 3. Scan QR Code. The expected result is 'Pembayaran berhasil diproses'. The right sidebar provides metadata, including the creator 'Ali Mustofa' and the creation time '3/4/2023 7:47 AM'.

Type	Priority	Estimate	References
Other	High	None	None

**Automation Type**  
None

**Preconditions**  
user berada di halaman pembayaran

**Steps**  
1. pilih metode pembayaran (Gopay)  
2. klik tombol bayar sekarang  
3. Scan QR Code

**Expected Result**  
Pembayaran berhasil diproses

**Details**  
Created: Ali Mustofa, 3/4/2023 7:47 AM  
Updated: Ali Mustofa, 3/4/2023 8:11 AM

WhatsApp Regular QA Engineer (Kelas A. B.) Pilih metode pembayaran pulsa

alimustofa19.testrail.io/index.php?/cases/view/22&group\_by=cases:section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=4

Return to Dashboard Kelas QE\_A Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

**C22** Pilih metode pembayaran pulsa (Dana) dengan saldo mencukupi

Test Case Pilih Metode Pembayaran

Type	Priority	Estimate	References
Other	High	None	None

Automation Type  
None

Preconditions  
user berada di halaman pembayaran

Steps  
1. pilih metode pembayaran  
2. klik tombol bayar sekarang  
3. klik tombol bayar

Expected Result  
pembayaran sukses

In section Test Case Pilih Metode Pembayaran.

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 8:08 AM  
Updated Ali Mustofa  
3/4/2023 8:12 AM

30°C Berawan

WhatsApp Regular QA Engineer (Kelas A. B.) Pilih metode pembayaran pulsa

alimustofa19.testrail.io/index.php?/cases/view/24&group\_by=cases:section\_id&group\_order=asc&display\_deleted\_cases=0&group\_id=4

Return to Dashboard Kelas QE\_A Ali Mustofa

OVERVIEW TODO MILESTONES TEST RUNS & RESULTS TEST CASES REPORTS

UPDATE ADMINISTRATION

**C24** Pilih metode pembayaran pulsa (ShopeePay) dengan perangkat mobile

Test Case Pilih Metode Pembayaran

Type	Priority	Estimate	References
Other	High	None	None

Automation Type  
None

Preconditions  
User berada di halaman pembayaran

Steps  
1. klik metode pembayaran  
2. klik tombol bayar sekarang  
3. masukan pin shopee pay dengan benar

Expected Result  
Pembayaran sukses

In section Test Case Pilih Metode Pembayaran.

Details  
Tests & Results  
Defects  
History

People & Dates  
Created Ali Mustofa  
3/4/2023 8:18 AM  
Updated Ali Mustofa  
3/4/2023 8:21 AM

30°C Berawan

## ❖ Test Case Negatif Fitur Pilih Metode pembayaran

This screenshot shows the details of Test Case C21, titled "Pilih metode pembayaran pulsa (Gopay) dengan saldo tidak mencukupi". The interface includes a top navigation bar with tabs for Overview, Todo, Milestones, Test Runs & Results, Test Cases (active), and Reports. A sidebar on the right contains sections for Details, Tests & Results, Defects, History, and People & Dates. The main content area is divided into sections for Preconditions, Steps, and Expected Result.

**Test Case C21: Pilih metode pembayaran pulsa (Gopay) dengan saldo tidak mencukupi**

**Test Case Pilih Metode Pembayaran**

Type	Priority	Estimate	References
Other	High	None	None

Automation Type: None

**Preconditions**

- user berada dihalaman pembayaran

**Steps**

1. pilih metode pembayaran
2. klik tombol bayar sekarang
3. Scan QR code

**Expected Result**

pembayaran gagal

**People & Dates**

Created	Updated
Ali Mustofa 3/4/2023 8:01 AM	Ali Mustofa 3/4/2023 8:12 AM

This screenshot shows the details of Test Case C23, titled "Pilih metode pembayaran pulsa (Dana) dengan saldo tidak mencukupi". The interface is identical to the previous one, with the same navigation and sidebar. The main content area shows the details for this specific test case.

**Test Case C23: Pilih metode pembayaran pulsa (Dana) dengan saldo tidak mencukupi**

**Test Case Pilih Metode Pembayaran**

Type	Priority	Estimate	References
Other	High	None	None

Automation Type: None

**Preconditions**

- user berada dihalaman pembayaran

**Steps**

1. pilih metode pembayaran
2. klik tombol bayar sekarang
3. klik tombol bayar

**Expected Result**

Muncul pesan saldo tidak mencukupi

**People & Dates**

Created	Updated
Ali Mustofa 3/4/2023 8:10 AM	Ali Mustofa 3/4/2023 8:10 AM

This screenshot shows the details of Test Case C25, titled "Pilih metode pembayaran pulsa (ShopeePay) tidak dengan perangkat mobile". The interface is identical to the previous ones, with the same navigation and sidebar. The main content area shows the details for this specific test case.

**Test Case C25: Pilih metode pembayaran pulsa (ShopeePay) tidak dengan perangkat mobile**

**Test Case Pilih Metode Pembayaran**

Type	Priority	Estimate	References
Other	High	None	None

Automation Type: None

**Preconditions**

- user berada dihalaman pembayaran

**Steps**

1. pilih metode pembayaran
2. klik tombol pembayaran

**Expected Result**

Pembayaran tidak bisa diproses

**People & Dates**

Created	Updated
Ali Mustofa 3/4/2023 8:21 AM	Ali Mustofa 3/4/2023 8:21 AM