

11S3112 | Pengujian dan Penjaminan Mutu Perangkat Lunak

## Laporan Proyek

### Pengujian Aplikasi Web

#### Toyota Astra Finance (TAF)

Oleh

NIM / Nama	:	1. 11S16038 / Andre M. Hasibuan 2. 11S16063 / Dolly Lesmana
Nomor Kelompok	:	16
Program Studi	:	Infomatika
Dosen Pengampu	:	1. Dr. Arlinta Christy Barus, ST., M.InfoTech 2. Arie Satia Dharma, S.T., M.Kom
Asisten Dosen	:	1. Apria Theovani Nainggolan, S.Kom 2. Romasi Gohana Sibarani, S.Kom



Fakultas Informatika dan Teknik Elektro

Institut Teknologi Del

T.A. 2019/2020

# 1. Pendahuluan

## 1.1 Behavior Driven Development (BDD)

*Behavior Driven Development* (BDD) merupakan praktik *Agile Testing* yang menyediakan Built in Quality dengan mendefinisikan (berpotensi otomatisasi) pengujian sebelumnya, atau sebagai bagian dari menentukan perilaku sistem. *Behavior Driven Development* (BDD) adalah sebuah proses kolaboratif yang menciptakan pemahaman bersama tentang persyaratan antara bisnis dengan tim *development*.

Tujuannya adalah untuk membantu mengarahkan pengembangan, mengurangi pengerajan ulang dan meningkatkan *flow* (*increase flow*). Dengan mengabaikan fokus pada implementasi internal, pengujian Behavior Driven Development (BDD) adalah scenario yang dihadapi sebuah bisnis yang berupaya menggambarkan perilaku *user*, fitur atau kemampuan dari perspektif pengguna. Saat diotomatisasi, pengujian ini memastikan bahwa sistem terus memenuhi perilaku yang ditentukan bahkan ketika sistem berkembang.

*Tools* yang mendukung kinerja pada *Behavior Driven Development* (BDD) adalah Cucumber, Cucumber merupakan *software* yang digunakan oleh *programmer* untuk menguji *software* lainnya. Cucumber menjalankan tes penerimaan secara otomatis yang ditulis dalam *Behavior Driven Development* (BDD). Dengan menggunakan bahasa Gherkin, Cucumber memungkinkan *software behaviour* dispesifikasi dalam bahasa logis yang dapat dipahami oleh *customer*. Tes Cucumber dibagi menjadi beberapa fitur-fitur dan fitur-fitur ini dibagi menjadi beberapa *scenario*, yang merupakan urutan tahapan *testing*. Sebelum Cucumber dapat melakukan tahapan-tahapan tersebut, tahapan tersebut harus didefinisikan terlebih dahulu melalui definisi tahapan, bagaimana tahapan tersebut harus dilakukan.

## 1.2 Acceptance Test-Driven Development (ATDD)

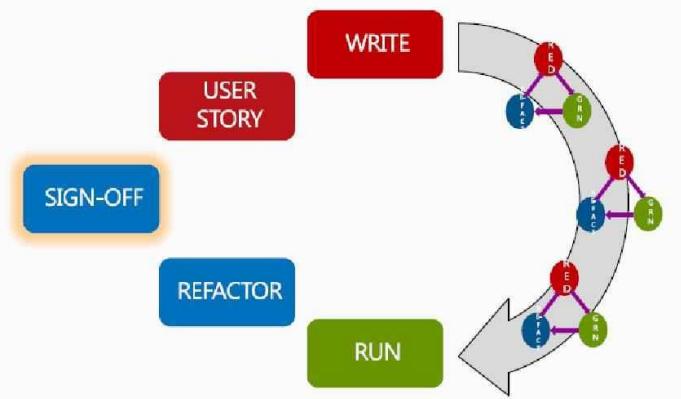
*Acceptance Test-Driven Development* (ATDD) merupakan metodologi pengembangan yang mendasari komunikasi antara *customer* dengan *team developer* dan *tester* dalam membangun sebuah produk. *Acceptance Test-Driven Development* (ATDD) mencakup banyak praktik yang sama dengan *Specification By Example* (SBE), *Behavior Driven Development* (BDD), *Example Driven Development* (EDD) dan *Support Driven Development* yang sering juga disebut *Story Driven Development* (SDD). Semua proses ini membantu *developer* dan *tester* dalam memahami kebutuhan

pelanggan sebelum implementasi dan memungkinkan pelanggan untuk dapat berkomunikasi dalam bahasa domain yang mereka pahami.

Tujuan *Acceptance Test-Driven Development* (ATDD) untuk membantu *project team* menyempurnakan *user story* menjadi *acceptance test* yang terperinci ketika dijalankan dan akan mengkonfirmasi apakah fungsionalitas yang ada sudah bekerja dengan sesuai. Berikut merupakan *flow* yang menggambarkan cara kerja dari *Acceptance Test-Driven Development* (ATDD) sebagai berikut.

## (Acceptance Test Driven Development)

- ▶ Select User Story
- ▶ Write Acceptance Test
- ▶ Implement User Story
- ▶ Run Acceptance Test
- ▶ (Refactor)
- ▶ Get Sign-Off



Tools yang mendukung *Acceptance Test-Driven Development* (ATDD) adalah Robot Framework, Robot Framework merupakan sebuah otomatisasi kerangka uji atau framework yang sifatnya *open source* untuk *accepting testing* dengan menggunakan pendekatan *Acceptance Test-Driven Development* (ATDD). Robot Framework ditulis dengan bahasa pemrograman Python. Robot Framework sendiri dilengkapi dengan berbagai editor, seperti *Robot Framework Integrated Development Environment* (RIDE), dan dengan beberapa *plug-in* yang mendukung IDE dan editor teks seperti *Eclipse*, *IntelliJ*, *Atom*, *TextMate* atau bahkan *Vim*, tidak hanya itu dapat juga menggunakan editor terpisah seperti notepad atau sublime. Nah tidak hanya itu, Robot Framework juga memberikan result yang dapat kita lihat jelas seperti *result.xml*, *report.html*, *log.html*.

### 1.3 Category Partition

*Category Partition Method* adalah teknik pengujian berbasis spesifikasi yang dikembangkan oleh Ostrand dan Balcer. Hal ini dapat membantu *software tester* membuat *test case* dengan menyempurnakan spesifikasi secara fungsional pada suatu program menjadi uji spesifikasi. Ini dapat mengidentifikasi elemen-elemen yang mempengaruhi fungsi-fungsi program dan dapat

menghasilkan *test case* secara *methodically* dan memvariasikan elemen-elemen yang penting yang terdapat didalamnya. Metode ini terdiri dari langkah-langkah sebagai berikut :

1. Uraikan spesifikasi fungsional yang menjadi unit fungsional yang dapat diuji secara independen.
2. Identifikasi parameter (inputan yang eksplisit ke unit fungsional) dan kondisi *environment* (keadaan pada saat dieksekusi) yang dapat mempengaruhi eksekusi perilaku fungsi.
3. Temukan kategori (*major properties* atau *characteristics*) dari informasi yang menjadi ciri-ciri setiap parameter dan *environment condition*.
4. Partisi setiap *category* menjadi pilihan yang mencakup semua jenis *value* yang berbeda yang memungkinkan untuk hal tersebut.
5. Tentukan *constraints* diantara *category* pilihan yang berbeda, sebagai contoh : satu pilihan mungkin mengharuskan yang lain tidak ada atau memiliki nilai tertentu.
6. Menuliskan test specification ( didalamnya terdapat *category*, *choices* and *constraint*) menggunakan *Test Specification Language* (TSL).
7. Gunakan Generator untuk menghasilkan *test frame specification*. Masing-masing menghasilkan *test frame* dari serangkaian *choice* atau pilihan sehingga *category* tidak berkontribusi tidak pada lebih dari satu pilihan.
8. Untuk setiap *test frame* yang dihasilkan, maka buatlah *test case* dengan memilih elemen-elemen dari pilihan dalam *test frame*.

Aspek penting dalam penggerjaan *Category Partition Method* adalah pembangunan *test specification* yang menjadikan perantara antara *functional specification* dan *actual test*. Tujuan hal tersebut dilakukan untuk menerapkan teknik partisi untuk menghasilkan *test specification* yang memenuhi kriteria cakupan dan keefektifan dalam pengujian yang dilakukan. Seperti *Category Partition* diketahui akan menghasilkan lebih banyak kombinasi.

## 2. Implementasi Pengujian

### 2.1 Pembentukan Test Cases

#### 2.1.1 Fungsi Login

- Categories and Choices

Username	Email	Valid
		Invalid

Password	Valid
	Invalid

- Constraints

Tidak ada

- Test Frame

No	Username	Password
1	Email Valid	Password Valid
2	Email Valid	Password Invalid
3	Email Invalid	Password Valid
4	Email Invalid	Password Invalid

- Test Cases yang mengacu kepada Test Frame

No	Username	Password
1	<a href="mailto:admin@local.com">admin@local.com</a>	hello123
2	<a href="mailto:admin@local.com">admin@local.com</a>	Halloha123
3	admin@yahoo.com	hello123
4	admin@yahoo.com	Halloha123

### 2.1.2 Fungsi Search Branch

- Categories and Choices

Filter	Type to filter	Valid
		Invalid

- Constraints

Tidak ada

- Test Frame

Filter	Type to filter	Valid
		Invalid

- Test Cases yang mengacu kepada Test Frame

Filter	Type to filter	Surabaya
		Sipiongot

### 2.1.3 Fungsi Edit Profile

- Categories and Choices

MyProfile	Firstname	Valid
-----------	-----------	-------

- Constraints

First name tidak boleh kosong

- Test Frame

MyProfile	Lastname	Valid
-----------	----------	-------

- Test Cases yang mengacu kepada Test Frame

MyProfile	Lastname	Pusat
-----------	----------	-------

#### 2.1.4 Fungsi Search Draft

- Categories and Choice

Filter	Type to filter	Valid
		Invalid

- Constraints

Tidak ada

- Test Frame

Filter	Type to filter	Valid
		Invalid

- Test Case yang mengacu kepada Test Frame

Filter	Type to filter	sby
		xyz

#### 2.1.5 Fungsi Car Type

- Categories and Choice

Filter	Type to filter	Valid
		Invalid

- Constraints

Tidak ada

- Test Frame

Filter	Type to filter	Valid
		Invalid

- Test Case yang mengacu kepada Test Frame

Filter	Type to filter	vios
		angkot

2.1.6 Fungsi List of User

2.1.7 Fungsi List of Package

2.1.8 Fungsi Report Draft

2.1.9 Fungsi Detail Main

2.1.10 Fungsi Hide Main

## 2.2 Pengujian Menggunakan Cucumber

### 2.2.1 Fungsi Login

#### a. Test Case 1 (Email Valid, Password Valid)

- Scenario

```
@tag1
Scenario: Login Test
    Given open chrome and start application
    When open form login
    When I enter valid username and valid password
    Then I can login successfully
```

- Step Definition

```
package loginTestV1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import cucumber.api.java.en.Given;
import cucumber.api.java.en.Then;
import cucumber.api.java.en.When;

public class LoginTestV1 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form
> div > div:nth-child(2) > input")).click();
    }

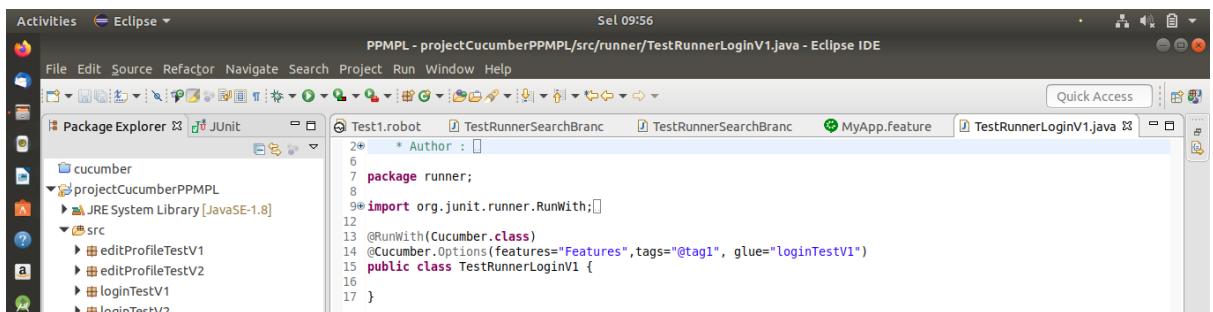
    @When("^I enter valid username and valid password$")
    public void I_enter_valid_username_and_valid_password() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form
> div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form
> div > div:nth-child(3) > input")).sendKeys("hello123");
    }

    @Then("^I can login successfully$")
    public void I_can_login_successfully() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form
> div > div:nth-child(4) > button")).click();
        //driver.close();
    }
}

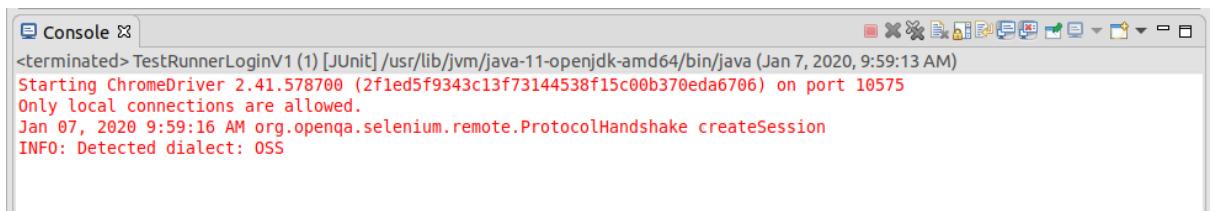
}

```

## - Test Runner

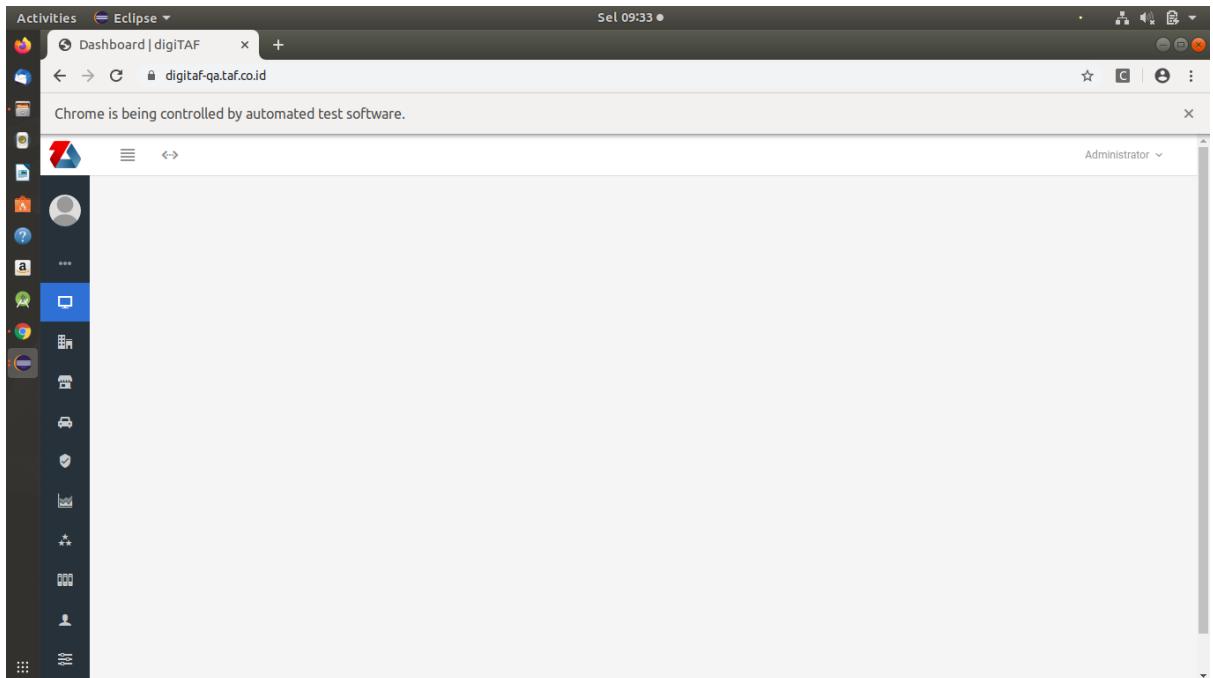


## - Console setelah Running



```
<terminated> TestRunnerLoginV1 (1) [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 9:59:13 AM)
Starting ChromeDriver 2.41.578700 (2f1ed5f9343c13f73144538f15c00b370eda6706) on port 10575
Only local connections are allowed.
Jan 07, 2020 9:59:16 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
```

- Snippet Browser saat Testing



- b. Test Case 2 (Email Valid, Password Invalid)

- Scenario

```
@tag1
Scenario: Login Test
  Given open chrome and start application
  When open form login
  When I enter valid username and valid password
  Then I can login successfully
```

- Step Definition

```

package loginTestV2;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import cucumber.api.java.en.Given;
import cucumber.api.java.en.Then;
import cucumber.api.java.en.When;

public class LoginTestV2 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^I enter valid username and valid password$")
    public void I_enter_valid_username_and_valid_password() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");

        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(3) > input")).sendKeys("admin123");
    }
}

```

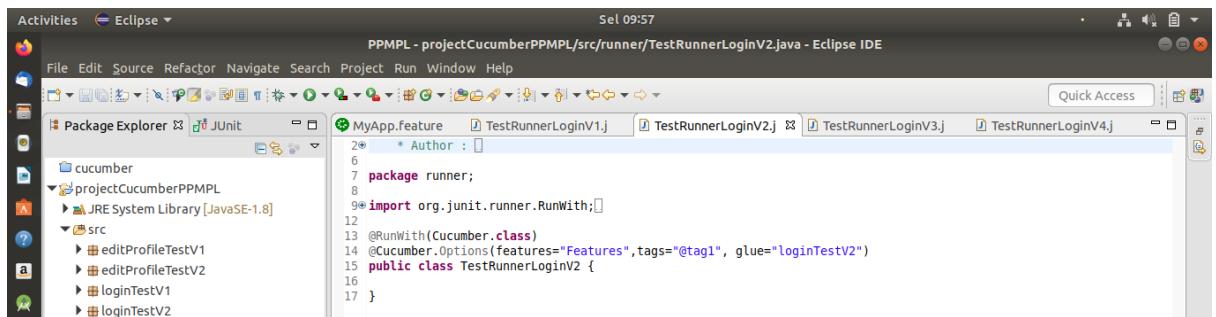
```

    }

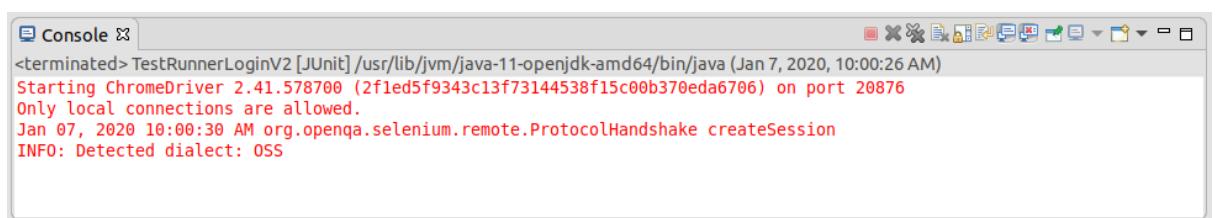
    @Then("^I can login successfully$")
    public void I_can_login_successfully() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(4) > button")).click();
        //driver.close();
    }
}

```

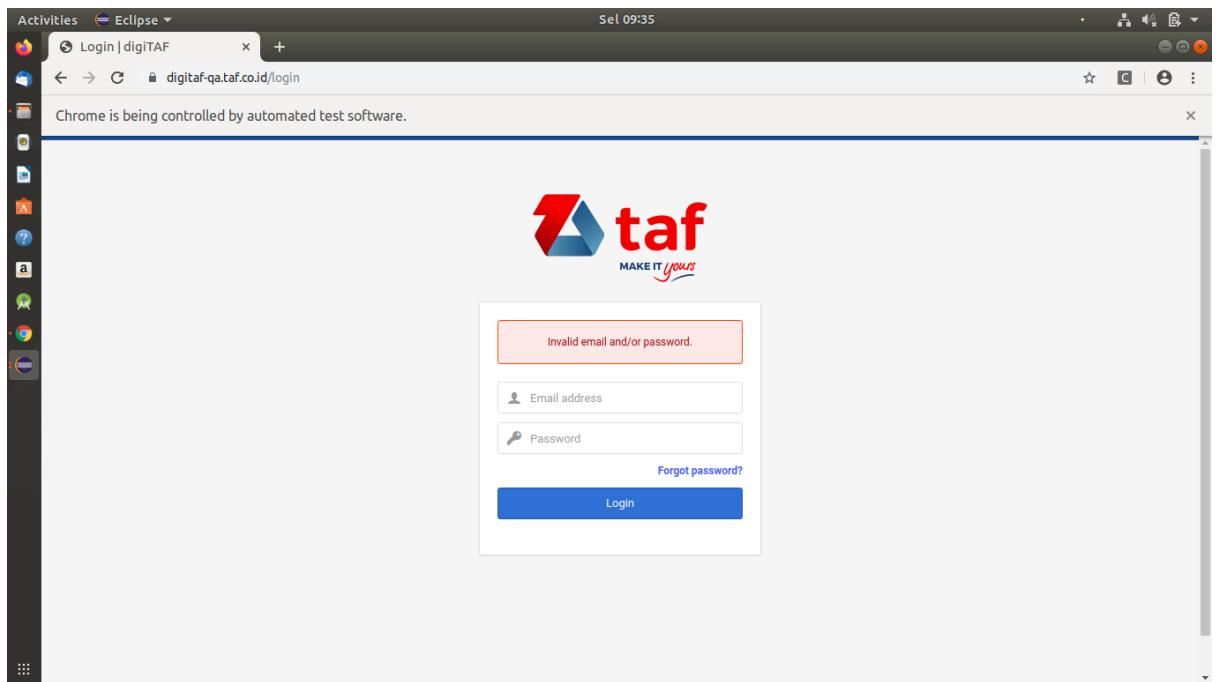
- Test Runner



- Console setelah Running



- Snippet Browser saat Testing



c. Test Case 3 (Email Invalid. Password Valid)

- Scenario

```
@tag1
Scenario: Login Test
    Given open chrome and start application
    When open form login
    When I enter valid username and valid password
    Then I can login successfully
```

- Step Definition

```
package loginTestV3;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import cucumber.api.java.en.Given;
import cucumber.api.java.en.Then;
import cucumber.api.java.en.When;

public class LoginTestV3 {
```

```

    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

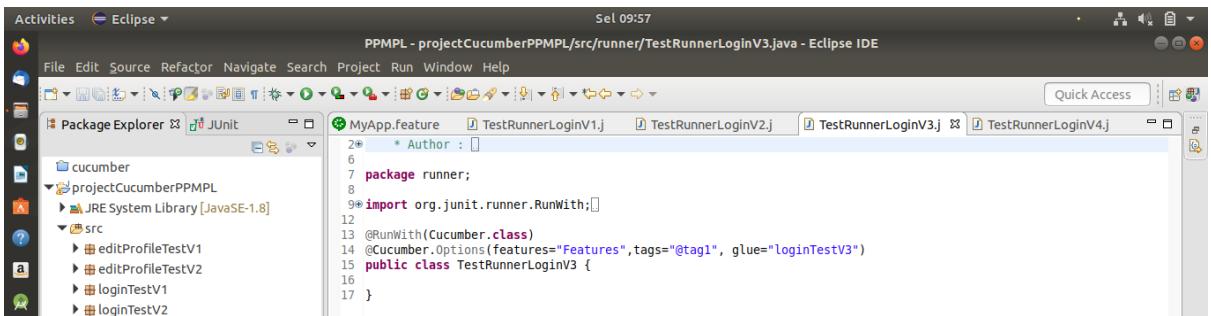
    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^I enter valid username and valid password$")
    public void I_enter_valid_username_and_valid_password() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@hello.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
    }

    @Then("^I can login successfully$")
    public void I_can_login_successfully() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(4) > button")).click();
        //driver.close();
    }
}

```

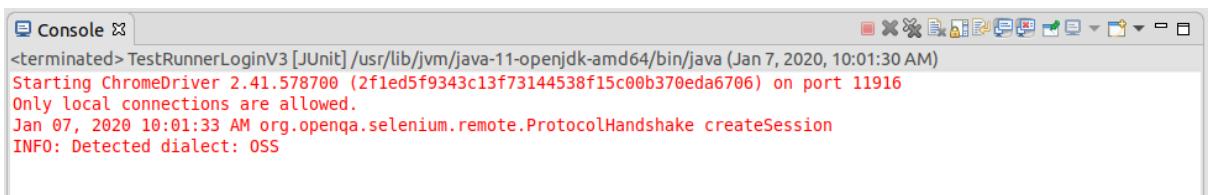
- Test Runner



The screenshot shows the Eclipse IDE interface with the title bar "PPMPL - projectCucumberPPMPL/src/runner/TestRunnerLoginV3.java - Eclipse IDE". The status bar at the bottom left says "Sel 09:57". The Package Explorer view on the left shows a project structure with a "cucumber" folder and a "src" folder containing several test files: editProfileTestV1, editProfileTestV2, loginTestV1, and loginTestV2. The main editor window displays the Java code for "TestRunnerLoginV3.java".

```
26 * Author : 
27 package runner;
28 import org.junit.runner.RunWith;
29 @RunWith(Cucumber.class)
30 @Cucumber.Options(features="Features",tags="@tag1", glue="loginTestV3")
31 public class TestRunnerLoginV3 {
32 }
33 }
```

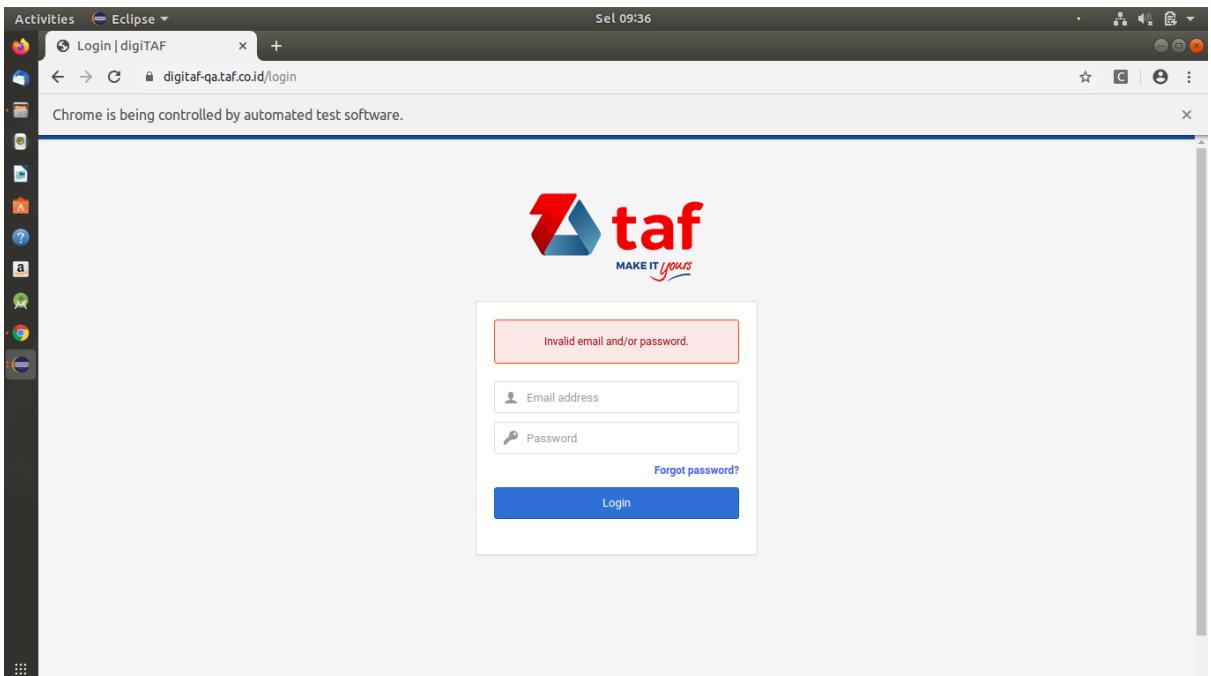
- Console setelah Running



The screenshot shows the Eclipse Console window with the title "Console". The log output indicates the test was run using JUnit, starting the ChromeDriver on port 11916, and creating a session. It also shows the detection of the OSS dialect.

```
<terminated>TestRunnerLoginV3 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 10:01:30 AM)
Starting ChromeDriver 2.41.578700 (2fied5f9343c13f73144538f15c00b370eda6706) on port 11916
Only local connections are allowed.
Jan 07, 2020 10:01:33 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
```

- Snippet Browser saat Testing



- d. Test Case 4 (Email Invalid, Password Invalid)

- Scenario

```

@tag1
Scenario: Login Test
    Given open chrome and start application
    When open form login
    When I enter valid username and valid password
    Then I can login successfully

```

- Step Definition

```

package loginTestV4;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import cucumber.api.java.en.Given;
import cucumber.api.java.en.Then;
import cucumber.api.java.en.When;

public class LoginTestV4 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).click();
    }
}

```

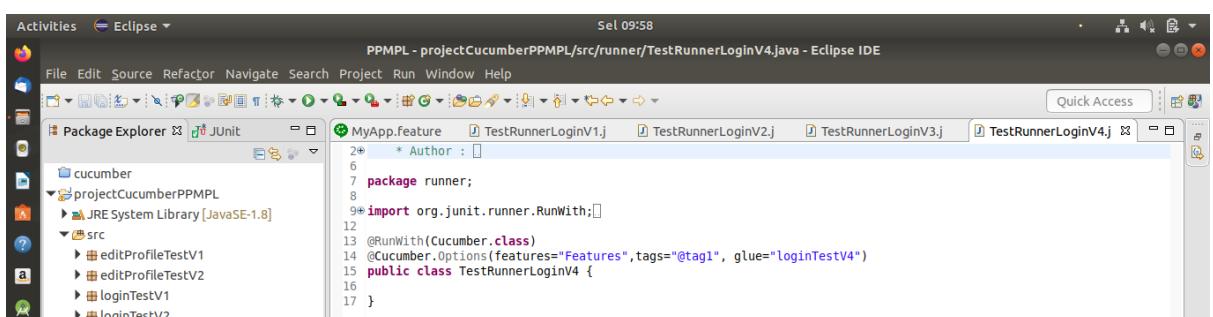
```

    @When("^I enter valid username and valid password$")
    public void I_enter_valid_username_and_valid_password() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@hello.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(3) > input")).sendKeys("admin123");
    }

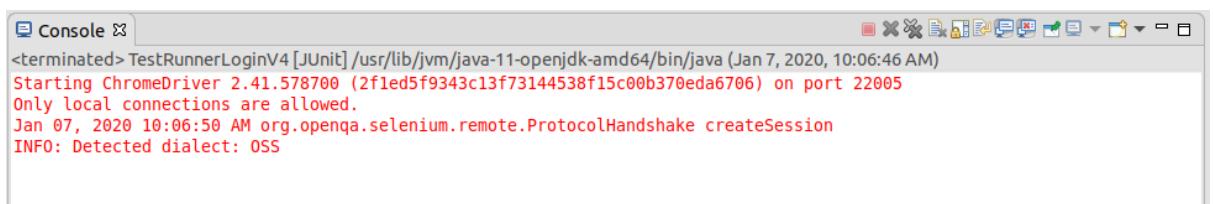
    @Then("^I can login successfully$")
    public void I_can_login_successfully() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(4) > button")).click();
        //driver.close();
    }
}

```

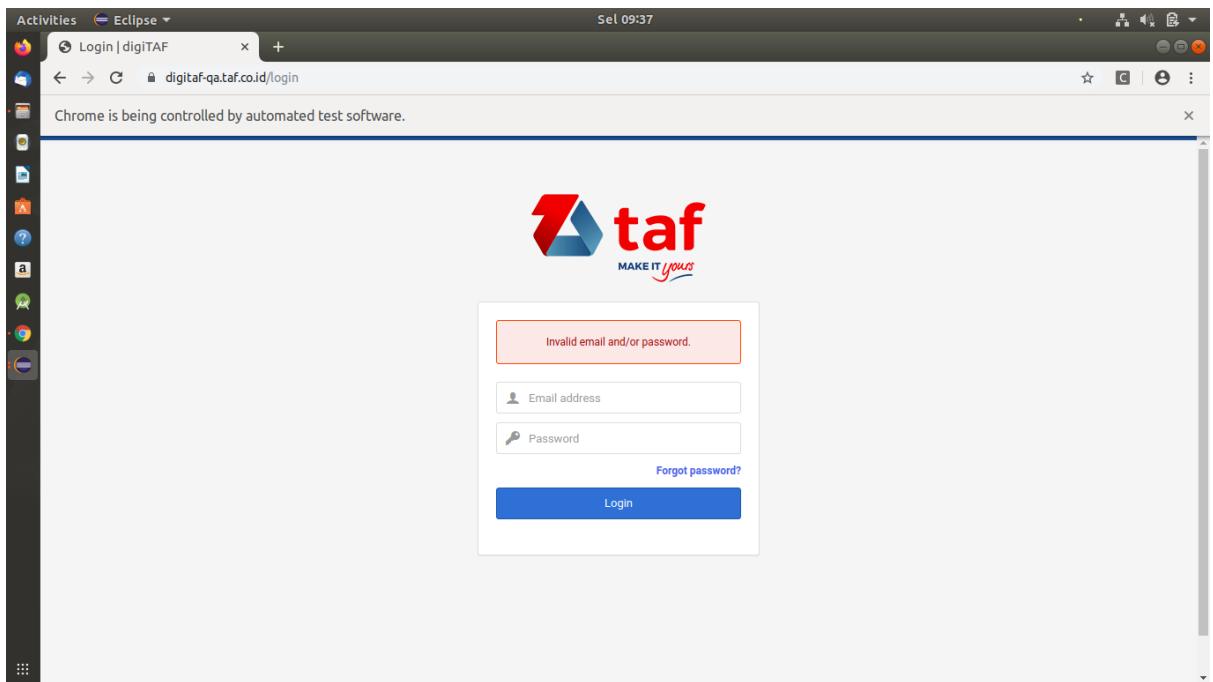
- Test Runner



- Console setelah Running



- Snippet Browser saat Testing



## 2.2.2 Fungsi Search Branch

### a. Test Case 1 (Valid)

- Scenario

```
@tag2
Scenario: Search Branch Test
    Given open chrome and start application
    When open form login
    When I enter valid username and valid password
    Then I do search branch
```

- Step Definition

```
package searchBranchTestV1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class SearchBranchTestV1 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^I enter username valid and password valid$")
    public void I_enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I do to search branch$")
    public void I_do_to_search_branch() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[3]/a"));
        action.moveToElement(btn).perform();
        driver.findElement(By.cssSelector("body > div.page-container > div >
div.sidebar.sidebar-main > div > div.sidebar-category.sidebar-category-visible > div > ul >
li:nth-child(3) > ul > li > a")).click();
        driver.findElement(By.cssSelector("#DataTables_Table_0_filter > label >
input[type=search]")).sendKeys("surabaya");
    }

}

```

- Test Runner

```

Sel 09:49
PPML - projectCucumberPPML/src/runner/TestRunnerSearchBranchV1.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer JUnit 3
Test1.robot MyApp.feature TestRunnerSearchBranchV1.java TestRunnerSearchBranchV2.java
Finished after 12.17 seconds
Runs: 4/4 Errors: 0 Failures: 0
2 * Author : 
3 package runner;
4 import org.junit.runner.RunWith;
5 @RunWith(Cucumber.class)
6 @Cucumber.Options(features="Features",tags="@tag2", glue="searchBranchTestV1")
7 public class TestRunnerSearchBranchV1 {
8
9 }
10
11
12
13
14
15
16
17

```

- Console setelah Running

```

Console
<terminated> TestRunnerSearchBranchV2 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 9:40:52 AM)
Starting ChromeDriver 2.41.578700 (2f6e5f9343c13f73144538f15c00b370eda6706) on port 10257
Only local connections are allowed.
Jan 07, 2020 9:40:56 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS

```

- Snippet Browser saat Testing

Code	Branch Name	Rate Area	Insurance Area	Status	Confirms	Actions
0003	SURABAYA - MERR	AREA 1	Region3	ACTIVE	ACTIVE	<a href="#">Edit</a>
0048	SURABAYA - PUNCAK PERMAI	AREA 1	Region3	ACTIVE	ACTIVE	<a href="#">Edit</a>

Showing 1 to 2 of 2 entries (filtered from 48 total entries)

- b. Test Case 2 (Invalid)

- Scenario

```
@tag2
Scenario: Search Branch Test
  Given open chrome and start application
  When open form login
  When I enter valid username and valid password
  Then I do search branch
```

- Step Definition

```
package searchBranchTestV2;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class SearchBranchTestV2 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application_again() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^I enter username valid and password valid$")
    public void I_enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I do to search branch$")
    public void I_do_to_search_branch() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[3]/a"));
        action.moveToElement(btn).perform();
        driver.findElement(By.cssSelector("body > div.page-container > div >
div.sidebar.sidebar-main > div > div.sidebar-category.sidebar-category-visible > div > ul >
li:nth-child(3) > ul > li > a")).click();
        driver.findElement(By.cssSelector("#DataTables_Table_0_filter > label >
input[type=search]")).sendKeys("sipiongot");
    }

}

```

- Test Runner

The screenshot shows the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The title bar indicates "PPML - projectCucumberPPML/src/runner/TestRunnerSearchBranchV2.java - Eclipse IDE". The left sidebar has a "Package Explorer" tab showing a file named "TestRunnerSearchBranchV2.java" with a status message "Finished after 12.17 seconds" and statistics "Runs: 4/4 Errors: 0 Failures: 0". The main workspace contains two tabs: "Test1.robot" and "TestRunnerSearchBranchV2.java". The code editor displays the following Java code:

```

1 * Author : []
2 package runner;
3 import org.junit.runner.RunWith;
4 @RunWith(Cucumber.class)
5 @Cucumber.Options(features="Features",tags="@tag2", glue="searchBranchTestV2")
6 public class TestRunnerSearchBranchV2 {
7 }

```

- Console setelah Running

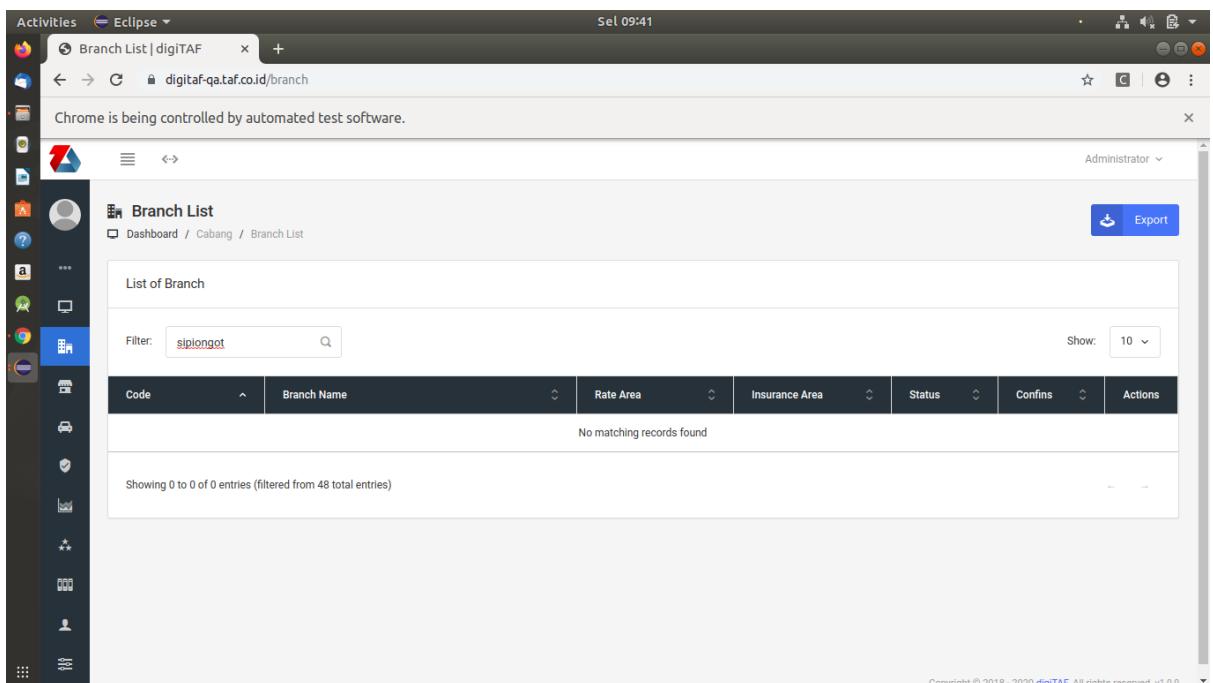
The screenshot shows the Eclipse Console view. The output window displays the following log messages:

```

<terminated> TestRunnerSearchBranchV2 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 9:40:52 AM)
Starting ChromeDriver 2.41.578700 (2f1ed5f9343c13f73144538f15c00b370eda6706) on port 10257
Only local connections are allowed.
Jan 07, 2020 9:40:56 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS

```

- Snippet Browser saat Testing



### 2.2.3 Fungsi Edit Profile

- a. Test Case 1 (Firstname ditambah, Lastname kosong)
- Scenario

```
@tag3
Scenario: Edit Profile Test
  Given open chrome and start application
  When open form login
  When enter username valid and password valid
  Then I do to edit profile
```

- Step Definition

```
package editProfileTestV1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class EditProfileTestV1 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).click();
    }
}
```

```

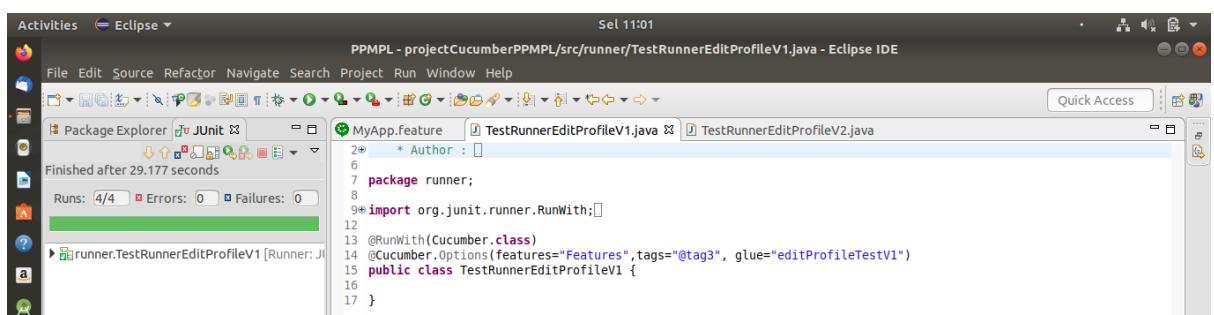
    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I do to edit profile$")
    public void I_do_to_edit_profile() throws Throwable {
        driver.findElement(By.xpath("//html/body/div[3]/div/div[1]/div/div[1]/div/div/a/img")).click();
        driver.findElement(By.xpath("//*[@id='firstname']")).sendKeys(" Pusat");

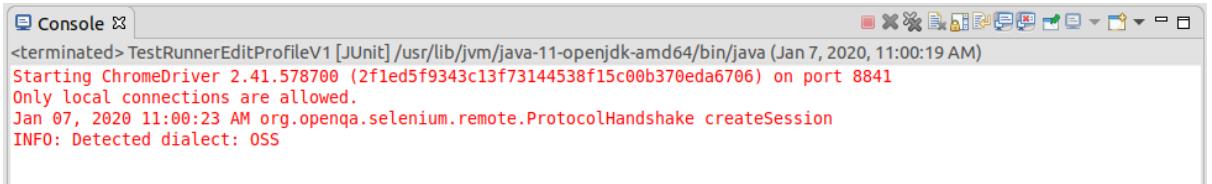
        driver.findElement(By.xpath("//html/body/div[3]/div/div[2]/div[2]/form/div/div[2]/div/button")).click();
    }
}

```

- Test Runner

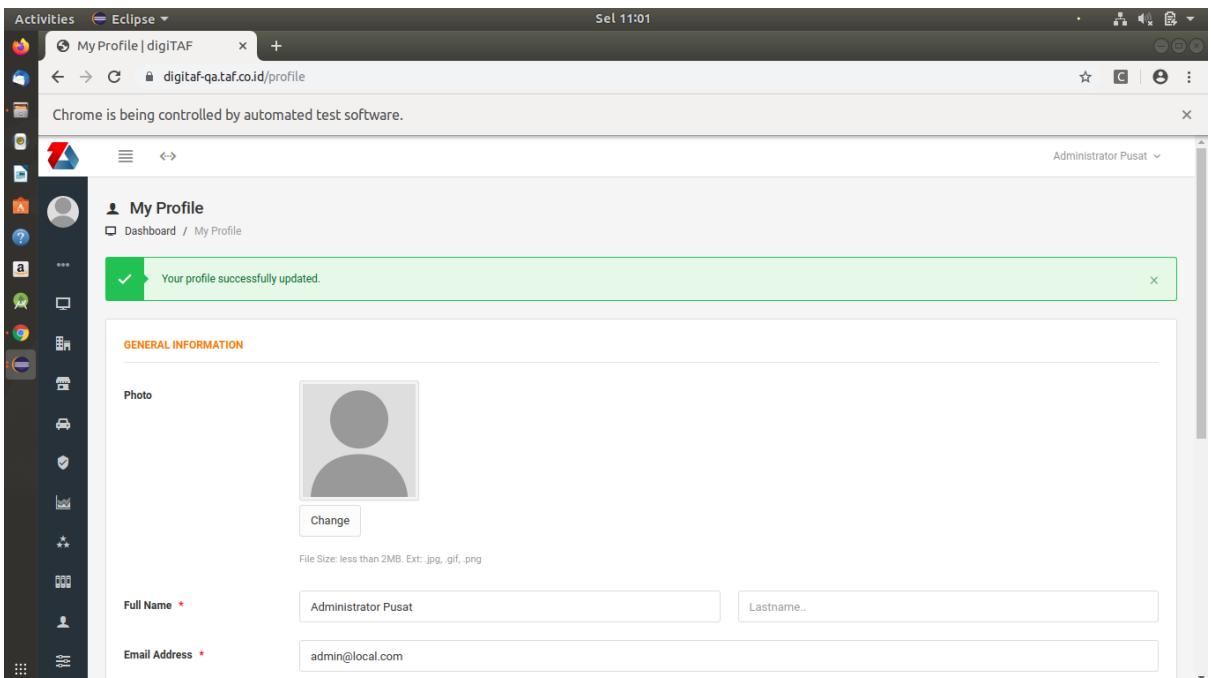


- Console setelah Running



```
<terminated> TestRunnerEditProfileV1 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 11:00:19 AM)
Starting ChromeDriver 2.41.578700 (2fied5f9343c13f73144538f15c00b370eda6706) on port 8841
Only local connections are allowed.
Jan 07, 2020 11:00:23 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
```

- Snippet Browser saat Testing



- a. Test Case 2 (Firstname tetap, Lastname ditambah)

- Scenario

```
@tag3
Scenario: Edit Profile Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then I do to edit profile
```

- Step Definition

```

package editProfileTestV2;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class EditProfileTestV2 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");

        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
    }
}

```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
        div > form > div > div:nth-child(4) > button")).click();

    }

    @Then("^I do to edit profile$")
    public void I_do_to_edit_profile() throws Throwable {

        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[1]/div/a/img
        ")).click();

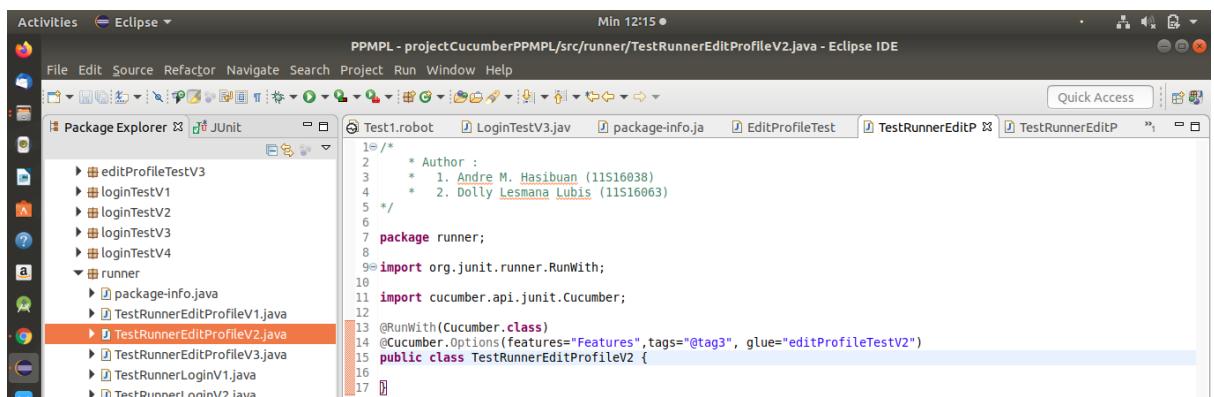
        driver.findElement(By.xpath("//*[@id='lastname']").sendKeys(" Pusat");

        driver.findElement(By.xpath("/html/body/div[3]/div/div[2]/div[2]/form/div/div[2]/di
        v/button")).click();
    }

}

```

- Test Runner



```

Activities Eclipse Min 12:15 ●
PPMPL - projectCucumberPPMPL/src/runner/TestRunnerEditProfileV2.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access
Package Explorer JUnit
Test1.robot LoginTestV3.java package-info.java EditProfileTest TestRunnerEditP TestRunnerEditP
1 /**
2 * Author :
3 * 1. Andre M. Hasibuan (11S16038)
4 * 2. Dolly Lesmana Lubis (11S16063)
5 */
6
7 package runner;
8
9 import org.junit.runner.RunWith;
10
11 import cucumber.api.junit.Cucumber;
12
13 @RunWith(Cucumber.class)
14 @Cucumber.Options(features="Features",tags="@tag3", glue="editProfileTestV2")
15 public class TestRunnerEditProfileV2 {
16
17 }

```

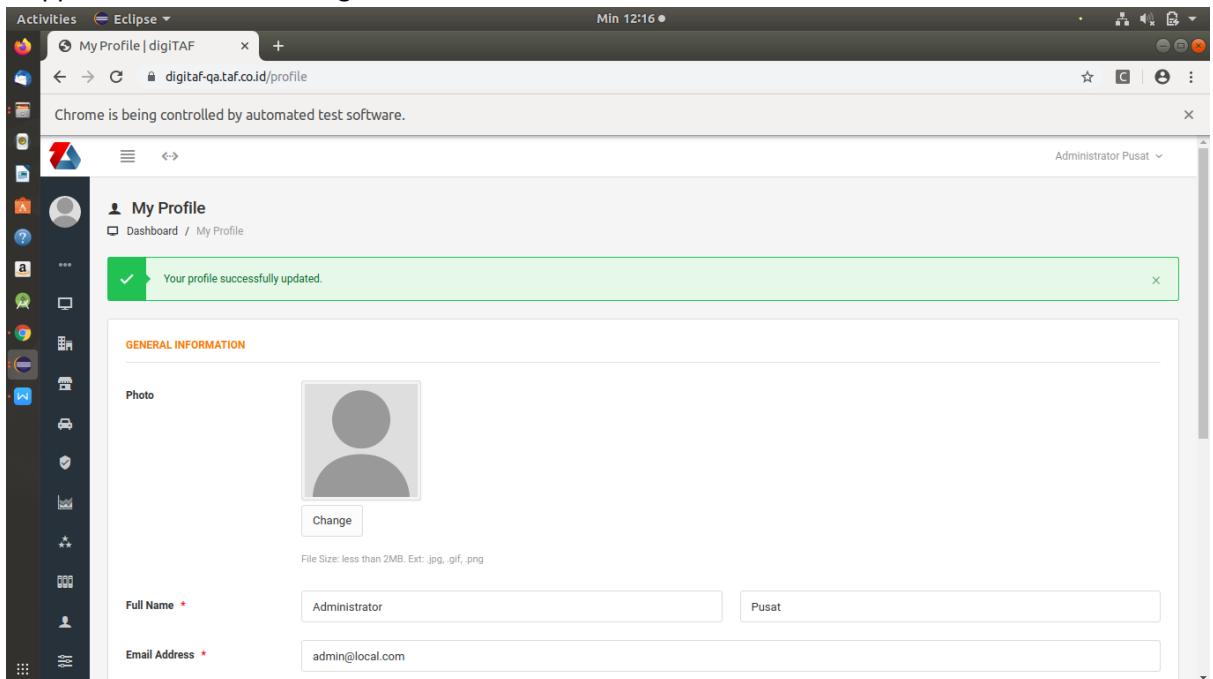
- Console setelah Running

```

<terminated> TestRunnerEditProfileV2 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 12, 2020, 12:15:46 PM)
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by cucumber.deps.com.thoughtworks.xstream.converters.collections.TreeMapConverter (file
WARNING: Please consider reporting this to the maintainers of cucumber.deps.com.thoughtworks.xstream.converters.collection
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
Starting ChromeDriver 2.41.578700 (2fled5f9343c13f73144538f15c00b370eda6706) on port 14802
Only local connections are allowed.
Jan 12, 2020 12:15:50 PM org.openqa.selenium.ProtocolHandshake createSession
INFO: Detected dialect: OSS

```

- Snippet Browser saat Testing



- c. Test Case 3 (Firstname kosong, Lastname kosong)

- Scenario

```

@tag3
Scenario: Edit Profile Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then I do to edit profile

```

- Step Definition

```
package editProfileTestV3;
```

```

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class EditProfileTestV3 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver",
        "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable
    {
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
    }
}

```

```

        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");

        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(4) > button")).click();

    }

    @Then("^I do to edit profile$")
    public void I_do_to_edit_profile() throws Throwable {

        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[1]/div/div/a/img
")).click();

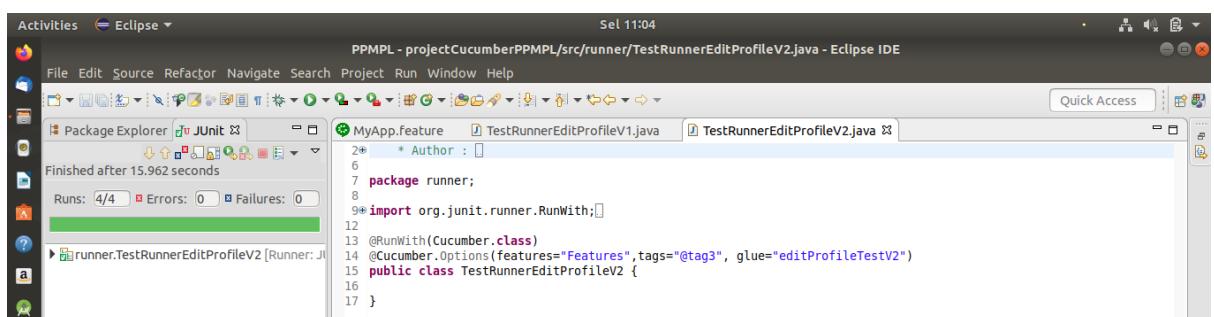
        driver.findElement(By.xpath("//*[@id=\"firstname\"]")).clear();

        driver.findElement(By.xpath("/html/body/div[3]/div/div[2]/div[2]/form/div/div[2]/di
v/button")).click();
    }

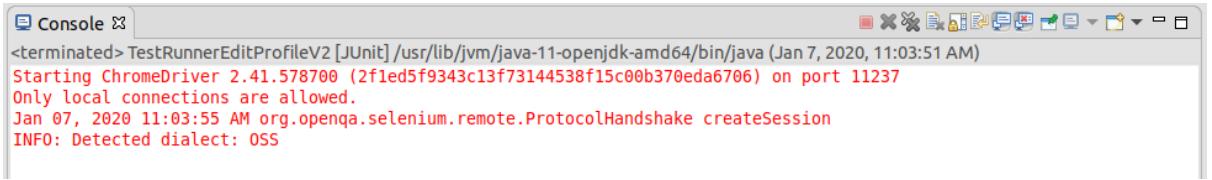
}

```

- Test Runner

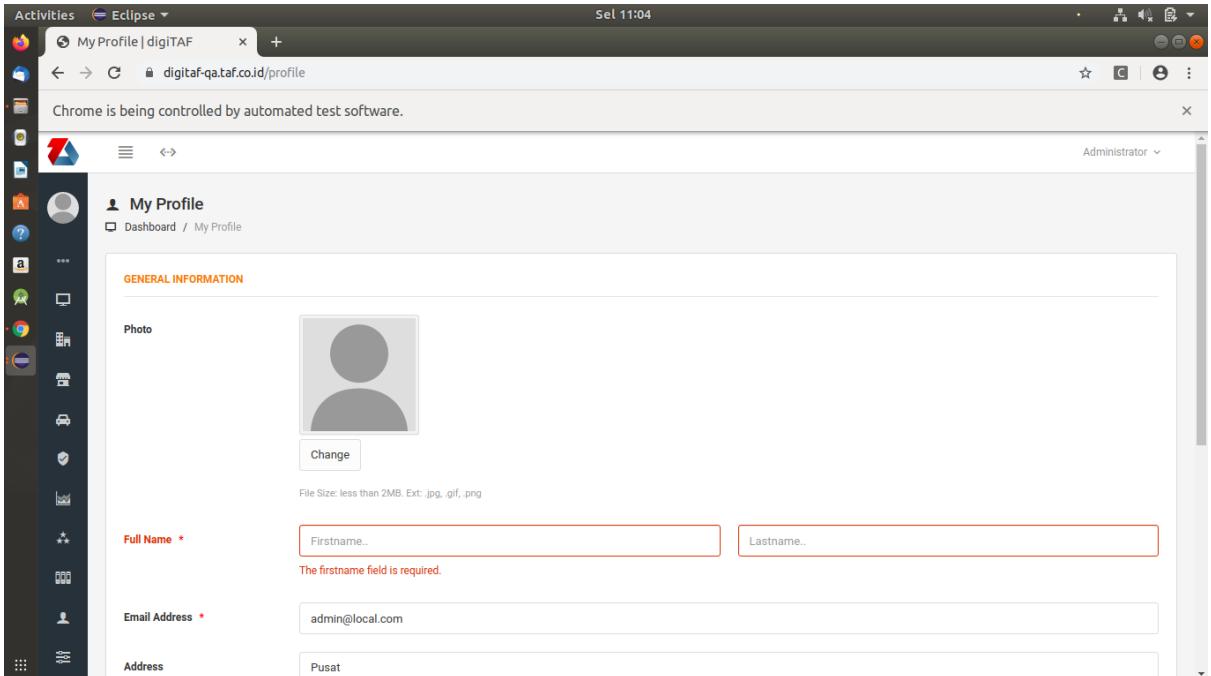


- Console setelah Running



```
<terminated> TestRunnerEditProfileV2 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 11:03:51 AM)
Starting ChromeDriver 2.41.578700 (2fied5f9343c13f73144538f15c00b370eda6706) on port 11237
Only local connections are allowed.
Jan 07, 2020 11:03:55 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
```

- Snippet Browser saat Testing



#### 2.2.4 Fungsi Search Draft

- a. Test Case 1 (Valid)

- Scenario

```
@tag4
Scenario: Search Draft Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then i do to search draft
```

- Step Definition

```

package searchDraftTestV1;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class SearchDraftTestV1 {
    WebDriver driver;

    @Given("^open chrome and start application")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
    }
}

```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(3) > input")).sendKeys("hello123");

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(4) > button")).click();

    }

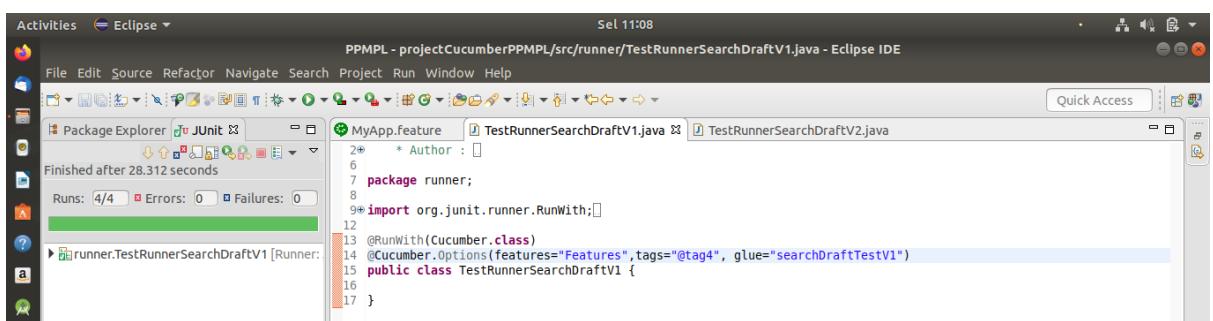
    @Then("^i do to search draft$")
    public void i_do_to_search_draft() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
driver.findElement(By.xpath("//html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/a/i"));
        action.moveToElement(btn).perform();

        driver.findElement(By.xpath("//html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/ul/
li[1]/a")).click();

        driver.findElement(By.xpath("//html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]
]/div[1]/label/input")).sendKeys("sby");
    }
}

```

- Test Runner



- Console setelah Running

```

Console
<terminated> TestRunnerSearchDraftV1 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 11:07:12 AM)
Starting ChromeDriver 2.41.578700 (2f1ed5f9343c13f73144538f15c00b370eda6706) on port 28095
Only local connections are allowed.
Jan 07, 2020 11:07:16 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS

```

- Snippet Browser saat Testing

Submit Date	User	Dealer	Last Updated	Actions
09/10/2019 16:39	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 16:39	<a href="#">View Detail</a>
09/10/2019 16:37	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 16:37	<a href="#">View Detail</a>
09/10/2019 15:19	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 15:19	<a href="#">View Detail</a>
20/08/2019 15:37	ANIS AUNUR AZIZI	ASRI MOTOR - SBY SIDOARJO	25/09/2019 09:57	<a href="#">View Detail</a>
02/08/2019 17:58	ANIS AUNUR AZIZI	AUTO 2000 - SBY KENJERAN	05/08/2019 15:29	<a href="#">View Detail</a>
02/08/2019 17:17	ANIS AUNUR AZIZI	AUTO 2000 - SBY KERTAJAYA	02/08/2019 17:28	<a href="#">View Detail</a>
02/08/2019 16:54	ANIS AUNUR AZIZI	AUTO 2000 - SBY KERTAJAYA	05/08/2019 13:57	<a href="#">View Detail</a>

- b. Test Case 2 (Invalid)

- Scenario

```

@tag4
Scenario: Search Draft Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then i do to search draft

```

- Step Definition

```
package searchDraftTestV2;
```

```

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class SearchDraftTestV2 {
    WebDriver driver;

    @Given("^open chrome and start application")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");

        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
    }
}

```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(4) > button")).click();

    }

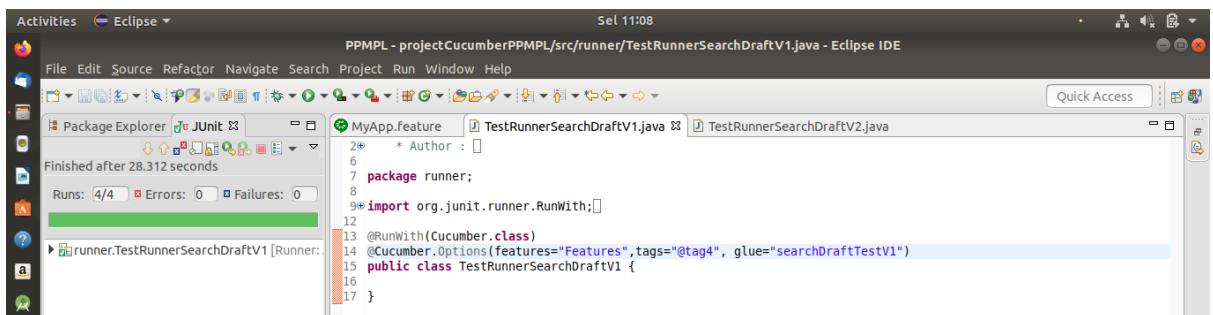
    @Then("^i do to search draft$")
    public void i_do_to_search_draft() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/a/i"));
        action.moveToElement(btn).perform();

        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/ul/
li[1]/a")).click();

        driver.findElement(By.xpath("/html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]
]/div[1]/label/input")).sendKeys("xyz");
    }
}

```

- Test Runner



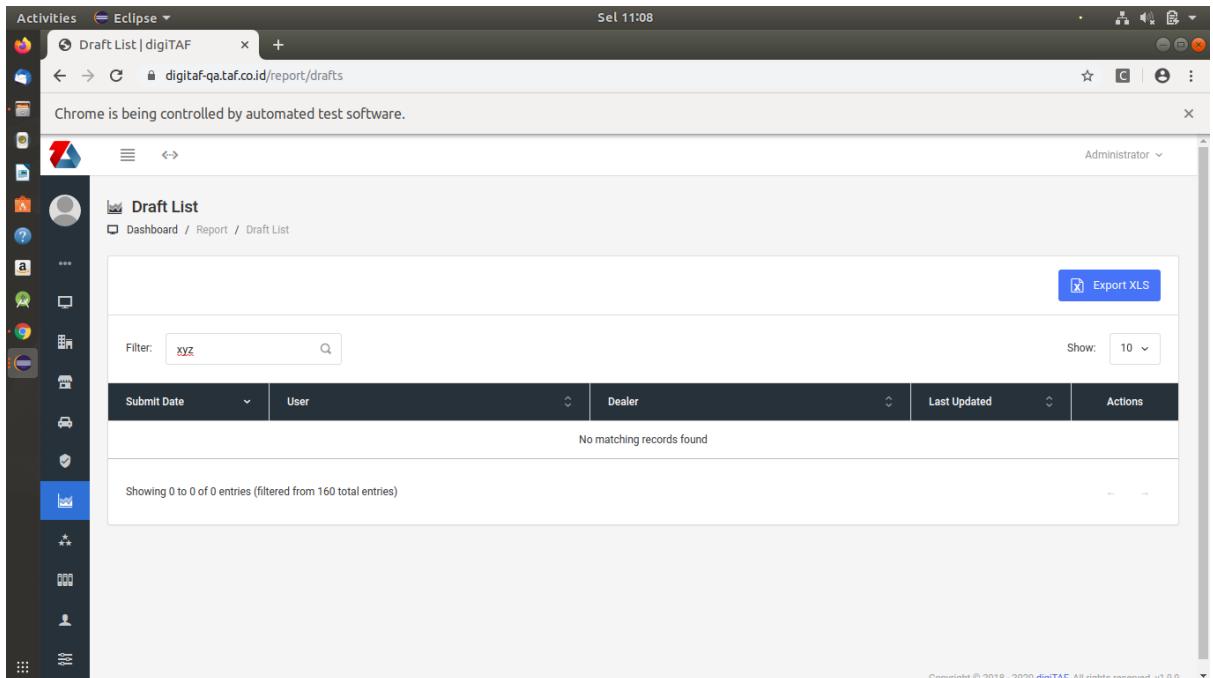
- Console setelah Running

```

Console
<terminated> TestRunnerSearchDraftV2 [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 11:08:29 AM)
Starting ChromeDriver 2.41.578700 (2f1ed5f9343c13f73144538f15c00b370eda6706) on port 16457
Only local connections are allowed.
Jan 07, 2020 11:08:32 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS

```

- Snippet Browser saat Testing



## 2.2.5 Fungsi Search Car Type

- a. Test Case 1 (Valid)

- Scenario

**@tag5**

**Scenario: Search Car Type Test**

Given open chrome and start application

When open form login

When enter username valid and password valid

Then I do to search car type

- Step Definition

```
package searchCarTypeTestV1;
```

```
import org.openqa.selenium.By;
```

```

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class SearchCarTypeTestV1 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
    }
}

```

```

        driver.findElement(By.cssSelector("body > div.page-container > div > div >
div > form > div > div:nth-child(4) > button")).click();

    }

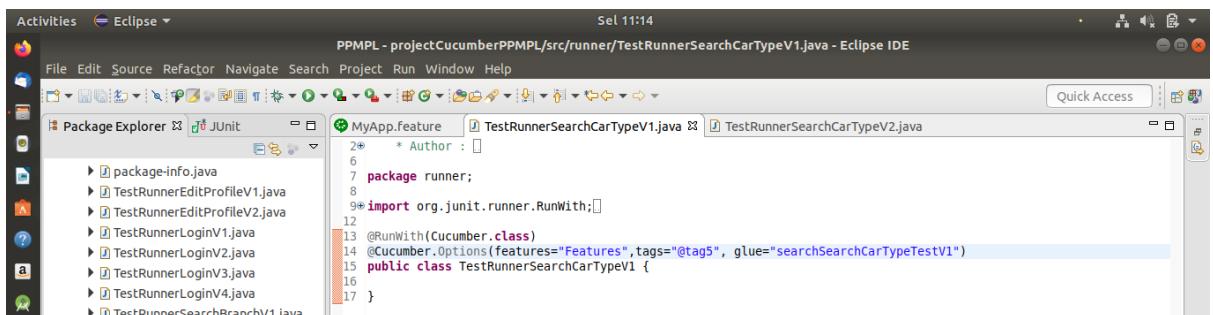
    @Then("^I do to search car type$")
    public void I_do_to_search_car_type() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a/i"));
        action.moveToElement(btn).perform();

        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/ul/
li[5]/a")).click();

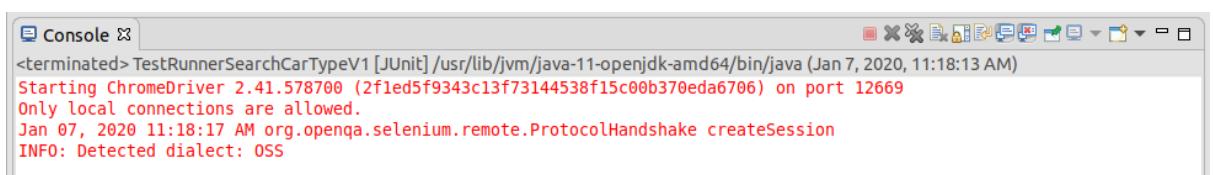
        driver.findElement(By.xpath("/html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]
]/div[1]/label/input")).sendKeys("vios");
    }
}

```

- Test Runner



- Console setelah Running



- Snippet Browser saat Testing

Code	Name	Model	Status	Confins	Actions
4	NC 42 E M/T	VIOS	ACTIVE	ACTIVE	[Edit](#)
5	NC 42 G A/T	VIOS	ACTIVE	ACTIVE	[Edit](#)
6	NC 42 G M/T	VIOS	ACTIVE	ACTIVE	[Edit](#)
7	NC 93 E M/T	VIOS	ACTIVE	ACTIVE	[Edit](#)
8	NC 93 E M/T10	VIOS	ACTIVE	ACTIVE	[Edit](#)
9	NC 93 E M/T20	VIOS	ACTIVE	ACTIVE	[Edit](#)
10	NC 93 G A/T	VIOS	ACTIVE	ACTIVE	[Edit](#)

b. Test Case 2 (Invalid)

- Scenario

```
@tag5
Scenario: Search Car Type Test
  Given open chrome and start application
  When open form login
  When enter username valid and password valid
  Then I do to search car type
```

- Step Definition

```
package searchCarTypeTestV2;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
```

```

import org.openqa.selenium.interactions.Actions;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class SearchCarTypeTestV2 {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver",
        "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable
{
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(4) > button")).click();
}

```

```

    }

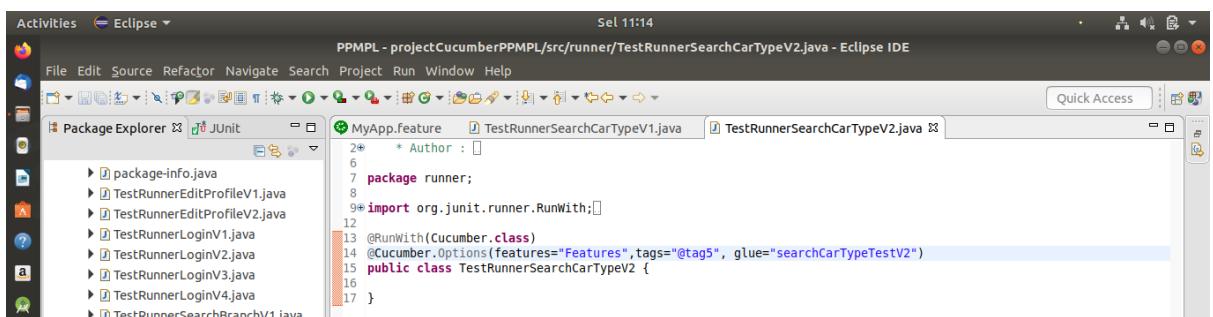
    @Then("^I do to search car type$")
    public void I_do_to_search_car_type() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a/i"));
        action.moveToElement(btn).perform();

        driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/ul/
li[5]/a")).click();

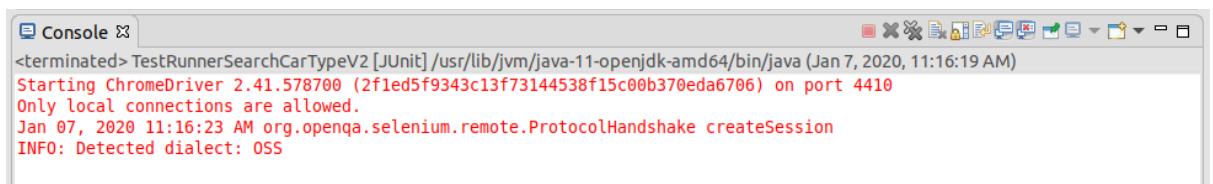
        driver.findElement(By.xpath("/html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]/
/div[1]/label/input")).sendKeys("angkot");
    }
}

```

- Test Runner



- Console setelah Running



- Snippet Browser saat Testing

## 2.2.6 Fungsi View List of User

- Scenario

```
@tag6
Scenario: View List Of User Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then I will to see list of user
```

- Step Definition

```
package viewListOfUserTest;
```

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
```

```

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class ViewListOfUserTest {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");

        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");

        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I will see list of user$")
}

```

```

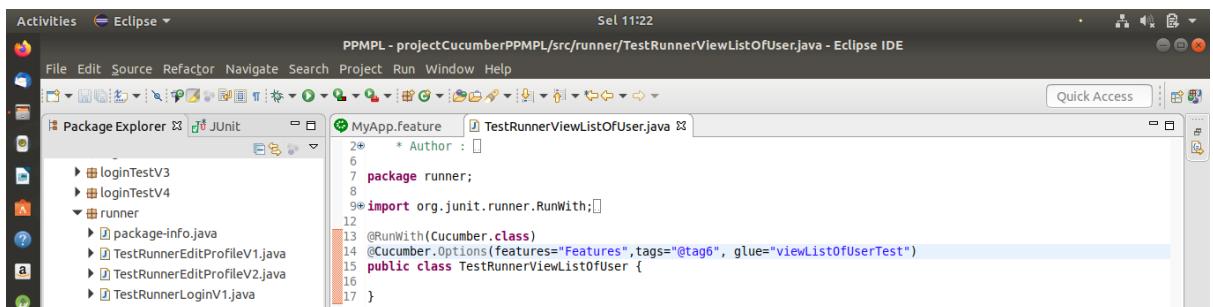
public void I_will_to_see_list_of_user() throws Throwable {
    Actions action = new Actions(driver);
    WebElement btn =
driver.findElement(By.xpath("//html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[10]/a"));
    action.moveToElement(btn).perform();

    driver.findElement(By.cssSelector("body > div.page-container > div >
div.sidebar.sidebar-main > div > div.sidebar-category.sidebar-category-visible > div > ul >
li:nth-child(10) > ul > li:nth-child(1) > a")).click();

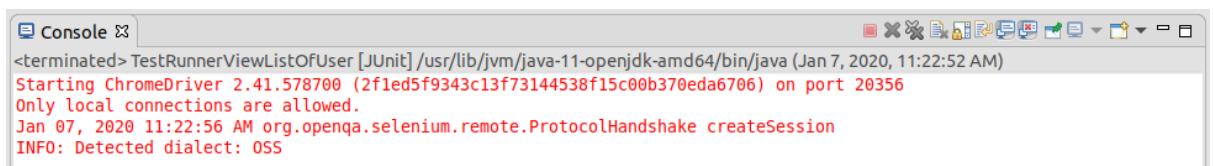
    driver.findElement(By.xpath("//*[@id=\"DataTables_Table_0\"]/thead/tr/th[4]")).cli
ck();
}
}

```

- Test Runner



- Console setelah Running



- Snippet Browser saat Testing

	Photo	Fullname	Email	Privilege	Status	Actions
<input type="checkbox"/>		HERMAS WICAKSONO	abc	Sales Officer	INACTIVE	<span style="color: red;">≡</span>
<input type="checkbox"/>		abd latib	abdul.latib@taf.co.id	Sales Officer	ACTIVE	<span style="color: green;">≡</span>
<input type="checkbox"/>		achmas charis	achmad@yopmail.com	SALES	ACTIVE	<span style="color: green;">≡</span>
<input type="checkbox"/>		ADITYO PAMBUDI	adityo.pambudi@taf.co.id	Sales Officer	ACTIVE	<span style="color: green;">≡</span>

### 2.2.7 Fungsi View List of Package

- Scenario

```
@tag7
Scenario: View List Of Package Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then I will to see list of package
```

- Step Definition

```
package viewListOfPackageTest;
```

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;
```

```

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class ViewListOfPackageTest {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div > div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I will see list of package$")
}

```

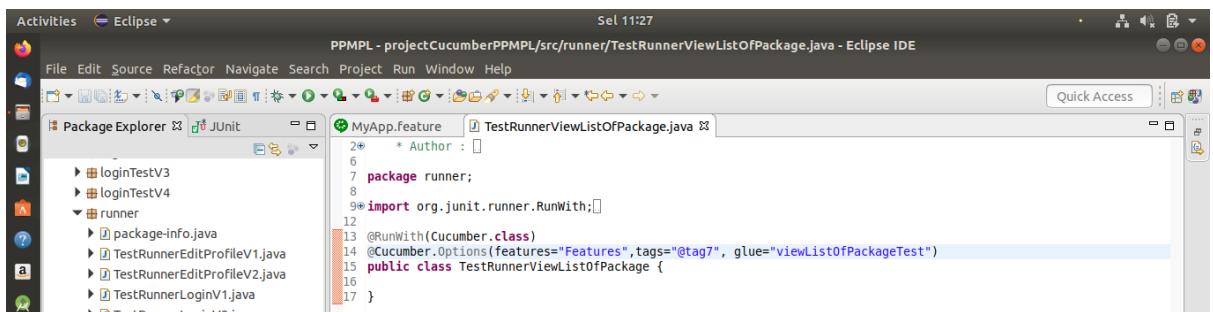
```

public void I_will_to_see_list_of_package() throws Throwable {
    Actions action = new Actions(driver);
    WebElement btn =
driver.findElement(By.xpath("//html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[8]/a/i"));
    action.moveToElement(btn).perform();

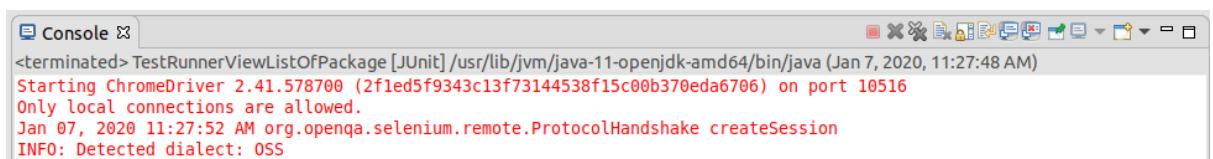
    driver.findElement(By.cssSelector("body > div.page-container > div >
div.sidebar.sidebar-main > div > div.sidebar-category.sidebar-category-visible > div > ul > li:nth-
child(8) > ul > li:nth-child(1) > a")).click();
}
}

```

- Test Runner



- Console setelah Running



- Snippet Browser saat Testing

Code	Name	Image	Status	Confins	Actions
17037RBFBD	PAKET SOBAT INDIRECT XENIA 2017 - BVF		INACTIVE	INACTIVE	<a href="#">Edit</a>
0	0		INACTIVE	INACTIVE	<a href="#">Edit</a>
1111r	PAKET SERU - RCFCV		INACTIVE	INACTIVE	<a href="#">Edit</a>
113363RCFCV	PAKET DNYA 0% KALIMANTAN (OCT 13) - CVF		INACTIVE	INACTIVE	<a href="#">Edit</a>
12561RCFCVD	PAKET CEMERLANG 25% DAIHATSU KS SEPT 2018 - CVFD		INACTIVE	INACTIVE	<a href="#">Edit</a>
13001RBFBV	PAKET NEW YEAR WITH TOYOTA (FAIR) JAWA BALI SUMATERA (JAN 13)		INACTIVE	INACTIVE	<a href="#">Edit</a>
	PAKFT NFW YFAR WITH TOYOTA (FAIR).JAWA RAI I		INACTIVE	INACTIVE	<a href="#">Edit</a>

## 2.2.8 Fungsi View List Report Draft

- Scenario

```

@tag8
Scenario: View Detail Report Draft Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    Then I will to see detail report draft

```

- Step Definition

```

package viewListReportDraftTest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.interactions.Actions;

```

```

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class ViewListReportDraftTest {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver",
        "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable
    {
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(4) > button")).click();
    }
}

```

```

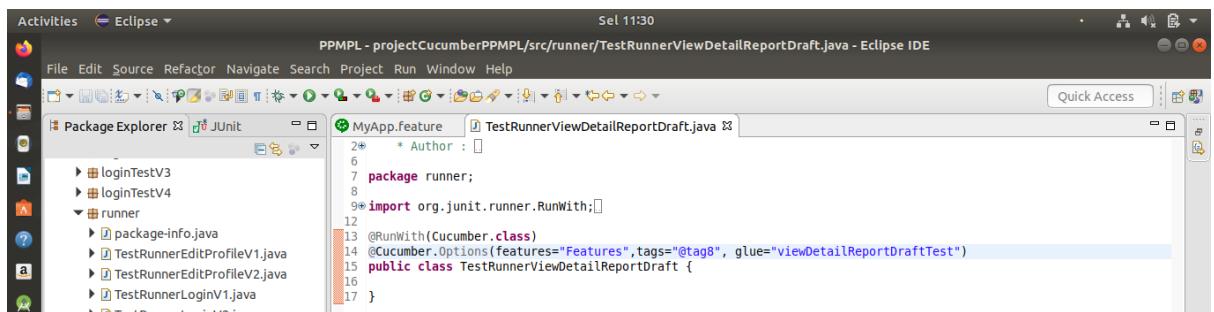
    @Then("^I will to see detail report draft$")
    public void I_will_to_see_detail_report_draft() throws Throwable {
        Actions action = new Actions(driver);
        WebElement btn =
            driver.findElement(By.xpath("/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/a/i"));
        action.moveToElement(btn).perform();

        driver.findElement(By.cssSelector("body > div.page-container > div >
            div.sidebar.sidebar-main > div > div.sidebar-category.sidebar-category-visible > div > ul >
            li:nth-child(7) > ul > li:nth-child(1) > a")).click();

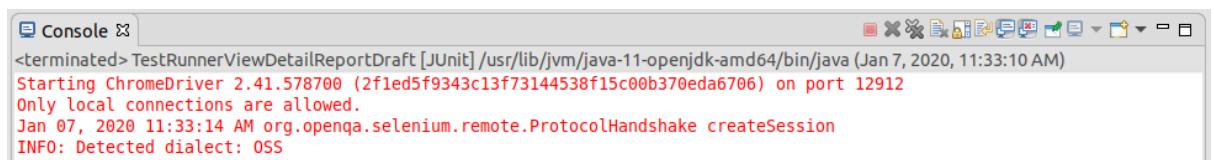
        //driver.findElement(By.xpath("//*[@id=\"DataTables_Table_0\"]/tbody/tr[1]/td[5]/
        a")).click();
    }
}

```

- Test Runner



- Console setelah Running



- Snippet Browser saat Testing

Submit Date	User	Dealer	Last Updated	Actions
09/10/2019 16:39	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 16:39	<a href="#">View Detail</a>
09/10/2019 16:37	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 16:37	<a href="#">View Detail</a>
09/10/2019 15:19	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 15:19	<a href="#">View Detail</a>
06/09/2019 15:47	ROBINDER SINGH	AUTO 2000 - JKT JUANDA	09/09/2019 12:00	<a href="#">View Detail</a>
20/08/2019 15:37	ANIS AUNUR AZIZI	ASRI MOTOR - SBY SIDOARJO	25/09/2019 09:57	<a href="#">View Detail</a>
02/08/2019 17:58	ANIS AUNUR AZIZI	AUTO 2000 - SBY KENJERAN	05/08/2019 15:29	<a href="#">View Detail</a>
02/08/2019 17:17	ANIS AUNUR AZIZI	AUTO 2000 - SBY KERTAJAYA	02/08/2019 17:28	<a href="#">View Detail</a>

## 2.2.9 Fungsi View Detail Main

- Scenario

```
@tag9
Scenario: View Detail Main Test
Given open chrome and start application
When open form login
When enter username valid and password valid
Then I will to see detail main
```

- Step Definition

```
package viewDetailMainTest;
```

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;
```

```

public class ViewDetailMainTest {
    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver", "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void login_form_again() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).click();
    }

    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");

        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");

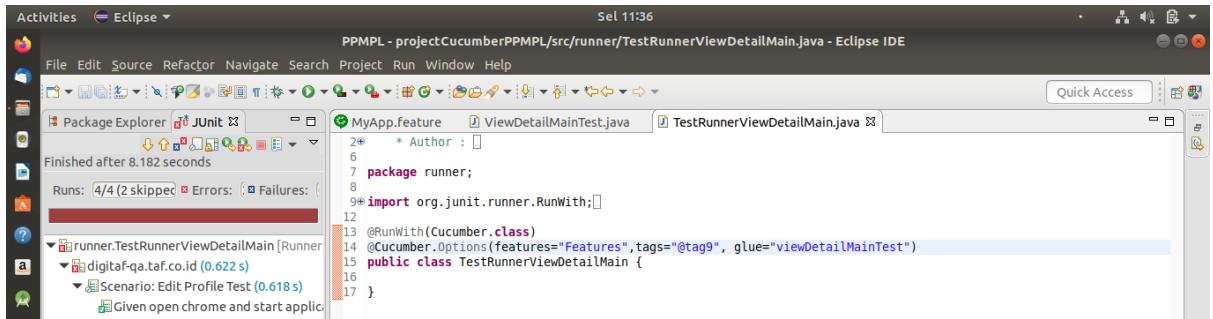
        driver.findElement(By.cssSelector("body > div.page-container > div > div > div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I will to see detail main$")
    public void I_will_to_see_detail_main() throws Throwable {
        driver.findElement(By.xpath("//*[@id='navbar-mobile']/ul[1]/li[1]/a/i")).click();
    }
}

```

}

- Test Runner

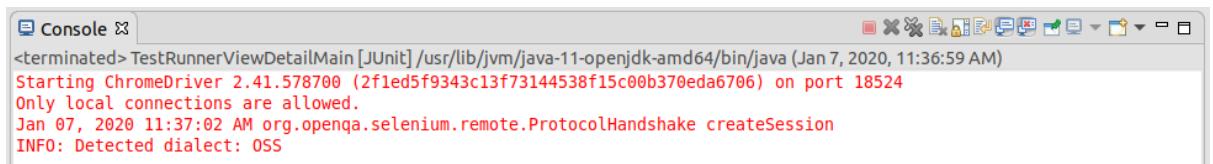


The screenshot shows the Eclipse IDE interface with the title bar "PPMPL - projectCucumberPPMPL/src/runner/TestRunnerViewDetailMain.java - Eclipse IDE". The "Activities" tab is selected. In the center, there is a "Test Runner View" window titled "TestRunnerViewDetailMain.java". It displays the following Java code:

```
1 * Author : 
2 package runner;
3 import org.junit.runner.RunWith;
4 @RunWith(Cucumber.class)
5 @Cucumber.Options(features="Features",tags="@tag9", glue="viewDetailMainTest")
6 public class TestRunnerViewDetailMain {
7 }
```

Below the code editor, the status bar shows "Sel 11:36". The left sidebar shows the "Package Explorer" with a "JUnit" view open, showing a test run named "runner.TestRunnerViewDetailMain [Runner]" with a duration of "0.622 s". The bottom status bar also shows "Sel 11:36".

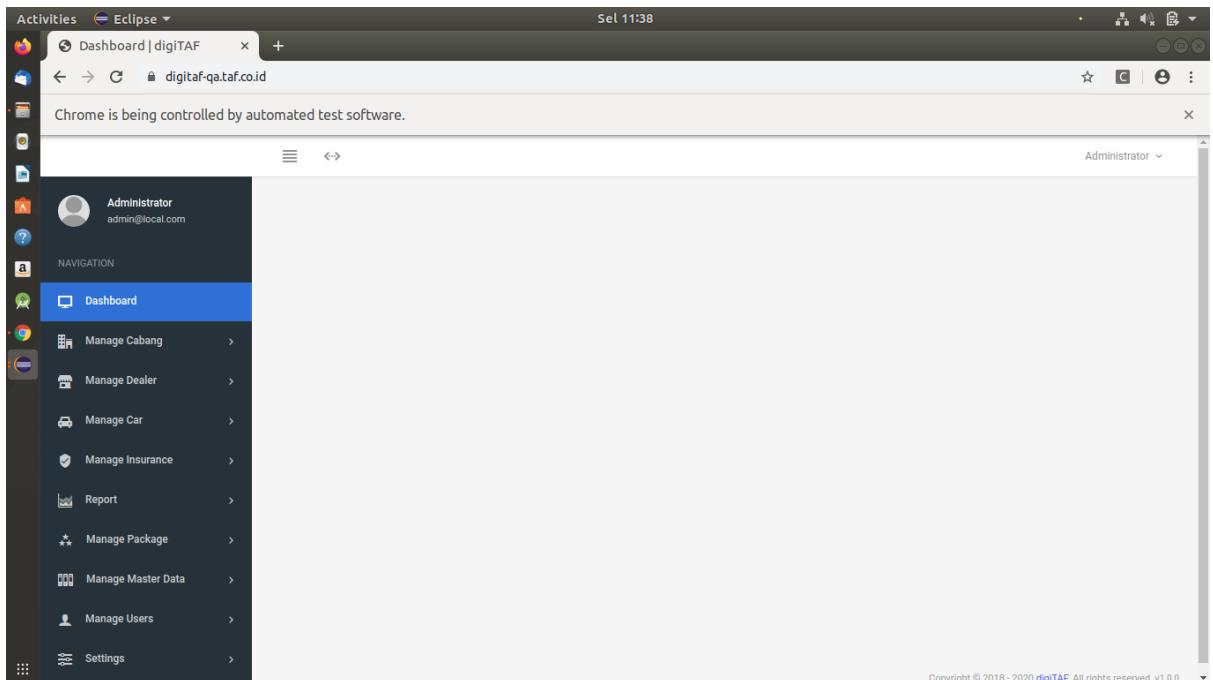
- Console setelah Running



The screenshot shows a terminal window titled "Console". The output shows the command "TestRunnerViewDetailMain [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java" being run, followed by the Java version and port information. The log then continues with Selenium protocol handshake details and a dialect detection message.

```
<terminated> TestRunnerViewDetailMain [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 11:36:59 AM)
Starting ChromeDriver 2.41.578700 (2fied5f9343c13f73144538f15c00b370eda6706) on port 18524
Only local connections are allowed.
Jan 07, 2020 11:37:02 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
```

- Snippet Browser saat Testing



#### 2.2.10 Fungsi View Hide Main

- Scenario

```
@tag10
Scenario: View Hide Main Test
    Given open chrome and start application
    When open form login
    When enter username valid and password valid
    When I will to see hide main
```

- Step Definition

```
package viewHideMainTest;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import cucumber.api.java.en.Given;
import cucumber.api.java.en.When;
import cucumber.api.java.en.Then;

public class ViewHideMainTest {
```

```

    WebDriver driver;

    @Given("^open chrome and start application$")
    public void open_chrome_and_start_application() throws Throwable {
        System.setProperty("webdriver.chrome.driver",
        "/usr/bin/chromedriver");

        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://digitaf-qa.taf.co.id/login");
    }

    @When("^open form login$")
    public void open_form_login() throws Throwable {
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).click();
    }

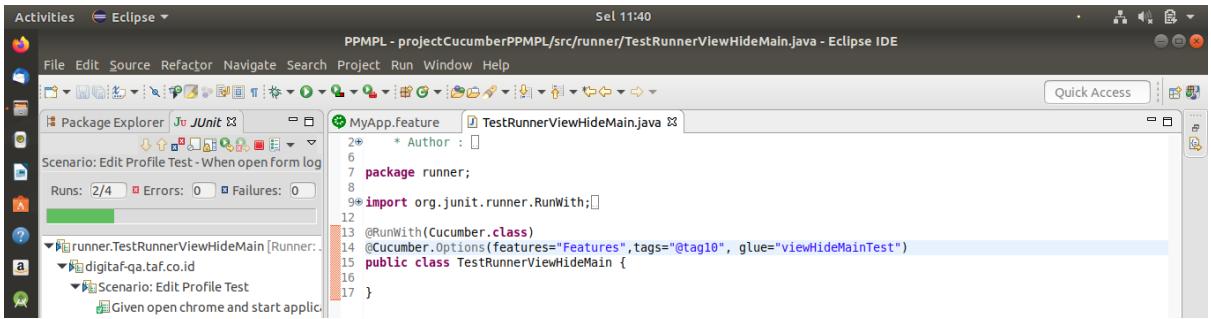
    @When("^enter username valid and password valid$")
    public void enter_username_valid_and_password_valid() throws Throwable
{
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(2) > input")).sendKeys("admin@local.com");
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(3) > input")).sendKeys("hello123");
        driver.findElement(By.cssSelector("body > div.page-container > div >
div > div > form > div > div:nth-child(4) > button")).click();
    }

    @Then("^I will see hide main$")
    public void I_will_see_hide_main() throws Throwable {
        driver.findElement(By.xpath("//*[@id=\"navbar-
mobile\"]/ul[1]/li[2]/a/i")).click();
    }

```

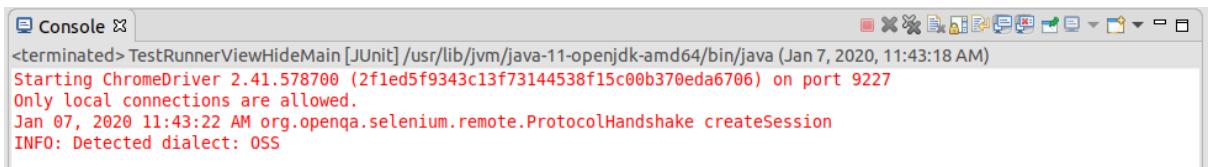
}

- Test Runner



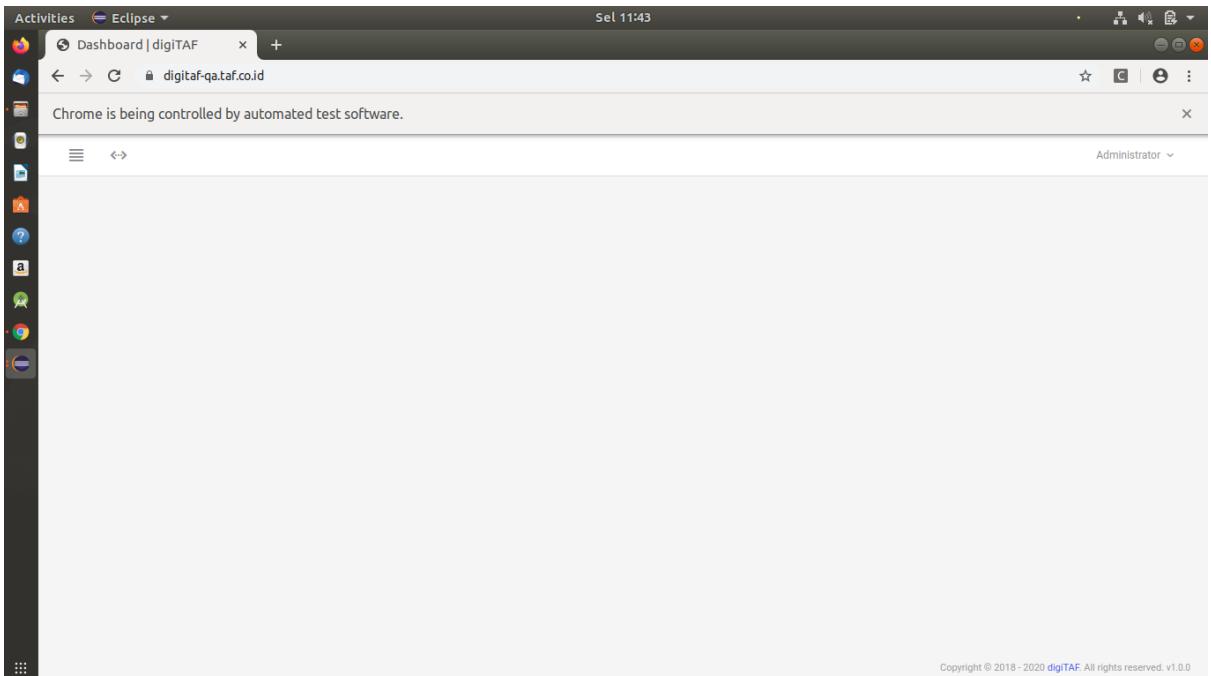
```
MyApp.feature  TestRunnerViewHideMain.java
2* * Author : 
3 package runner;
4 import org.junit.runner.RunWith;
5 @RunWith(Cucumber.class)
6 @Cucumber.Options(features="Features",tags="@tag10", glue="viewHideMainTest")
7 public class TestRunnerViewHideMain {
8
9 }
10
11
12
13
14
15
16
17 }
```

- Console setelah Running



```
<terminated> TestRunnerViewHideMain [JUnit] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jan 7, 2020, 11:43:18 AM)
Starting ChromeDriver 2.41.578700 (2fied5f9343c13f73144538f15c00b370eda6706) on port 9227
Only local connections are allowed.
Jan 07, 2020 11:43:22 AM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: OSS
```

- Snippet Browser saat Testing



## 2.3 Pengujian Menggunakan RobotFramework

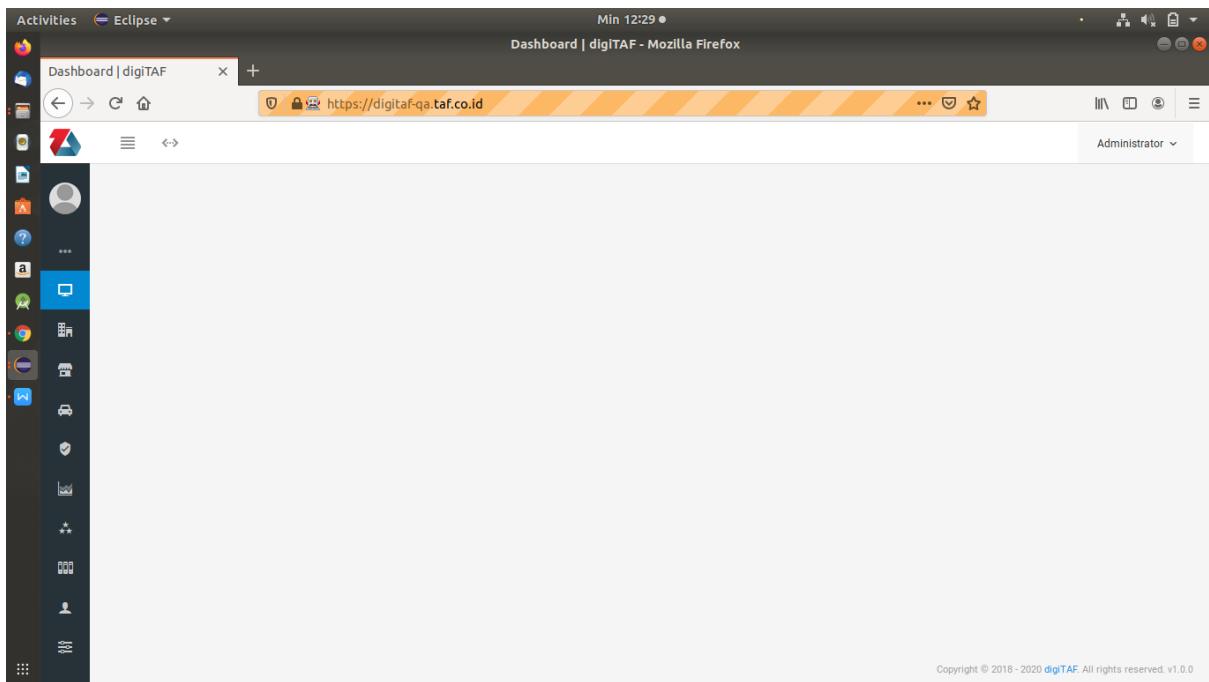
### 2.3.1 Fungsi Login

#### a. Test Case 1 (Email Valid, Password Valid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id//</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Click Element	User mengklik <i>button</i> Setting
Click Element	User mengklik <i>button</i> Change Password
Input Text	User memasukkan <i>Old Password</i>
Input Text	User memasukkan <i>New Password</i>
Input Text	User memasukkan <i>New Password (again)</i>
Click Element	User mengklik Save

- Snippet Browser saat Testing



## - Test Report

### Test Execution Log

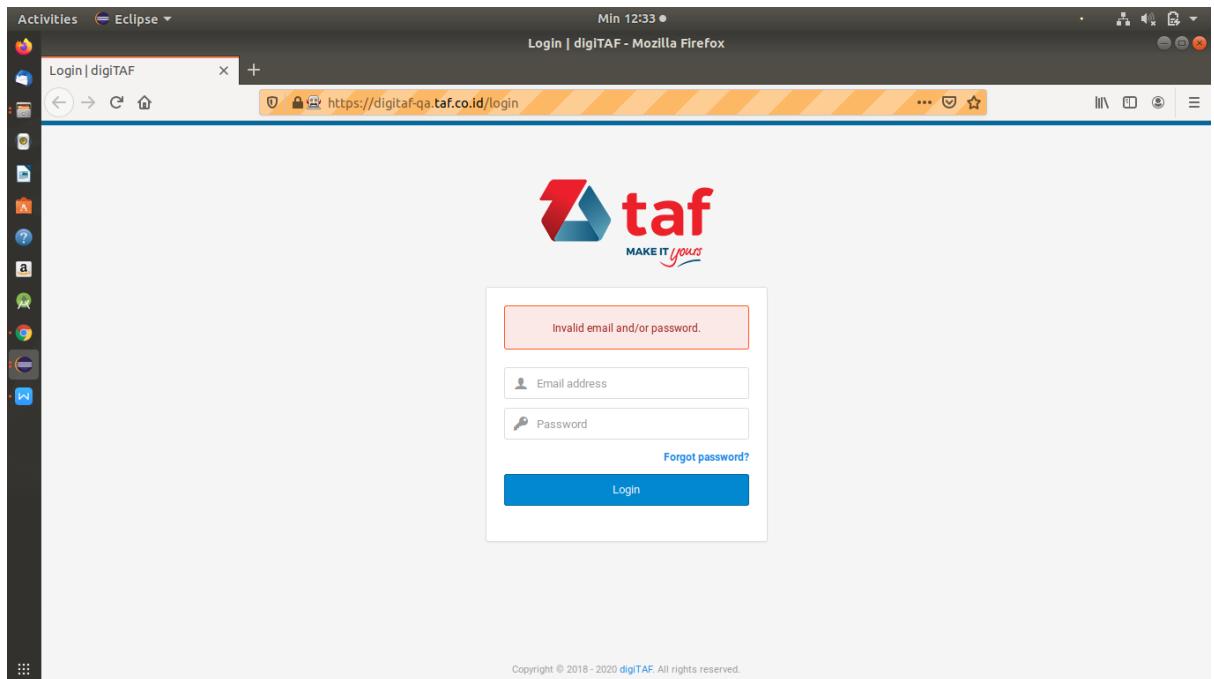
<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:24.917	
Full Name:	projectRobotFrameworkPPMPL	
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL	
Start / End / Elapsed:	20200112 12:28:27.506 / 20200112 12:28:52.423 / 00:00:24.917	
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed	
<b>SUITE</b> TestSuite	00:00:24.865	
Full Name:	projectRobotFrameworkPPMPL.TestSuite	
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite	
Start / End / Elapsed:	20200112 12:28:27.554 / 20200112 12:28:52.419 / 00:00:24.865	
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed	
<b>SUITE</b> Test1	00:00:24.855	
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1	
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot	
Start / End / Elapsed:	20200112 12:28:27.559 / 20200112 12:28:52.414 / 00:00:24.855	
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed	
<b>TEST</b> LoginTestV1	00:00:24.643	
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.LoginTestV1	
Start / End / Elapsed:	20200112 12:28:27.768 / 20200112 12:28:52.411 / 00:00:24.643	
Status:	PASS (critical)	
+ KEYWORD	seleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:13.114
+ KEYWORD	seleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.016
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	seleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.145
+ KEYWORD	seleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.072
+ KEYWORD	seleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:07.252
+ KEYWORD	seleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.022
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	Builtin.Log Test Done	00:00:00.003

### b. Test Case 2 (Email Valid, Password Invalid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id//</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Click Element	User mengklik <i>button</i> Setting
Click Element	User mengklik <i>button</i> Change Password
Input Text	User memasukkan <i>Old Password</i>
Input Text	User memasukkan <i>New Password</i>
Input Text	User memasukkan <i>New Password (again)</i>
Click Element	User mengklik <i>Save</i>

- Snippet Browser saat Testing



- Test Report

## Test Execution Log

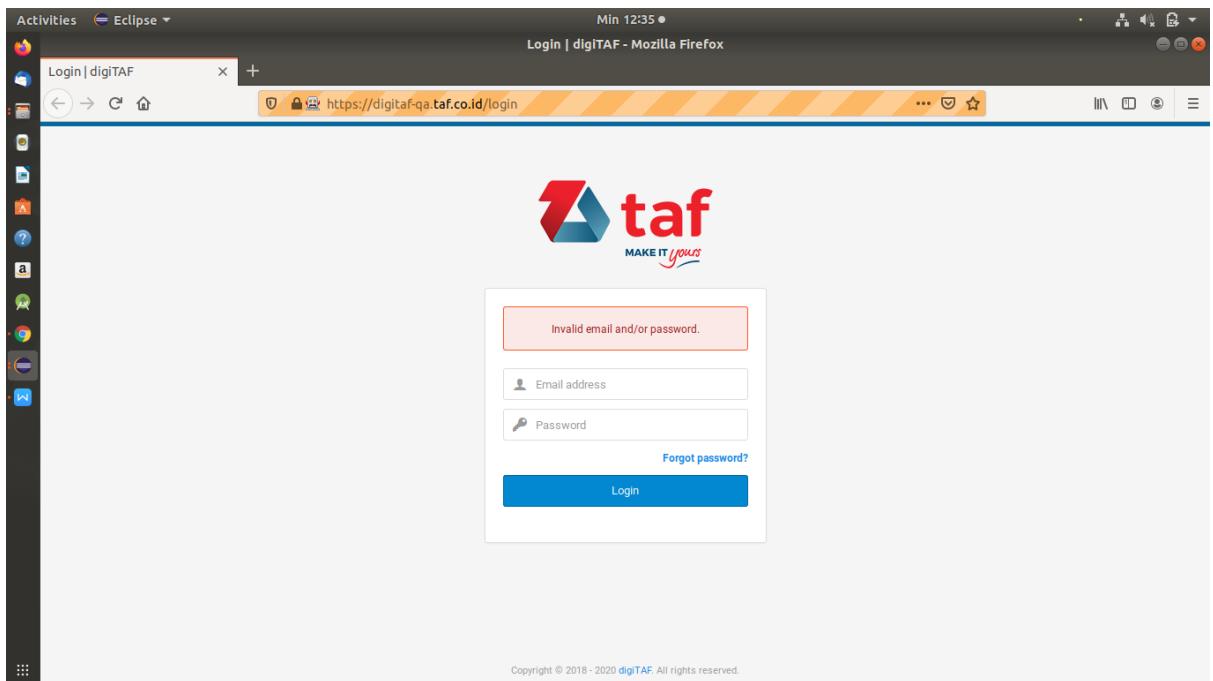
<p><b>SUITE</b> projectRobotFrameworkPPMPL</p> <p>Full Name: projectRobotFrameworkPPMPL</p> <p>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL</p> <p>Start / End / Elapsed: 20200112 12:33:06.398 / 20200112 12:33:23.861 / 00:00:17.463</p> <p>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</p>	00:00:17.463																																																						
<p><b>SUITE</b> TestSuite</p> <p>Full Name: projectRobotFrameworkPPMPL.TestSuite</p> <p>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite</p> <p>Start / End / Elapsed: 20200112 12:33:06.434 / 20200112 12:33:23.857 / 00:00:17.423</p> <p>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</p>	00:00:17.423																																																						
<p><b>SUITE</b> Test1</p> <p>Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1</p> <p>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot</p> <p>Start / End / Elapsed: 20200112 12:33:06.438 / 20200112 12:33:23.851 / 00:00:17.413</p> <p>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</p>	00:00:17.413																																																						
<p><b>TEST</b> LoginTestV2</p> <p>Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1.LoginTestV2</p> <p>Start / End / Elapsed: 20200112 12:33:06.599 / 20200112 12:33:23.848 / 00:00:17.249</p> <p>Status: <b>PASS</b> (critical)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">+ KEYWORD</td> <td>SeleniumLibrary. Open Browser https://digitaf-qa.taf.co.id/login, firefox</td> <td style="text-align: right;">00:00:11.530</td> <td style="text-align: center;">▼</td> <td style="text-align: center;">▲</td> <td style="text-align: center;">✖</td> </tr> <tr> <td>+ KEYWORD</td> <td>SeleniumLibrary. Set Selenium Implicit Wait 3</td> <td style="text-align: right;">00:00:00.014</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>Builtin. Sleep 2</td> <td style="text-align: right;">00:00:02.002</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com</td> <td style="text-align: right;">00:00:00.141</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, admin123</td> <td style="text-align: right;">00:00:00.073</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button</td> <td style="text-align: right;">00:00:01.461</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>SeleniumLibrary. Set Selenium Implicit Wait 5</td> <td style="text-align: right;">00:00:00.007</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>Builtin. Sleep 2</td> <td style="text-align: right;">00:00:02.003</td> <td colspan="3"></td> </tr> <tr> <td>+ KEYWORD</td> <td>Builtin. Log Test Done</td> <td style="text-align: right;">00:00:00.004</td> <td colspan="3"></td> </tr> </table>	+ KEYWORD	SeleniumLibrary. Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:11.530	▼	▲	✖	+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 3	00:00:00.014				+ KEYWORD	Builtin. Sleep 2	00:00:02.002				+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.141				+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, admin123	00:00:00.073				+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:01.461				+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 5	00:00:00.007				+ KEYWORD	Builtin. Sleep 2	00:00:02.003				+ KEYWORD	Builtin. Log Test Done	00:00:00.004				00:00:17.249
+ KEYWORD	SeleniumLibrary. Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:11.530	▼	▲	✖																																																		
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 3	00:00:00.014																																																					
+ KEYWORD	Builtin. Sleep 2	00:00:02.002																																																					
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.141																																																					
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, admin123	00:00:00.073																																																					
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:01.461																																																					
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 5	00:00:00.007																																																					
+ KEYWORD	Builtin. Sleep 2	00:00:02.003																																																					
+ KEYWORD	Builtin. Log Test Done	00:00:00.004																																																					

### c. Test Case 3 (Email Invalid, Password Valid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Click Element	User mengklik <i>button</i> Setting
Click Element	User mengklik <i>button</i> Change Password
Input Text	User memasukkan Old Password
Input Text	User memasukkan New Password
Input Text	User memasukkan New Password (again)
Click Element	User mengklik Save

- Snippet Browser saat Testing



- Test Report

## Test Execution Log

<ul style="list-style-type: none"> <li>- <b>SUITE</b> projectRobotFrameworkPPMPL           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL</li> <li><b>Source:</b> /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL</li> <li><b>Start / End / Elapsed:</b> 20200112 12:35:07.086 / 20200112 12:35:24.431 / 00:00:17.345</li> <li><b>Status:</b> 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul>	00:00:17.345
<ul style="list-style-type: none"> <li>- <b>SUITE</b> TestSuite           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL.TestSuite</li> <li><b>Source:</b> /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite</li> <li><b>Start / End / Elapsed:</b> 20200112 12:35:07.119 / 20200112 12:35:24.427 / 00:00:17.308</li> <li><b>Status:</b> 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul>	00:00:17.308
<ul style="list-style-type: none"> <li>- <b>SUITE</b> Test1           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL.TestSuite.Test1</li> <li><b>Source:</b> /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot</li> <li><b>Start / End / Elapsed:</b> 20200112 12:35:07.123 / 20200112 12:35:24.422 / 00:00:17.299</li> <li><b>Status:</b> 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul>	00:00:17.299
<ul style="list-style-type: none"> <li>- <b>TEST</b> LoginTestV3           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL.TestSuite.Test1.LoginTestV3</li> <li><b>Start / End / Elapsed:</b> 20200112 12:35:07.313 / 20200112 12:35:24.419 / 00:00:17.106</li> <li><b>Status:</b> <b>PASS</b> (critical)</li> </ul> <ul style="list-style-type: none"> <li>+ <b>KEYWORD</b> SeleniumLibrary. Open Browser https://digitaf-qa.taf.co.id/login, firefox 00:00:11.889</li> <li>+ <b>KEYWORD</b> SeleniumLibrary. Set Selenium Implicit Wait 3 00:00:00.025</li> <li>+ <b>KEYWORD</b> BuiltIn. Sleep 2 00:00:02.003</li> <li>+ <b>KEYWORD</b> SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div[2]/input, admin@hello.com 00:00:00.126</li> <li>+ <b>KEYWORD</b> SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div[3]/input, hello123 00:00:00.070</li> <li>+ <b>KEYWORD</b> SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/div/form/div[4]/button 00:00:00.959</li> <li>+ <b>KEYWORD</b> SeleniumLibrary. Set Selenium Implicit Wait 5 00:00:00.010</li> <li>+ <b>KEYWORD</b> BuiltIn. Sleep 2 00:00:02.004</li> <li>+ <b>KEYWORD</b> BuiltIn. Log Test Done 00:00:00.005</li> </ul> </li> </ul>	00:00:17.106

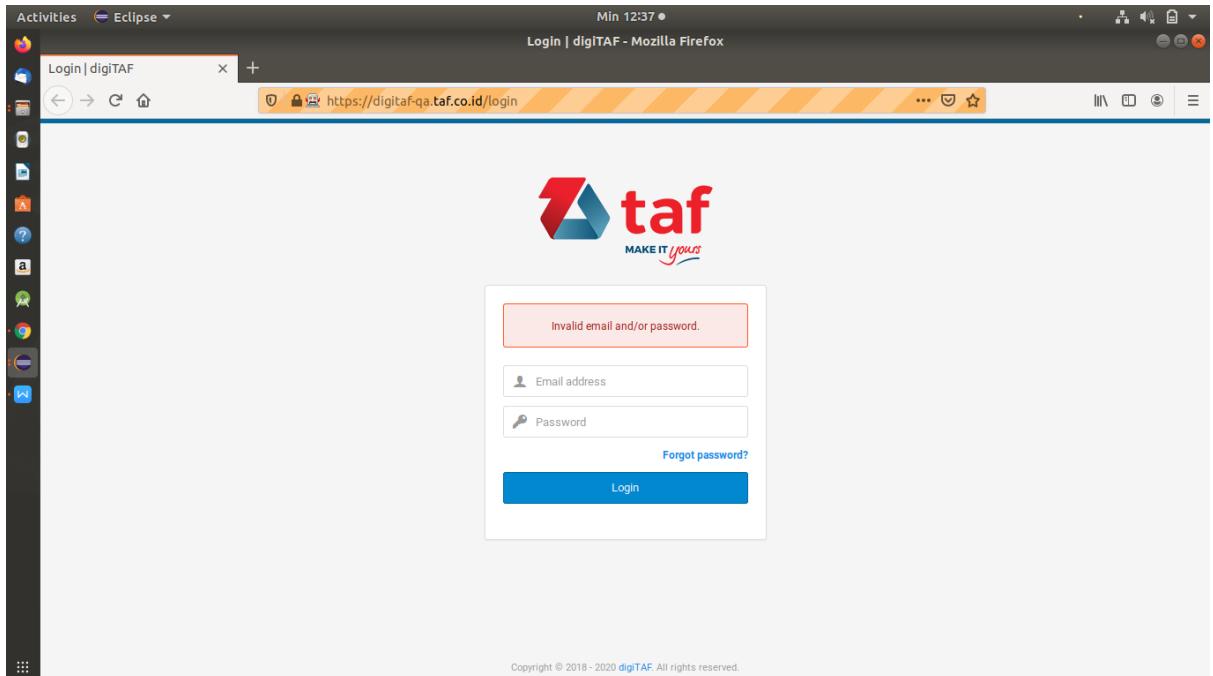
### d. Test Case 4 (Email Invalid, Password Invalid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Click Element	User mengklik <i>button</i> Setting
Click Element	User mengklik <i>button</i> Change Password
Input Text	User memasukkan Old Password
Input Text	User memasukkan New Password
Input Text	User memasukkan New Password (again)

Click Element	User mengklik Save
---------------	--------------------

- Snippet Browser saat Testing



- Test Report

#### Test Execution Log

<ul style="list-style-type: none"> <li>- <b>SUITE</b> projectRobotFrameworkPPMPL           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL</li> <li><b>Source:</b> /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL</li> <li><b>Start / End / Elapsed:</b> 20200112 12:37:04.103 / 20200112 12:37:23.286 / 00:00:19.183</li> <li><b>Status:</b> 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul>	00:00:19.183
<ul style="list-style-type: none"> <li>- <b>SUITE</b> TestSuite           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL.TestSuite</li> <li><b>Source:</b> /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite</li> <li><b>Start / End / Elapsed:</b> 20200112 12:37:04.144 / 20200112 12:37:23.282 / 00:00:19.138</li> <li><b>Status:</b> 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul>	00:00:19.138
<ul style="list-style-type: none"> <li>- <b>SUITE</b> Test1           <ul style="list-style-type: none"> <li><b>Full Name:</b> projectRobotFrameworkPPMPL.TestSuite.Test1</li> <li><b>Source:</b> /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot</li> <li><b>Start / End / Elapsed:</b> 20200112 12:37:04.149 / 20200112 12:37:23.276 / 00:00:19.127</li> <li><b>Status:</b> 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul>	00:00:19.127

TEST   LoginTestV4		00:00:18.877
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.LoginTestV4	
Start / End / Elapsed:	20200112 12:37:04.397 / 20200112 12:37:23.274 / 00:00:18.877	
Status:	PASS (critical)	
+ KEYWORD	SeleniumLibrary. Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:13.647
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 3	00:00:00.020
+ KEYWORD	Builtin. Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/form/div/div[2]/input, admin@hello.com	00:00:00.123
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/form/div/div[3]/input, admin123	00:00:00.074
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/form/div/div[4]/button	00:00:00.972
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 5	00:00:00.008
+ KEYWORD	Builtin. Sleep 2	00:00:02.003
+ KEYWORD	Builtin. Log Test Done	00:00:00.003

### 2.3.2 Fungsi Search Branch

- a. Test Case 1 (Valid)
- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke "Manage Cabang"
Click Element	User mengklik branch
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

Branch List | digiTAF

Branch List | digiTAF - Mozilla Firefox

Min 12:40 ●

Administrator

**Branch List**

Dashboard / Cabang / Branch List

List of Branch

Filter: surabaya Show: 10

Code	Branch Name	Rate Area	Insurance Area	Status	Confins	Actions
0003	SURABAYA - MERR	AREA 1	Region3	ACTIVE	ACTIVE	<a href="#">Edit</a>
0048	SURABAYA - PUNCAK PERMAI	AREA 1	Region3	ACTIVE	ACTIVE	<a href="#">Edit</a>

Showing 1 to 2 of 2 entries (filtered from 48 total entries)

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- Test report

### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:31.786
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 12:39:54.679 / 20200112 12:40:26.465 / 00:00:31.786
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:31.734
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 12:39:54.726 / 20200112 12:40:26.460 / 00:00:31.734
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:31.723
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 12:39:54.732 / 20200112 12:40:26.455 / 00:00:31.723
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

-	<b>TEST</b> SearchBranchTestV1	00:00:31.511
	Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1.SearchBranchTestV1	
	Start / End / Elapsed: 20200112 12:39:54.941 / 20200112 12:40:26.452 / 00:00:31.511	
	Status: <b>PASS</b> (critical)	
+	<b>KEYWORD</b> SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:14.482
+	<b>KEYWORD</b> SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.016
+	<b>KEYWORD</b> Builtin.Sleep 2	00:00:02.003
+	<b>KEYWORD</b> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[2]/input, admin@local.com	00:00:00.144
+	<b>KEYWORD</b> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[3]/input, hello123	00:00:00.091
+	<b>KEYWORD</b> SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div[4]/button	00:00:08.040
+	<b>KEYWORD</b> SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.016
+	<b>KEYWORD</b> Builtin.Sleep 2	00:00:02.002
+	<b>KEYWORD</b> SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[3]/a/i	00:00:00.296
+	<b>KEYWORD</b> SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[3]/ul/li/a	00:00:02.253
+	<b>KEYWORD</b> SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.011
+	<b>KEYWORD</b> Builtin.Sleep 2	00:00:02.003
+	<b>KEYWORD</b> SeleniumLibrary.Input Text xpath=//*[@id="DataTables_Table_0_filter"]/label/input, surabaya	00:00:00.123
+	<b>KEYWORD</b> Builtin.Log Test Done	00:00:00.006

b. Test Case 2 (Invalid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke "Manage Cabang"
Click Element	User mengklik branch
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

Branch List | digITAF - Mozilla Firefox  
Min 12:43 ●  
Branch List | digITAF - Mozilla Firefox  
Administrator

**Branch List**  
Dashboard / Cabang / Branch List

List of Branch

Filter: sipiongo Show: 10 Export

Code	Branch Name	Rate Area	Insurance Area	Status	Confins	Actions
No matching records found						

Showing 0 to 0 of 0 entries (filtered from 48 total entries)

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- Test report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:27.205
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 12:42:38.402 / 20200112 12:43:05.607 / 00:00:27.205
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:27.142
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 12:42:38.461 / 20200112 12:43:05.603 / 00:00:27.142
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:27.133
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 12:42:38.465 / 20200112 12:43:05.598 / 00:00:27.133
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

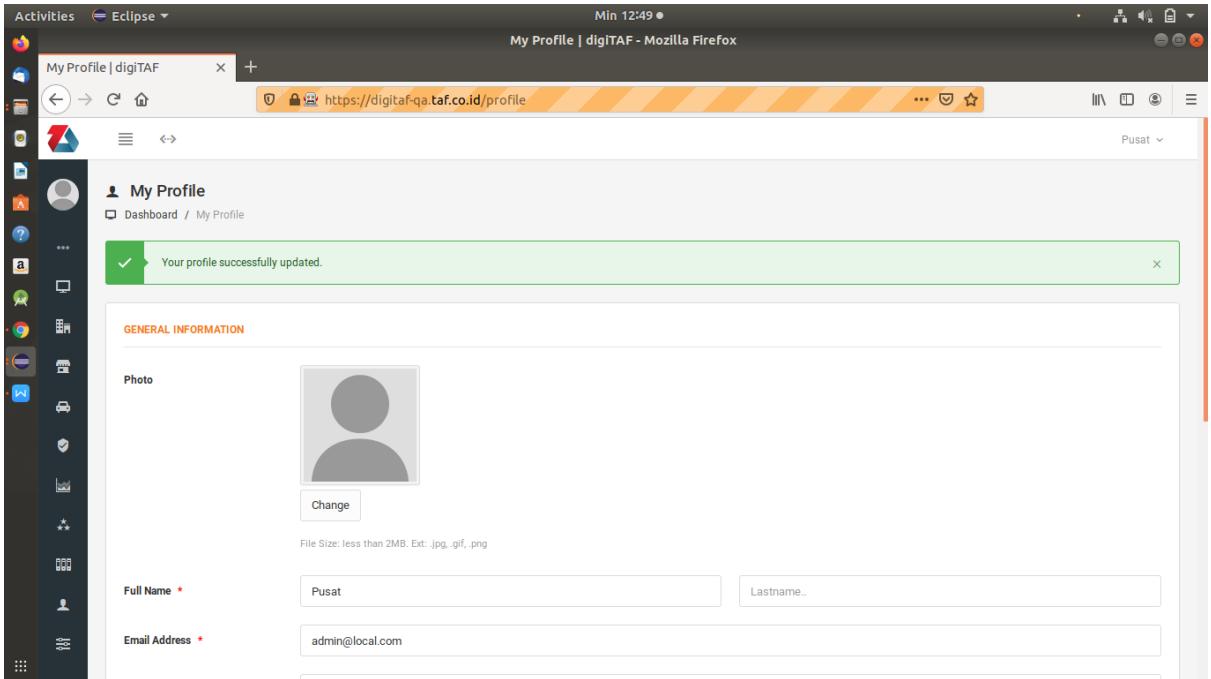
-	<b>TEST</b> SearchBranchTestV2	00:00:26.885
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.SearchBranchTestV2	
Start / End / Elapsed:	20200112 12:42:38.708 / 20200112 12:43:05.593 / 00:00:26.885	
Status:	PASS (critical)	
+ KEYWORD	SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:13.100
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.018
+ KEYWORD	Builtin.Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.142
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.088
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:04.931
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.011
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[3]/a/i	00:00:00.314
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[3]/ul/li/a	00:00:02.134
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.014
+ KEYWORD	Builtin.Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary.Input Text xpath=//*[@id="DataTables_Table_0_filter"]/label/input, sipiogot	00:00:00.102
+ KEYWORD	Builtin.Log Test Done	00:00:00.003

### 2.3.3 Fungsi Edit Profile

- a. Test Case 1 ( Firstname ditambah, Lastname kosong)
- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> “Login”
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Input Text	User memasukkan Firstname or Lastname
Click Element	User mengklik button “update profile”

- Snippet Browser saat Testing



- Test report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:47.158
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 12:48:04.937 / 20200112 12:48:52.095 / 00:00:47.158
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:47.091
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 12:48:04.997 / 20200112 12:48:52.088 / 00:00:47.091
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:47.075
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 12:48:05.002 / 20200112 12:48:52.077 / 00:00:47.075
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

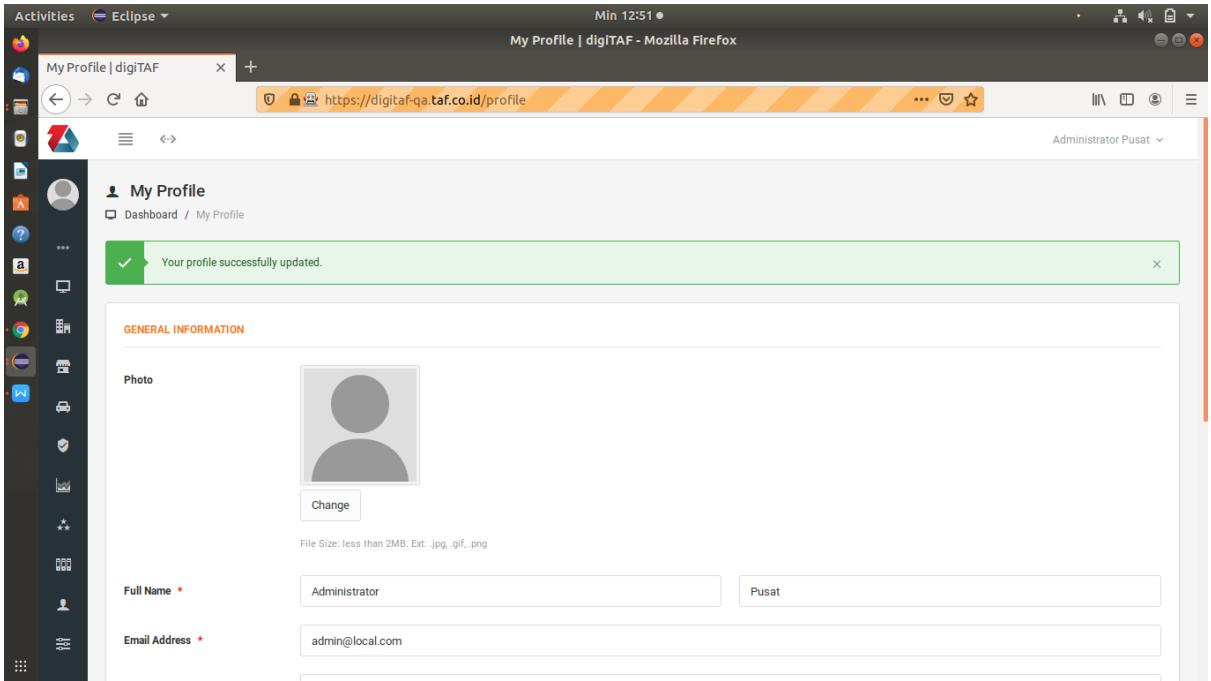
<b>TEST</b> EditProfileTestV1		00:00:46.849
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.EditProfileTestV1	
Start / End / Elapsed:	20200112 12:48:05.225 / 20200112 12:48:52.074 / 00:00:46.849	
Status:	PASS (critical)	
+ KEYWORD	SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:23.442
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.024
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[2]/input, admin@local.com	00:00:00.108
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[3]/input, hello123	00:00:00.067
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div[4]/button	00:00:13.475
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.014
+ KEYWORD	Builtin.Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[1]/div/div/a/img	00:00:01.629
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.006
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary.Input Text xpath=//*[@id="firstname"], Pusat	00:00:00.093
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[2]/div[2]/form/div/div[2]/div/button	00:00:01.957
+ KEYWORD	Builtin.Log Test Done	00:00:00.004

b. Test Case 2 ( Firstname Tetap, Lastname ditambah)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Input Text	User memasukkan Firstname or Lastname
Click Element	User mengklik button "update profile"

- Snippet Browser saat Testing



- Test Report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:34.788
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 12:50:33.512 / 20200112 12:51:08.300 / 00:00:34.788
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:34.747
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 12:50:33.548 / 20200112 12:51:08.295 / 00:00:34.747
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:34.734
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 12:50:33.552 / 20200112 12:51:08.286 / 00:00:34.734
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

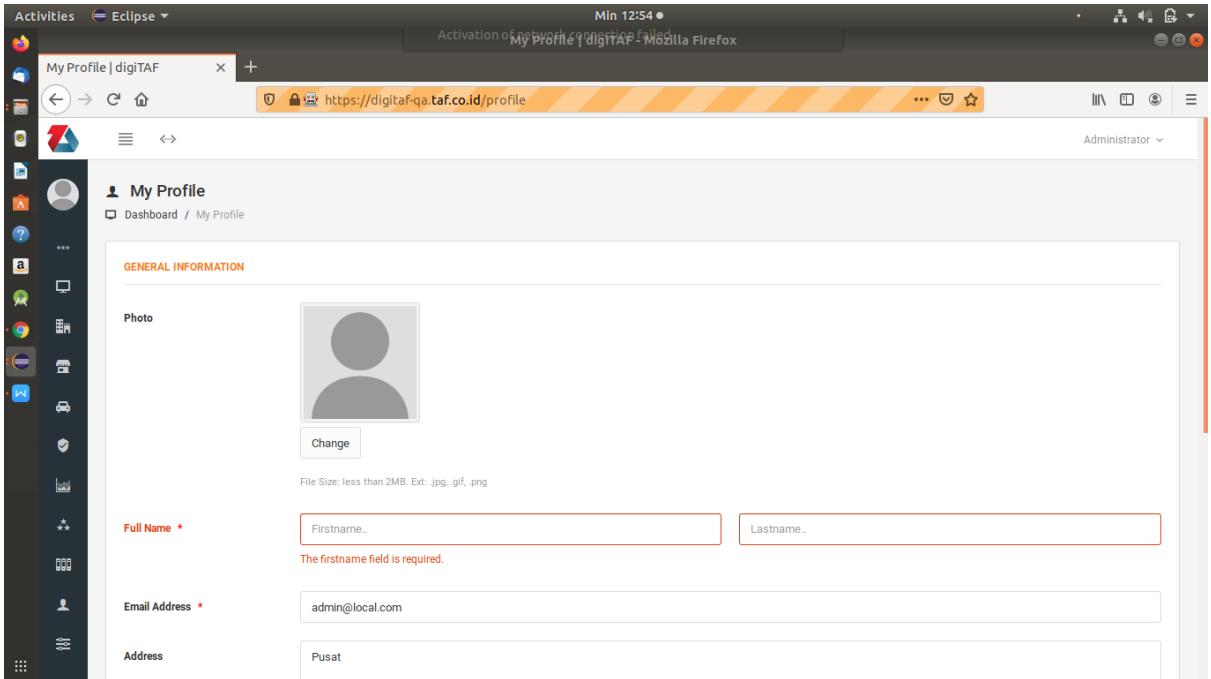
<b>TEST</b>	EditProfileTestV2	00:00:34.514
<b>Full Name:</b>	projectRobotFrameworkPPMPL.TestSuite.Test1.EditProfileTestV2	
<b>Start / End / Elapsed:</b>	20200112 12:50:33.768 / 20200112 12:51:08.282 / 00:00:34.514	
<b>Status:</b>	PASS (critical)	
+ <b>KEYWORD</b>	SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:14.509
+ <b>KEYWORD</b>	SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.017
+ <b>KEYWORD</b>	Builtin.Sleep 2	00:00:02.004
+ <b>KEYWORD</b>	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.125
+ <b>KEYWORD</b>	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.079
+ <b>KEYWORD</b>	SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:10.253
+ <b>KEYWORD</b>	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.020
+ <b>KEYWORD</b>	Builtin.Sleep 2	00:00:02.002
+ <b>KEYWORD</b>	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[1]/div/div/a/img	00:00:01.484
+ <b>KEYWORD</b>	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.009
+ <b>KEYWORD</b>	Builtin.Sleep 2	00:00:02.003
+ <b>KEYWORD</b>	SeleniumLibrary.Input Text xpath=//*[@id="lastname"], Pusat	00:00:00.085
+ <b>KEYWORD</b>	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[2]/div[2]/form/div/div[2]/div/button	00:00:01.901
+ <b>KEYWORD</b>	Builtin.Log Test Done	00:00:00.004

c. Test Case 3( Firstname kosong, Lastname kosong)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Click Element	User mengklik <i>button</i> User Profile
Input Text	User memasukkan Firstname or Lastname
Click Element	User mengklik button "update profile"

- Snippet Browser saat Testing



- Test Report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:29.089
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 12:53:06.099 / 20200112 12:53:35.188 / 00:00:29.089
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:29.032
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 12:53:06.152 / 20200112 12:53:35.184 / 00:00:29.032
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:29.019
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 12:53:06.160 / 20200112 12:53:35.179 / 00:00:29.019
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

-	<b>TEST</b> EditProfileTestV3	00:00:28.788
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.EditProfileTestV3	
Start / End / Elapsed:	20200112 12:53:06.387 / 20200112 12:53:35.175 / 00:00:28.788	
Status:	PASS   (critical)	
+ KEYWORD	SeleniumLibrary. Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:14.245
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 3	00:00:00.012
+ KEYWORD	Builtin. Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.158
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.074
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:04.893
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 5	00:00:00.035
+ KEYWORD	Builtin. Sleep 2	00:00:02.005
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[3]/div/div[1]/div/div[1]/div/div/a/img	00:00:01.409
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 5	00:00:00.015
+ KEYWORD	Builtin. Sleep 2	00:00:02.007
+ KEYWORD	SeleniumLibrary. Clear Element Text xpath=//*[@id="firstname"]	00:00:00.037
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[3]/div/div[2]/div[2]/form/div/div[2]/div/button	00:00:01.872
+ KEYWORD	Builtin. Log Test Done	00:00:00.002

### 2.3.4 Fungsi Search Draft

a. Test case 1 (Valid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> “Login”
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kurSOR ke “Report”
Click Element	User mengklik Drafts
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

Code	Name	Model	Status	Confins	Actions
4	NC 42 E M/T	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>
5	NC 42 G A/T	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>
6	NC 42 G M/T	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>
7	NC 93 E M/T	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>
8	NC 93 E M/T10	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>
9	NC 93 E M/T20	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>
10	NC 93 G A/T	VIOS	ACTIVE	ACTIVE	<a href="#">Edit</a>

- Test report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:33.773
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 13:01:19.103 / 20200112 13:01:52.876 / 00:00:33.773
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:33.731
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 13:01:19.140 / 20200112 13:01:52.871 / 00:00:33.731
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:33.721
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 13:01:19.143 / 20200112 13:01:52.864 / 00:00:33.721
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

TEST SearchCarTypeTestV1		00:00:33.522
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.SearchCarTypeTestV1	
Start / End / Elapsed:	20200112 13:01:19.339 / 20200112 13:01:52.861 / 00:00:33.522	
Status:	PASS (critical)	
+ KEYWORD	SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:20.141
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.021
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[2]/input, admin@local.com	00:00:00.129
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.075
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:06.375
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.013
+ KEYWORD	Builtin.Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a/	00:00:00.304
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/ul/li[5]/a	00:00:02.334 ▾ ▲ ⌂
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]/label/input, VIOS	00:00:00.107
+ KEYWORD	Builtin.Log Test Done	00:00:00.002

b. Test case 1 (Invalid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> “Login”
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke “Report”
Click Element	User mengklik Drafts
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

Activities Eclipse • Min 13:04 •  
Car Type List | digitAF - Mozilla Firefox  
Car Type List | digitAF - Mozilla Firefox  
https://digitaf-qa.taf.co.id/car/types  
Administrator

**Car Type List**  
Dashboard / Manage Car / Car Type List

List of Car Type

Filter: angkot Show: 10

Code	Name	Model	Status	Confins	Actions
No matching records found					

Showing 0 to 0 of 0 entries (filtered from 2,120 total entries)

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- Test report

### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:24.812
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 13:03:42.900 / 20200112 13:04:07.712 / 00:00:24.812
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:24.766
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 13:03:42.942 / 20200112 13:04:07.708 / 00:00:24.766
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:24.754
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 13:03:42.946 / 20200112 13:04:07.700 / 00:00:24.754
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>TEST</b> SearchCarTypeTestV2	00:00:24.547
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.SearchCarTypeTestV2
Start / End / Elapsed:	20200112 13:03:43.150 / 20200112 13:04:07.697 / 00:00:24.547
Status:	PASS (critical)
+ <b>KEYWORD</b> SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:10.053
+ <b>KEYWORD</b> SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.015
+ <b>KEYWORD</b> BuiltIn.Sleep 2	00:00:02.002
+ <b>KEYWORD</b> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.121
+ <b>KEYWORD</b> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.076
+ <b>KEYWORD</b> SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:07.628
+ <b>KEYWORD</b> SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.013
+ <b>KEYWORD</b> BuiltIn.Sleep 2	00:00:02.003
+ <b>KEYWORD</b> SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a/i	00:00:00.318
+ <b>KEYWORD</b> SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/ul/li[5]/a	00:00:02.148
+ <b>KEYWORD</b> SeleniumLibrary.Input Text xpath=/html/body/div[3]/div/div[2]/div[1]/div[2]/div[1]/div[1]/label/input, angkot	00:00:00.145
+ <b>KEYWORD</b> BuiltIn.Log Test Done	00:00:00.002

### 2.3.5 Fungs Search Car Type

#### a. Test Case 1 (Valid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id//</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke "Manage Car"
Click Element	User mengklik Car Type
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

The screenshot shows a Mozilla Firefox browser window with the title 'Car Type List | digitTAF'. The address bar displays the URL <https://digitaf-qa.taf.co.id/car/types>. The main content area is titled 'Car Type List' and shows a table of car types. The table has columns: Code, Name, Model, Status, Confirms, and Actions. A filter bar at the top of the table shows the word 'vios'. The table contains 10 rows, each with a different car code and name, all listed as VIOS with active status. The browser interface includes a sidebar with various icons and a top bar with system controls.

Code	Name	Model	Status	Confirms	Actions
4	NC 42 E M/T	VIOS	ACTIVE	ACTIVE	Edit
5	NC 42 G A/T	VIOS	ACTIVE	ACTIVE	Edit
6	NC 42 G M/T	VIOS	ACTIVE	ACTIVE	Edit
7	NC 93 E M/T	VIOS	ACTIVE	ACTIVE	Edit
8	NC 93 E M/T10	VIOS	ACTIVE	ACTIVE	Edit
9	NC 93 E M/T20	VIOS	ACTIVE	ACTIVE	Edit
10	NC 93 G A/T	VIOS	ACTIVE	ACTIVE	Edit

- Test report

### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:33.773	
Full Name:	projectRobotFrameworkPPMPL	
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL	
Start / End / Elapsed:	20200112 13:01:19.103 / 20200112 13:01:52.876 / 00:00:33.773	
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed	
<b>SUITE</b> TestSuite	00:00:33.731	
Full Name:	projectRobotFrameworkPPMPL.TestSuite	
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite	
Start / End / Elapsed:	20200112 13:01:19.140 / 20200112 13:01:52.871 / 00:00:33.731	
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed	
<b>SUITE</b> Test1	00:00:33.721	
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1	
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot	
Start / End / Elapsed:	20200112 13:01:19.143 / 20200112 13:01:52.864 / 00:00:33.721	
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed	
<b>TEST</b> SearchCarTypeTestV1	00:00:33.522	
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.SearchCarTypeTestV1	
Start / End / Elapsed:	20200112 13:01:19.339 / 20200112 13:01:52.861 / 00:00:33.522	
Status:	PASS   (critical)	
+ KEYWORD	SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:20.141
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.021
+ KEYWORD	Builtin.Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[2]/input, admin@admin.local.com	00:00:00.129
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div[3]/input, hello123	00:00:00.075
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div[4]/button	00:00:06.375
+ KEYWORD	SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.013
+ KEYWORD	Builtin.Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a	00:00:00.304
+ KEYWORD	SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a	00:00:02.334 ▾ ▲ ⌂
+ KEYWORD	SeleniumLibrary.Input Text xpath=/html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]/label/input, VIOS	00:00:00.107
+ KEYWORD	Builtin.Log Test Done	00:00:00.002

b. Test Case 2 (Invalid)

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> “Login”
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kurSOR ke “Manage Car”
Click Element	User mengklik Car Type
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

- Test report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:24.812
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 13:03:42.900 / 20200112 13:04:07.712 / 00:00:24.812
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:24.766
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 13:03:42.942 / 20200112 13:04:07.708 / 00:00:24.766
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:24.754
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 13:03:42.946 / 20200112 13:04:07.700 / 00:00:24.754
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

<b>TEST</b> SearchCarTypeTestV2		00:00:24.547
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.SearchCarTypeTestV2	
Start / End / Elapsed:	20200112 13:03:43.150 / 20200112 13:04:07.697 / 00:00:24.547	
Status:	PASS (critical)	
+ KEYWORD	SeleniumLibrary. Open Browser <a href="https://digitaf-qa.taf.co.id/login">https://digitaf-qa.taf.co.id/login</a> , firefox	00:00:10.053
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 3	00:00:00.015
+ KEYWORD	Builtin. Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.121
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.076
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:07.628
+ KEYWORD	SeleniumLibrary. Set Selenium Implicit Wait 5	00:00:00.013
+ KEYWORD	Builtin. Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary. Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/a/	00:00:00.318
+ KEYWORD	SeleniumLibrary. Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[5]/ul/li[5]/a	00:00:02.148
+ KEYWORD	SeleniumLibrary. Input Text xpath=/html/body/div[3]/div/div[2]/div[2]/div[1]/div[2]/div[1]/label/input, angkot	00:00:00.145
+ KEYWORD	Builtin. Log Test Done	00:00:00.002

### 2.3.6 Fungsi View List of User

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id/</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kurSOR ke "Manage Users"
Click Element	User mengklik Users
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

	Photo	Fullname	Email	Privilege	Status	Actions
<input type="checkbox"/>		HERMAS WICAKSONO	abc	Sales Officer	INACTIVE	<span style="color:red;">≡+</span>
<input type="checkbox"/>		abd latib	abdul.latib@taf.co.id	Sales Officer	ACTIVE	<span style="color:green;">≡+</span>
<input type="checkbox"/>		achmas charis	achmad@yopmail.com	SALES	ACTIVE	<span style="color:green;">≡+</span>
<input type="checkbox"/>		ADITYO PAMBUDI	adityo.pambudi@taf.co.id	Sales Officer	ACTIVE	<span style="color:green;">≡+</span>

- Test report

#### Test Execution Log

<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:27.821
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 13:06:02.117 / 20200112 13:06:29.938 / 00:00:27.821
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:27.778
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 13:06:02.155 / 20200112 13:06:29.933 / 00:00:27.778
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:27.768
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 13:06:02.159 / 20200112 13:06:29.927 / 00:00:27.768
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed

TEST   ViewListOfUserTest		00:00:27.568
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.ViewListOfUserTest	
Start / End / Elapsed:	20200112 13:06:02.357 / 20200112 13:06:29.925 / 00:00:27.568	
Status:	PASS (critical)	
+ KEYWORD	SeleniumLibrary .Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:14.516
+ KEYWORD	SeleniumLibrary .Set Selenium Implicit Wait 3	00:00:00.015
+ KEYWORD	Builtin .Sleep 2	00:00:02.002
+ KEYWORD	SeleniumLibrary .Input Text xpath=/html/body/div[2]/div/div/div/form/div[2]/input, admin@local.com	00:00:00.123
+ KEYWORD	SeleniumLibrary .Input Text xpath=/html/body/div[2]/div/div/div/form/div[3]/input, hello123	00:00:00.078
+ KEYWORD	SeleniumLibrary .Click Element xpath=/html/body/div[2]/div/div/div/form/div[4]/button	00:00:05.277
+ KEYWORD	SeleniumLibrary .Set Selenium Implicit Wait 5	00:00:00.012
+ KEYWORD	Builtin .Sleep 2	00:00:02.003
+ KEYWORD	SeleniumLibrary .Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[10]/a	00:00:00.325
+ KEYWORD	SeleniumLibrary .Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[10]/ul/li[1]/a	00:00:02.838
+ KEYWORD	SeleniumLibrary .Click Element xpath=//*[@id='DataTables_Table_0']/thead/tr/th[4]	00:00:00.358
+ KEYWORD	Builtin .Log Test Done	00:00:00.001

### 2.3.7 Fungsi View List of Packages

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: https://digitaf-qa.taf.co.id//
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kurSOR ke "Manage Packages"
Click Element	User mengklik Packages
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing

Code	Name	Image	Status	Confins	Actions
17037RBFBD	PAKET SOBAT INDIRECT XENIA 2017 - BVF		INACTIVE	INACTIVE	<a href="#">Edit</a>
0	0		INACTIVE	INACTIVE	<a href="#">Edit</a>
1111r	PAKET SERU - RCFCV		INACTIVE	INACTIVE	<a href="#">Edit</a>
113363RCFCV	PAKET DYNA 0% KALIMANTAN (OCT 13) - CVF		INACTIVE	INACTIVE	<a href="#">Edit</a>
12561RCFCVD	PAKET CEMERLANG 25% DAIHATSU KS SEPT 2018 - CVFD		INACTIVE	INACTIVE	<a href="#">Edit</a>
13001RBFBV	PAKET NEW YEAR WITH TOYOTA (FAIR) JAWA BALI SUMATERA (JAN 13)		INACTIVE	INACTIVE	<a href="#">Edit</a>
13001RCFCV	PAKET NEW YEAR WITH TOYOTA (FAIR) JAWA BALI		INACTIVE	INACTIVE	<a href="#">Edit</a>

- Test report

#### Test Execution Log

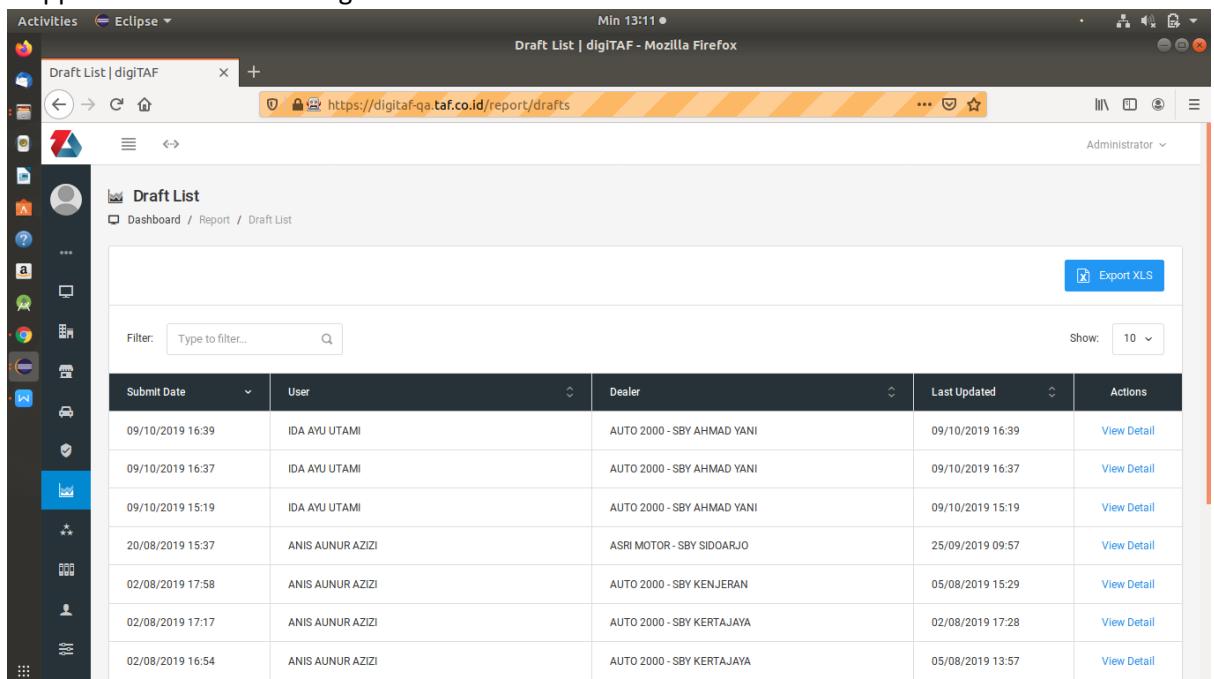
<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:30.550
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 13:08:47.290 / 20200112 13:09:17.840 / 00:00:30.550
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:30.491
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 13:08:47.345 / 20200112 13:09:17.836 / 00:00:30.491
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:30.479
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 13:08:47.353 / 20200112 13:09:17.832 / 00:00:30.479
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>TEST</b> ViewListOfPackageTest	00:00:30.206
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.ViewListOfPackageTest
Start / End / Elapsed:	20200112 13:08:47.623 / 20200112 13:09:17.829 / 00:00:30.206
Status:	PASS (critical)
+ KEYWORD SeleniumLibrary.Open Browser https://digitaf-qa.taf.co.id/login, firefox	00:00:14.451
+ KEYWORD SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.012
+ KEYWORD BuiltIn.Sleep 2	00:00:02.003
+ KEYWORD SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.149
+ KEYWORD SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.070
+ KEYWORD SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:08.922
+ KEYWORD SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.008
+ KEYWORD BuiltIn.Sleep 2	00:00:02.002
+ KEYWORD SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[8]/a/i	00:00:00.315
+ KEYWORD SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[8]/ul/li[1]/a	00:00:02.249
+ KEYWORD BuiltIn.Log Test Done	00:00:00.005

### 2.3.8 Fungsi View Report Draft

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id//</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke "Report"
Click Element	User mengklik Drafts
Input Text	User memasukkan keyword di form filter

- Snippet Browser saat Testing



The screenshot shows a Mozilla Firefox browser window with the title 'Draft List | digitAF'. The address bar indicates the URL is <https://digitaf-qa.taf.co.id/report/drafts>. The main content area displays a table titled 'Draft List' with the following data:

Submit Date	User	Dealer	Last Updated	Actions
09/10/2019 16:39	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 16:39	<a href="#">View Detail</a>
09/10/2019 16:37	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 16:37	<a href="#">View Detail</a>
09/10/2019 15:19	IDA AYU UTAMI	AUTO 2000 - SBY AHMAD YANI	09/10/2019 15:19	<a href="#">View Detail</a>
20/08/2019 15:37	ANIS AUNUR AZIZI	ASRI MOTOR - SBY SIDOARJO	25/09/2019 09:57	<a href="#">View Detail</a>
02/08/2019 17:58	ANIS AUNUR AZIZI	AUTO 2000 - SBY KENJERAN	05/08/2019 15:29	<a href="#">View Detail</a>
02/08/2019 17:17	ANIS AUNUR AZIZI	AUTO 2000 - SBY KERTAJAYA	02/08/2019 17:28	<a href="#">View Detail</a>
02/08/2019 16:54	ANIS AUNUR AZIZI	AUTO 2000 - SBY KERTAJAYA	05/08/2019 13:57	<a href="#">View Detail</a>

- Test report

#### Test Execution Log

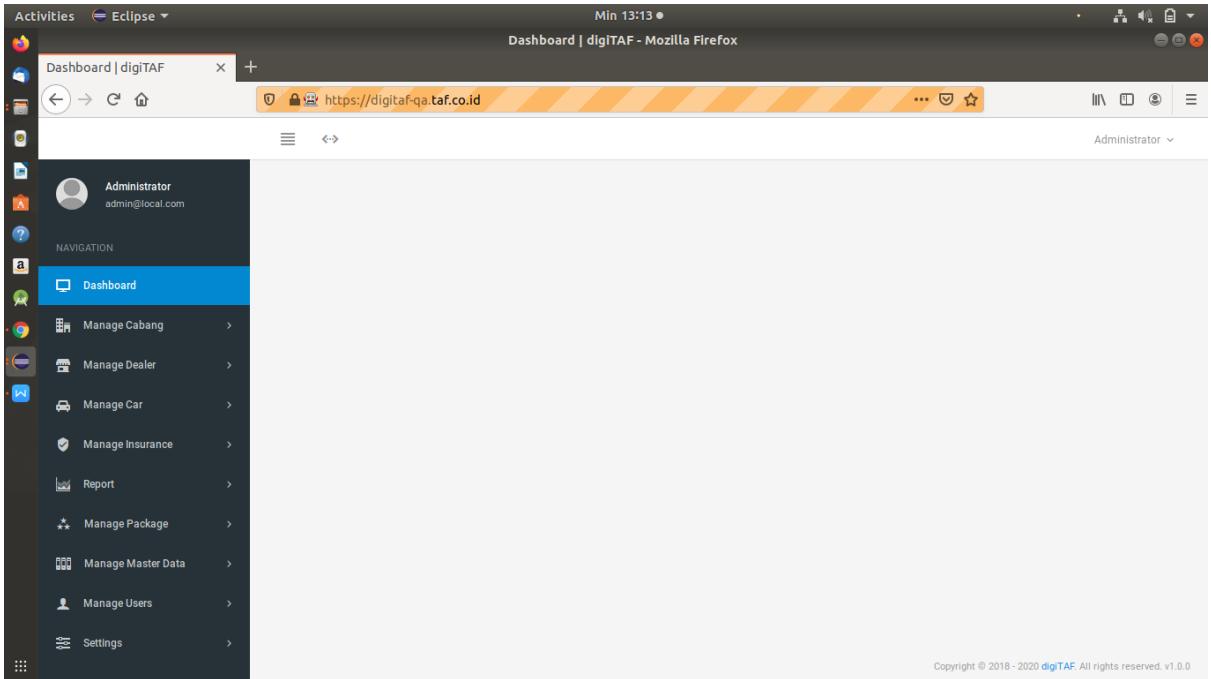
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">SUITE</span> projectRobotFrameworkPPMPL           </li> </ul> </li> </ul> </li> </ul> </li></ul>	00:00:23.498
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Full Name: projectRobotFrameworkPPMPL</li> <li>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL</li> <li>Start / End / Elapsed: 20200112 13:11:00.233 / 20200112 13:11:23.731 / 00:00:23.498</li> <li>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul> </li> </ul> </li></ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">SUITE</span> TestSuite           </li> </ul> </li> </ul> </li></ul>	00:00:23.442
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Full Name: projectRobotFrameworkPPMPL.TestSuite</li> <li>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite</li> <li>Start / End / Elapsed: 20200112 13:11:00.283 / 20200112 13:11:23.725 / 00:00:23.442</li> <li>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul> </li> </ul> </li></ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">SUITE</span> Test1           </li> </ul> </li> </ul> </li></ul>	00:00:23.431
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1</li> <li>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot</li> <li>Start / End / Elapsed: 20200112 13:11:00.287 / 20200112 13:11:23.718 / 00:00:23.431</li> <li>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</li> </ul> </li> </ul> </li> </ul> </li></ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">TEST</span> ViewListReportDraftTest           </li> </ul> </li> </ul>	00:00:23.206
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1.ViewListReportDraftTest</li> <li>Start / End / Elapsed: 20200112 13:11:00.508 / 20200112 13:11:23.714 / 00:00:23.206</li> <li>Status: <span style="border: 1px solid green; padding: 2px 5px;">PASS</span> (critical)</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Open Browser <a href="https://digitaf-qa.taf.co.id/login">https://digitaf-qa.taf.co.id/login</a>, firefox 00:00:12.271</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Set Selenium Implicit Wait 3 00:00:00.017</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> BuiltIn.Sleep 2 00:00:02.003</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com 00:00:00.111</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123 00:00:00.077</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button 00:00:04.502</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Set Selenium Implicit Wait 5 00:00:00.011</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> BuiltIn.Sleep 2 00:00:02.002</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Mouse Over xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/a/i 00:00:00.316</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Click Element xpath=/html/body/div[3]/div/div[1]/div/div[2]/div/ul/li[7]/ul/li[1]/a 00:00:01.876</li> <li>+ <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> BuiltIn.Log Test Done 00:00:00.006</li> </ul> </li> </ul> </li> </ul> </li></ul>	

#### 2.3.9 Fungsi View Detail Main

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id/</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke "Detail Main"
Click Element	User mengklik Detail Main

- Snippet Browser saat Testing



- Test report

#### Test Execution Log

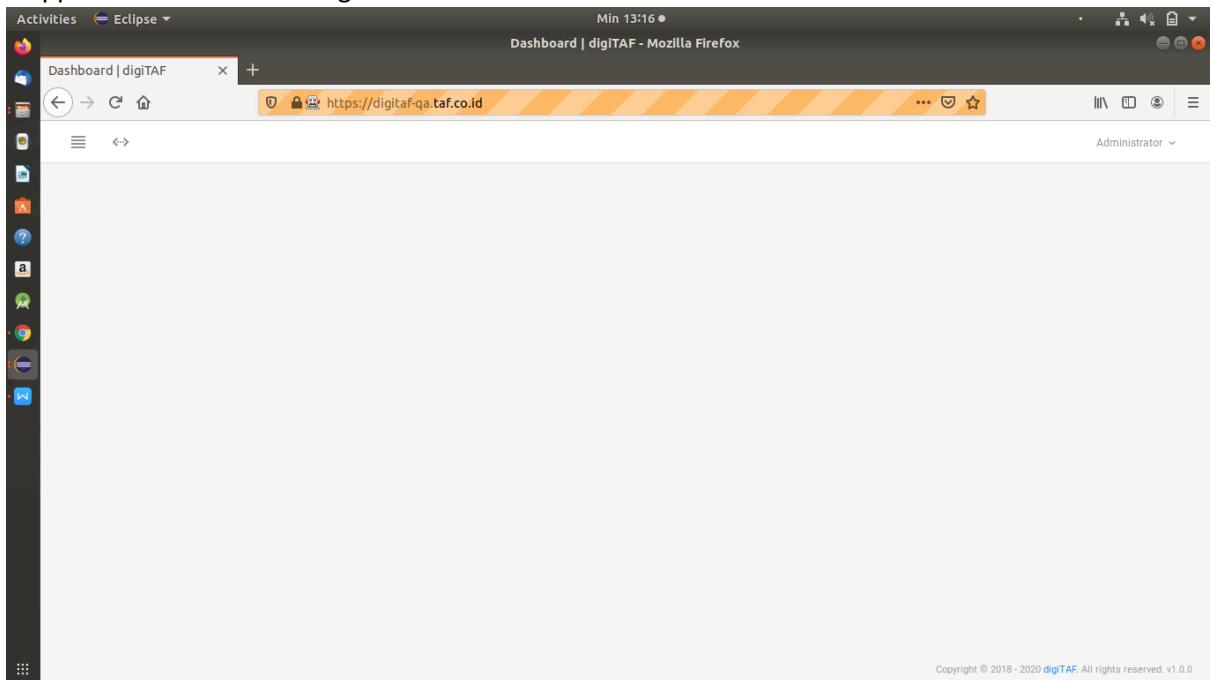
<b>SUITE</b> projectRobotFrameworkPPMPL	00:00:24.651
Full Name:	projectRobotFrameworkPPMPL
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL
Start / End / Elapsed:	20200112 13:13:23.156 / 20200112 13:13:47.807 / 00:00:24.651
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> TestSuite	00:00:24.607
Full Name:	projectRobotFrameworkPPMPL.TestSuite
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite
Start / End / Elapsed:	20200112 13:13:23.197 / 20200112 13:13:47.804 / 00:00:24.607
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>SUITE</b> Test1	00:00:24.597
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1
Source:	/home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot
Start / End / Elapsed:	20200112 13:13:23.201 / 20200112 13:13:47.798 / 00:00:24.597
Status:	1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed
<b>TEST</b> ViewDetailMainTest	00:00:24.367
Full Name:	projectRobotFrameworkPPMPL.TestSuite.Test1.ViewDetailMainTest
Start / End / Elapsed:	20200112 13:13:23.428 / 20200112 13:13:47.795 / 00:00:24.367
Status:	PASS   (critical)
+ KEYWORD SeleniumLibrary.Open Browser https://digital-qa.taf.co.id/login, firefox	00:00:11.715
+ KEYWORD SeleniumLibrary.Set Selenium Implicit Wait 3	00:00:00.026
+ KEYWORD BuiltIn.Sleep 2	00:00:02.003
+ KEYWORD SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com	00:00:00.157
+ KEYWORD SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123	00:00:00.085
+ KEYWORD SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button	00:00:08.057
+ KEYWORD SeleniumLibrary.Set Selenium Implicit Wait 5	00:00:00.009
+ KEYWORD BuiltIn.Sleep 2	00:00:02.003
+ KEYWORD SeleniumLibrary.Click Element xpath=//*[@id="navbar-mobile"]/ul[1]/li[1]/a/i	00:00:00.288
+ KEYWORD BuiltIn.Log Test Done	00:00:00.002

### 2.3.10 Fungsi View Hide Main

- Scenario

Scenario	Description
Open Browser	Alamat yang dituju adalah: <a href="https://digitaf-qa.taf.co.id/">https://digitaf-qa.taf.co.id//</a>
Click Element	User mengklik elemen <i>link</i> "Login"
Input Text	User memasukkan <i>username</i> pada <i>text field</i>
Input Text	User memasukkan password pada <i>text field</i>
Click Element	User mengklik <i>button</i> Login
Mouse Over	User mengarahkan kursor ke "Hide Main"
Click Element	User mengklik Hide Main

- Snippet Browser saat Testing



- Test report

### Test Execution Log

<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">SUITE</span> projectRobotFrameworkPPMPL           </li> </ul> </li> </ul> </li> </ul>	00:00:36.890
<p>Full Name: projectRobotFrameworkPPMPL</p> <p>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL</p> <p>Start / End / Elapsed: 20200112 13:15:24.460 / 20200112 13:16:01.350 / 00:00:36.890</p> <p>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</p>	
<ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">SUITE</span> TestSuite           </li> </ul>	00:00:36.841
<p>Full Name: projectRobotFrameworkPPMPL.TestSuite</p> <p>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite</p> <p>Start / End / Elapsed: 20200112 13:15:24.505 / 20200112 13:16:01.346 / 00:00:36.841</p> <p>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</p>	
<ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">SUITE</span> Test1           </li> </ul>	00:00:36.831
<p>Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1</p> <p>Source: /home/amhas/Documents/PPMPL/projectRobotFrameworkPPMPL/TestSuite/Test1.robot</p> <p>Start / End / Elapsed: 20200112 13:15:24.510 / 20200112 13:16:01.341 / 00:00:36.831</p> <p>Status: 1 critical test, 1 passed, 0 failed 1 test total, 1 passed, 0 failed</p>	
<ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">TEST</span> ViewHideMainTest           </li> </ul>	00:00:36.623
<p>Full Name: projectRobotFrameworkPPMPL.TestSuite.Test1.ViewHideMainTest</p> <p>Start / End / Elapsed: 20200112 13:15:24.714 / 20200112 13:16:01.337 / 00:00:36.623</p> <p>Status: <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">PASS</span> (critical)</p>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Open Browser <a href="https://digitaf-qa.taf.co.id/login">https://digitaf-qa.taf.co.id/login</a>, firefox           </li> </ul> </li> </ul>	00:00:18.111
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Set Selenium Implicit Wait 3           </li> </ul> </li> </ul>	00:00:00.016
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> BuiltIn.Sleep 2           </li> </ul> </li> </ul>	00:00:02.002
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[2]/input, admin@local.com           </li> </ul> </li> </ul>	00:00:00.126
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Input Text xpath=/html/body/div[2]/div/div/div/form/div/div[3]/input, hello123           </li> </ul> </li> </ul>	00:00:00.076
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Click Element xpath=/html/body/div[2]/div/div/div/form/div/div[4]/button           </li> </ul> </li> </ul>	00:00:13.993
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Set Selenium Implicit Wait 5           </li> </ul> </li> </ul>	00:00:00.014
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> BuiltIn.Sleep 2           </li> </ul> </li> </ul>	00:00:02.002
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> SeleniumLibrary.Click Element xpath=//*[@id="navbar-mobile"]/ul[1]/li[2]/a           </li> </ul> </li> </ul>	00:00:00.262
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li> <span style="background-color: #2e7131; color: white; border-radius: 5px; padding: 2px 5px;">KEYWORD</span> BuiltIn.Log Test Done           </li> </ul> </li> </ul>	00:00:00.002

### 3 Kesimpulan

1. Robot framework merupakan tool yang digunakan untuk ATDD
2. Cucumber merupakan tool yang digunakan untuk BDD
3. Cucumber dan Robot framework merupakan automation test dengan menggunakan natural language pada setiap tahapnya, sehingga mudah untuk dipahami.
4. Robot framework lebih mudah digunakan daripada Cucumber karena dalam pada Robot framework lebih mudah untuk menemukan *locator*, baik dalam fungsi *form* ataupun fungsi *view*.