

Laporan Praktikum Pengujian dan Kualitas Perangkat Lunak Week 12a

BDD - Automation Testing Using Cucumber

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Pengujian Aplikasi ZZZ

1. Fungsi Login

a. Scenario

```
1⊖ Feature: Test for Login Action

2
3⊖ Scenario: Test login with Valid Credentials

4 Given I is on a login page

5 When I enter valid username and valid password

6 Then I can login successfully
```

b. Step Definition

c. Test Runner

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```
package runner;

import org.junit.runner.RunWith;

RunWith(Cucumber.class)

Cucumber.Options(features="Features", glue="stepDefinition")

public class TestRunner { }

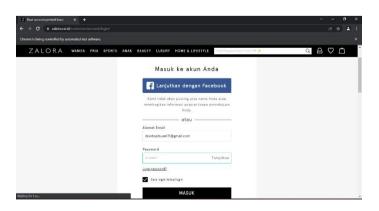
}
```

d. Console setelah Running

```
@Given("^I is on a login page$")
public void I_is_on_a_login_page() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
@When("^I enter valid username and valid password$")
public void I_enter_valid_username_and_valid_password() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
@Then("^I can login successfully$")
public void I_can_login_successfully() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
```

e. Snippet Browser saat Testing





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```
      Z
      Access Denied
      x
      +

      ←
      ⇒
      C
      iii zalora.co.id/customer/account/login/

      Chrome is being controlled by automated test software.
```

Access Denied

You don't have permission to access "http://www.zalora.co.id/customer/account/login/" on this server.

Reference #18 95481160 1650608409 615d6dd

2. Fungsi Login With FB

a. Scenario

```
1⊖ Feature: Test for Login With FB Action
2
3⊝ Scenario: Test login with Valid Credentials
4 Given I is on a login page
5 When I enter valid username and valid password
6 Then I can login successfully
```

b. Step Definition

```
package stepDefinition;
 3⊝ import org.openqa.selenium.By;
4 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;
11 public class LoginFB {
         WebDriver zalora;
13
         @Given("^I is on a login page$")
        public void I_is_on_a_login_page() throws Throwable {
   System.setProperty("webdriver.chrome.driver", "C:\\Program Files\\chromedriver_win32\\chromedriver.exe");
   zalora = new ChromeDriver();
15
16
             zalora.manage().window().maximize();
zalora.get("https://www.zalora.co.id/customer/account/login/");
18
19
20
21
        @When("^I enter valid username and valid password$")
        public void I_enter_valid_username_and_valid_password() throws Throwable {
    zalora.findElement(By.xpath("//*[@id=\"login\"]/div/div[2]/div[1]/div/div[2]/a")).click();
23
24
25
26
         @Then("^I can login successfully$")
        28
29
31
33
        }
34 }
```

c. Test Runner

```
package runner;

package runner;

import org.junit.runner.RunWith;

RunWith(Cucumber.class)

Cucumber.Options(features="Features", glue="stepDefinition")

public class TestRunner { }

}
```

d. Console setelah Running

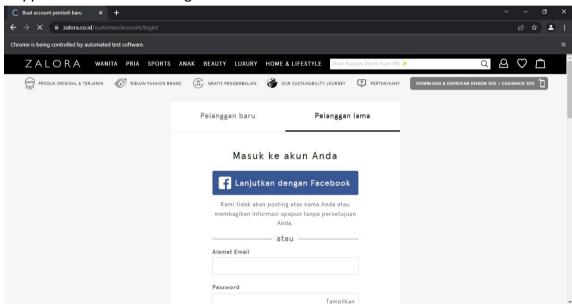
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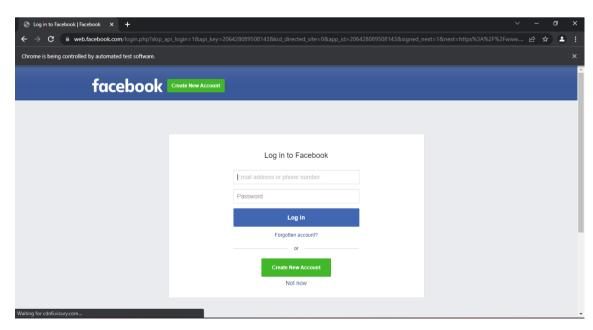


```
@Given("^I is on a login page$")
public void I_is_on_a_login_page() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

@When("^I enter valid username and valid password$")
public void I_enter_valid_username_and_valid_password() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

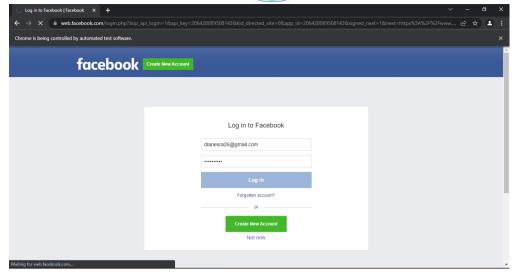
@Then("^I can login successfully$")
public void I_can_login_successfully() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
```

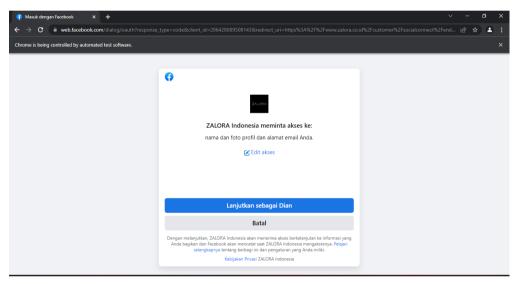




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3. Fungsi Register

a. Scenario

```
1⊖ Feature: Test for Register Action
2
3⊖ Scenario: Test register with Valid Credentials
4 Given I is on Register Page
5 When I inputs the correct form data
6 Then I can register successfully
```

b. Step Definition

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```
8 import cucumber.api.java.en.Given;
    import cucumber.api.java.en.Then;
10 import cucumber.api.java.en.When;
11
12 public class Register {
13
          WebDriver zalora:
14
           @Given("^I is on Register Page$")
          public void I_is_on_Register_Page() throws Throwable {
    System.setProperty("webdriver.chrome.driver", "C:\\Program Files\\chromedriver_win32\\chromedriver.exe");
16
17
18
                zalora = new ChromeDriver();
19
                 zalora.manage().window().maximize();
                zalora.get("https://www.zalora.co.id/customer/account/create/");
20
21
          @When("^I inputs the correct form data$")
23@
          public void I_inputs_the_correct_form_data() throws Throwable {
24
               rate of i_inputs_the_correct_form_data() throws inrowable {
    zalora.findElement(By.id("RegistrationForm_email")).sendKeys("dianhasibuan171@gmail.com");
    zalora.findElement(By.id("RegistrationForm_password")).sendKeys("PKPLWeek12");
    zalora.findElement(By.id("RegistrationForm_gender_0")).click();
    zalora.findElement(By.id("RegistrationForm_first_name")).sendKeys("Dian Hasibuan");
25
26
27
29
30
                // Select tanggal
Select day = new Select(zalora.findElement(By.id("RegistrationForm_day")));
31
32
                day.selectByVisibleText("26");
33
                 // Select month
35
                Select month = new Select(zalora.findElement(By.id("RegistrationForm_month")));
                month.selectByVisibleText("Agustus");
36
37
38
               Select year = new Select(zalora.findElement(By.id("RegistrationForm_year")));
year.selectByVisibleText("2001");
39
40
41
42
          @Then("^I can register successfully$")
43⊜
          public void I_can_register_successfully() throws Throwable {
   zalora.findElement(By.id("send")).click();
45
```

c. Test Runner

```
package runner;

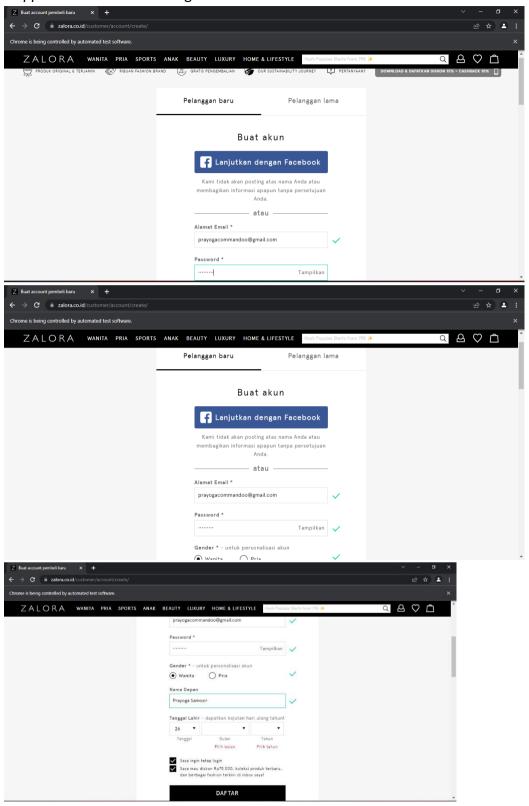
import org.junit.runner.RunWith;

@RunWith(Cucumber.class)
@Cucumber.Options(features="Features", glue="stepDefinition")
public class TestRunner {
}
```

d. Console setelah Running

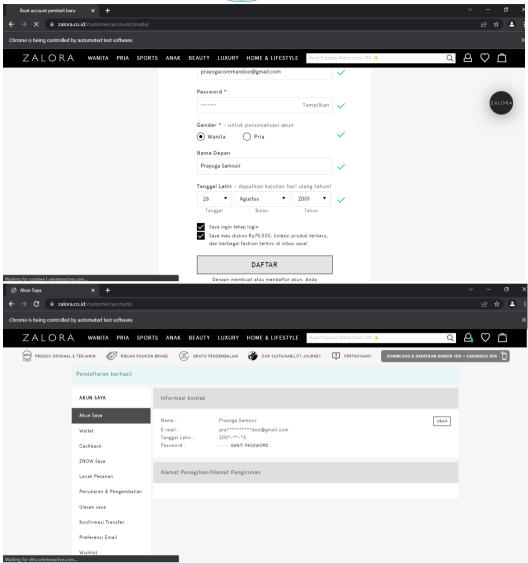
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4. Fungsi Lupa Password

a. Scenario

```
1⊖ Feature: Test for Lupa Password Action
2
3⊖ Scenario: Test bantuan
4 Given I is login page
5 When I clicks link lupa password
6 Then I entered email to verify
```

b. Step Definition

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```
package stepDefinition;
3⊝ import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
   import org.openqa.selenium.chrome.ChromeDriver;
   import cucumber.api.java.en.Given;
8 import cucumber.api.java.en.Then;
   import cucumber.api.java.en.When;
public class LupaPassword {
        WebDriver zalora:
         @Given("^I is login page$")
         public void I_is_login_page() throws Throwable {
    System.setProperty("webdriver.chrome.driver", "C:\\Program Files\\chromedriver_win32\\chromedriver.exe");
16
              zalora = new ChromeDriver();
              zalora.manage().window().maximize();
              zalora.get("https://www.zalora.co.id/customer/account/login/");
21
         @When("^I clicks link lupa password$")
         public void I_clicks_link_lupa_password() throws Throwable {
   zalora.findElement(By.xpath("//*[@id=\"form-account-login\"]/div/fieldset/div[2]/a")).click();
14
170
        @Then("^I entered email to verify$")
         public void I_entered_email_to_verify() throws Throwable {
   zalora.findElement(By.id("ForgotPasswordForm_email")).sendKeys("dianhasibuan171@gmail.com");
   zalora.findElement(By.xpath("//*[@id=\"send\"]")).click();
18
32 }
```

c. Test Runner

```
package runner;

import org.junit.runner.RunWith;

@RunWith(Cucumber.class)
@Cucumber.Options(features="Features", glue="stepDefinition")
public class TestRunner { }

}
```

d. Console setelah Running

```
@Given("^I is login page$")
public void I_is_login_page() throws Throwable {
      // Express the Regexp above with the code you wish you had
      throw new PendingException();
}

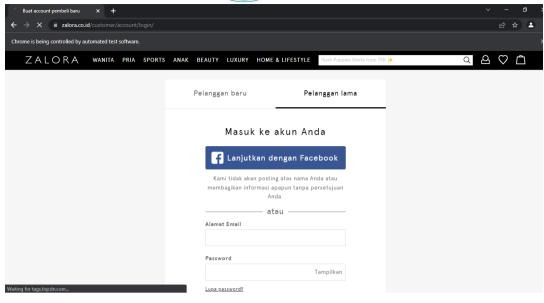
@When("^I clicks link lupa password$")
public void I_clicks_link_lupa_password() throws Throwable {
      // Express the Regexp above with the code you wish you had
      throw new PendingException();
}

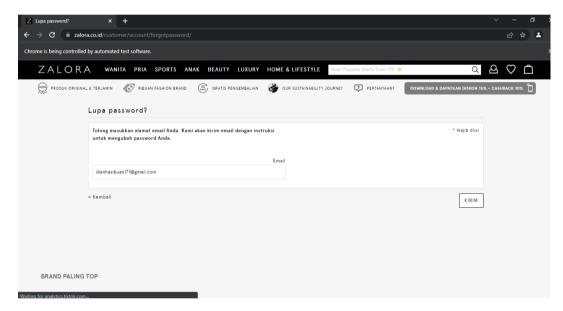
@Then("^I entered email to verify$")
public void I_entered_email_to_verify() throws Throwable {
      // Express the Regexp above with the code you wish you had
      throw new PendingException();
}
```

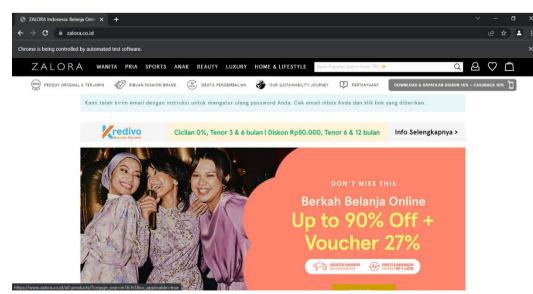
e. Snippet Browser saat Testing

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5. Fungsi Pesan Bantuan

a. Scenario

```
1⊖ Feature: Test for Bantuan Action
2
3⊖ Scenario: Test bantuan
4 Given I is home page
5 When I clicks icon zalora
6 Then I can sent a help message
```

b. Step Definition

```
300 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.chrome.ChromeDriver;
      import cucumber.api.java.en.Given;
   8 import cucumber.api.java.en.Then;
9 import cucumber.api.java.en.When;
 11 public class PesanBantuan {
                  WebDriver zalora:
                  @Given("^I is home page$")
public void I_is_home_page() throws Throwable {
    System.setProperty("webdriver.chrome.driver", "C:\\Program Files\\chromedriver_win32\\chromedriver.exe");
    zalora = new ChromeDriver();
140
                            zalora = new (nromeoriver();
zalora.manage().window().maximize();
zalora.get("https://www.zalora.co.id/women/");
// Wait for 5 %@C%
Thread.sLeep(5000);
18
20
21
22
23
                  @When("^I clicks icon zalora$")
public void I clicks_icon_zalora() throws Throwable {
   zalora.findElement(By.id("ymDivCircle")).click();
   Thread.sleep(5000);
240
 25
                             Thread.sleep(5000);
zalora.findElement(By.id("chatBoxMainContainer")).click();
// zalora.findElement(By.xpath("//*[@id=\"chatOptions\"]/button")).click();
zalora.findElement(By.xpath("//*[@id=\"chatOptions\"]/button")).click();
zalora.findElement(By.xpath("//*[@id=\"chatOptions\"]/button")).click();
zalora.findElement(By.id("ymMsgInput")).sendKeys("Hello");
zalora.findElement(By.id("sendIcon")).click();
 28
29
 30
31
 32
33
34
35
                  }
               @Then("^I can sent a help message$")
public void I_can_sent_a_help_message() throws Throwable {
    zalora.findElement(By.id("sendIcon")).click();
 37⊝
```

c. Test Runner

```
package runner;

import org.junit.runner.RunWith;

RunWith(Cucumber.class)

Cucumber.Options(features="Features", glue="stepDefinition")

public class TestRunner {
}

}
```

d. Console setelah Running

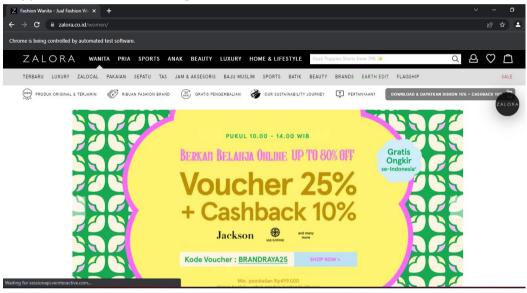
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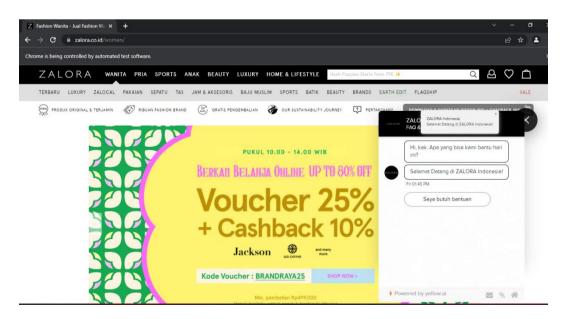


```
@Given("^I is home page$")
public void I_is_home_page() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

@When("^I clicks icon zalora$")
public void I_clicks_icon_zalora() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

@Then("^I can sent a help message$")
public void I_can_sent_a_help_message() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
```





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6. Fungsi Search By Category

a. Scenario

```
1⊖ Feature: Test for Search Action
2
3⊖ Scenario: Test bantuan
4 Given I is on home page
5 When I input the item I want to find
6 Then I successfully searched for items by category
```

b. Step Definition

```
package stepDefinition;
 3⊖ import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
 5 import org.openqa.selenium.chrome.ChromeDriver;
 import cucumber.api.java.en.Given;
import cucumber.api.java.en.Then;
 9 import cucumber.api.java.en.When;
11 public class Search {
12
          WebDriver zalora;
@Given("^I is on home page$")
public void I_is_on_home_page() throws Throwable {
    zalora = new ChromeDriver();
}
13
140
15
16
                zalora.manage().window().maximize();
               zalora.get("https://www.zalora.co.id/");
L9
20
@When("^I input the item I want to find$")
          public void I_input_the_item_I_want_to_find() throws Throwable {
   zalora.findElement(By.xpath("//*[@id=\"onsiteSearch\"]/input")).sendKeys("Baju");
   zalora.findElement(By.xpath("//*[@id=\"onsiteSearch\"]/button")).click();
22
23
24
25
26
27⊝
          @Then("^I successfully searched for items by category$")
28
          public void I_successfully_searched_for_items_by_category() throws Throwable {
               zalora.findElement(By.xpath("//*[@id=\"occasion-filter\"]/div[2]/ul/li[5]/div/input")).click();
29
30
31 }
```

c. Test Runner

```
package runner;

import org.junit.runner.RunWith;

RunWith(Cucumber.class)

Cucumber.Options(features="Features", glue="stepDefinition")

public class TestRunner { }

}
```

d. Console setelah Running

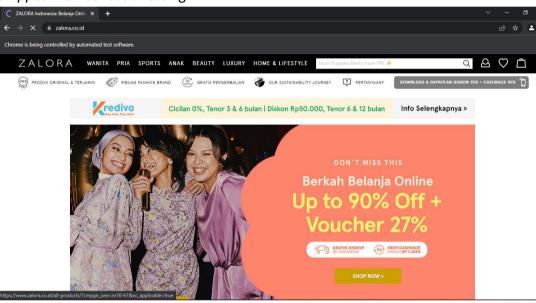
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```
@Given("^I is on home page$")
public void I_is_on_home_page() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

@When("^I input the item I want to find$")
public void I_input_the_item_I_want_to_find() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

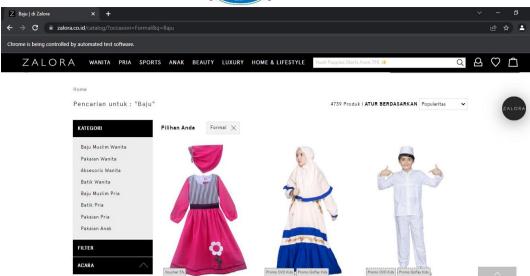
@Then("^I successfully searched for items by category$")
public void I_successfully_searched_for_items_by_category() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
```





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Fayrany

Fayrany

7. Fungsi WishList

a. Scenario

```
1⊖ Feature: Test for Wishlist Action
2
3⊖ Scenario: Test wishlist
4 Given I is on home page
5 When I i choose item
6 Then I put it on the wishlist
```

Baju Kerja (2419)

TWO MIX

b. Step Definition

```
package stepDefinition;
  3⊖ import org.openqa.selenium.By;
4 import org.openqa.selenium.JavascriptExecutor;
  5 import org.openqa.selenium.WebDriver;
  6 import org.openqa.selenium.chrome.ChromeDriver;
8 import cucumber.api.java.en.Given;
9 import cucumber.api.java.en.Then;
10 import cucumber.api.java.en.When;
11
12 public class WishList {
          WebDriver zalora;
13
14
15⊝
           @Given("^I is on home page$")
           public void I_is_on_home_page() throws Throwable {
   zalora = new ChromeDriver();
16
17
18
                zalora.manage().window().maximize();
19
                zalora.get("https://www.zalora.co.id/women/?from=header");
20
 21
           @When("^I i choose item$")
23
24
25
26
          public void I_i_choose item() throws Throwable {
   zalora.findElement(By.xpath("//*[@id=\"jsHeaderCategoryBar\"]/div/div/div/ul[2]/li[4]/a[1]")).click();
                Thread.sleep(5000);
                zalora.findElement(By.xpath("//*[@id=\"F75B5SH7E8E255GS\"]/a")).click();
27
28
29
30
                JavascriptExecutor js = (JavascriptExecutor) zalora;
js.executeScript("window.scroolBy(0, 1500)");
     //
                Thread.sleep(5000);
                zalora.findElement(By.xpath("//*[@id=\"product-box\"]/dix[1]/section/dix[2]/ul/li[2]/a")).click();
 31
     //
32
          }
33
 34⊝
           @Then("^I put it on the wishlist$")
          public void I_put_it_on_the_wishlist() throws Throwable {
   zalora.findElement(By.id("wishlist-link")).click();
   zalora.findElement(By.id("wishlist_icon")).click();
35
36
```

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c. Test Runner

```
package runner;

import org.junit.runner.RunWith;

@RunWith(Cucumber.class)

@Cucumber.Options(features="Features", glue="stepDefinition")

public class TestRunner {
}

}
```

d. Console setelah Running

```
@Given("^I is on home page$")
public void I_is_on_home_page() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

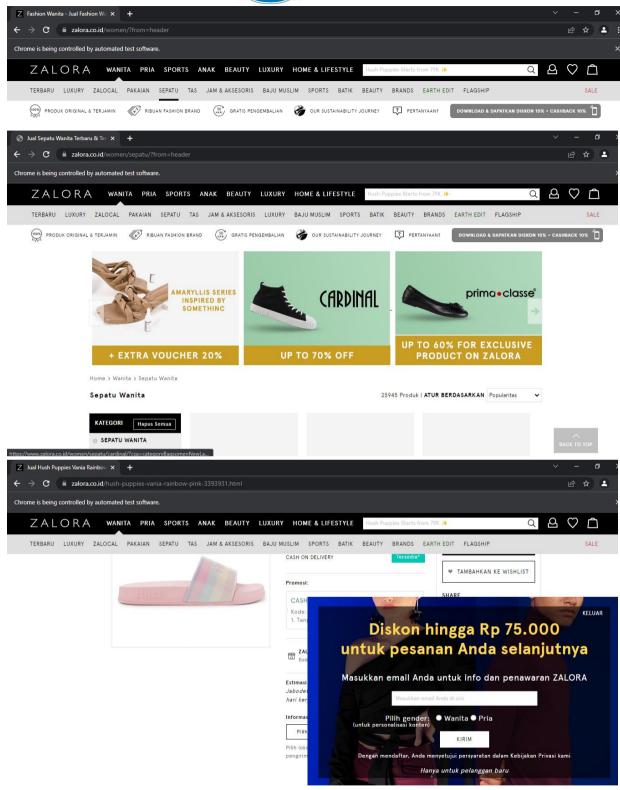
@When("^I i choose item$")
public void I_i_choose_item() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}

@Then("^I put it on the wishlist$")
public void I_put_it_on_the_wishlist() throws Throwable {
    // Express the Regexp above with the code you wish you had
    throw new PendingException();
}
```

e. Snippet Browser saat Testing

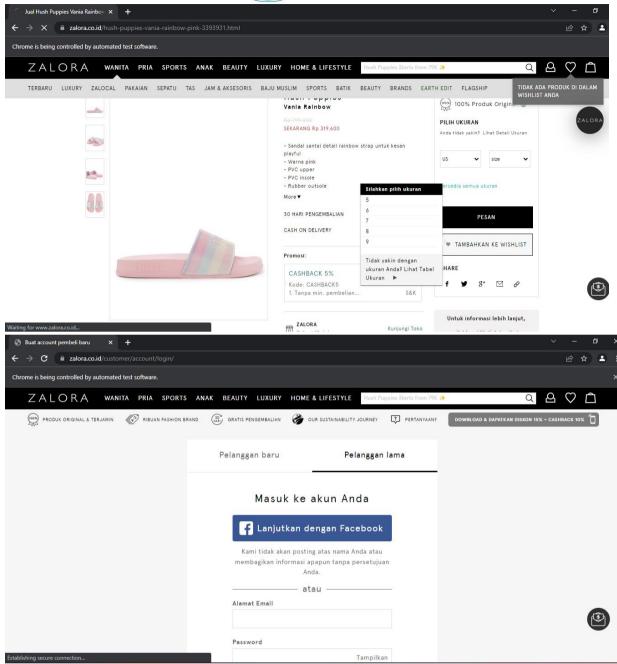
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