Basic Programming

1. Integer

2. Varchar

3. output = 113

4. output = 2

5. output = 3565GoldenStreetMiami

Flaky Test

1. tests that affect your ability to deliver confident results in analyzing failed code, and retrying the test until it is successful, but is often a waste of time for the technician to perform a retrigger

2. Perform the AJAX / Javascript element tester :

* Thread.sleep
* Explicit Waits
* Implicit Waits
* WebdriverWait
* Fluent Wait

3. First of all, take a look at the reCAPTCHA version that was tested, there are two versions of reCAPTCHA, namely v2 and v3.

for reCAPTCHA v2, using some previously generated public test keys,

for reCAPTCHA v3, by generating a separate identification key for testing only, not the key used on the actual production site.

Essay Question Topic

We would be very appreciated if you answer the questions below by not using Katalon and

Postman

1. Create automation test script to test these end-point:

a. GET -> ​https://jsonplaceholder.typicode.com/posts​ -> To make sure this

end-point have a correct data-type below:

■ userId -> Integer

■ id -> Integer

■ title -> String

■ body -> String

b. POST -> ​https://jsonplaceholder.typicode.com/posts​ -> To make sure this

end-point get a correct response compare with the input data:

2. Create automation test script to test 1 of these scenarios using Bukalapak website:

1. **Register**

* register.feature

@RegisterBukalapak

Feature: register bukalapak

@registerEmail

Scenario: Register users on Bukalapak

Given user open www.bukalapak.com

Then user click menu register

Then user input email

Then user click list button

Then user click yes, send code button

Then user input secret code

Then user click verification button

Then user input full name

Then user input password

Then user click save button

Then user click continue

* register\_page.rb

$menu\_register = '//\*[@id="vm\_\_white-header-dweb"]/section/header/div[3]/div/div/div[2]/div/a[1]/p'

$email = '/html/body/main/div/div[2]/section/div[1]/div[1]/div'

$list\_button = '/html/body/main/div/div[2]/section/div[2]/button'

$yes\_send\_code\_button = '//\*[@id="Tfa-1619330542071"]/section/div/div[2]/div/div[2]/div/div/div/div/button[1]'

$secret\_code = '//\*[@id="Tfa-1619332177199"]/section/div/div[2]/div/div[2]/div/div/div/div/div[2]/div[1]/div/input'

$verification\_button = '//\*[@id="Tfa-1619332177199"]/section/div/div[2]/div/div[2]/div/div/div/div/button'

$full\_name = '/html/body/main/div/div[2]/section/div[1]/div[1]/div'

$password = '/html/body/main/div/div[2]/section/div[2]/div[1]/div'

$save\_button = '/html/body/main/div/div[2]/section/button'

$continue\_button = ''

def click\_menu\_register

$browser.find\_element(:xpath, $menu\_register).click()

end

def input\_email(email)

$browser.find\_element(:xpath, $email).send\_keys(email)

end

def click\_list\_button

$browser.find\_element(:xpath, $list\_button).click()

end

def click\_yes\_send\_code\_button

$browser.find\_element(:xpath, $yes\_send\_code\_button).click()

end

def input\_secret\_code(secret\_code)

$browser.find\_element(:xpath, $secret\_code).send\_keys(secret\_code)

sleep(2)

end

def click\_verification\_button

$browser.find\_element(:xpath, $verification\_button).click()

end

def input\_fullname(full\_name)

$browser.find\_element(:xpath, $full\_name).send\_keys(full\_name)

end

def input\_password(password)

$browser.find\_element(:xpath, $password).send\_keys(password)

end

def click\_save\_button

$browser.find\_element(:xpath, $save\_button).click()

end

def click\_continue\_button

$browser.find\_element(:xpath, $continue\_button).click()

end

* register\_step.rb

require\_relative '../support/screen\_action.rb'

Given(/^user open www.bukalapak.com$/) do

maximize\_browser()

open\_url("https://www.bukalapak.com/")

end

Then(/^user click menu register$/) do

click\_menu\_register()

end

Then(/^user input email$/) do

input\_email("faizalhidayat89@gmail.com")

end

Then(/^user click list button$/) do

click\_list\_button()

end

Then(/^user click yes, send code button$/) do

click\_yes\_send\_code\_button()

end

Then(/^user input secret code$/) do

input\_secret\_code("000000")

end

Then(/^user click verification button$/) do

click\_verification\_button()

end

Then(/^user input full name$/) do

input\_fullname("Faizal Hidayat")

end

Then(/^user input password$/) do

input\_password("\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

end

Then(/^user click save button$/) do

click\_save\_button()

end

Then(/^user click continue$/) do

click\_continue\_button()

end

1. **Login**

* login.feature

@LoginBukalapak

Feature: login bukalapak

@login

Scenario: the users login web bukalapak

Given user open www.bukalapak.com

Then user click menu login

Then user input email login

Then user input password login

Then user click login button

Then user click send the code via sms button

Then user input authentication code

Then user click confirmation button

* login\_page.rb

$menu\_login = '//\*[@id="vm\_\_white-header-dweb"]/section/header/div[3]/div/div/div[2]/div/a[2]/p'

$email\_login = '//\*[@id="user\_session\_username"]'

$password\_login = '//\*[@id="user\_session\_password"]'

$login\_button = '/html/body/main/div/div[2]/div[1]/form/div[5]/button'

$send\_the\_code\_via\_sms\_button = '/html/body/main/div/div[2]/div[3]/div[2]/div/div[2]/div/div[2]/div/div'

$authentication\_code = '//\*[@id="otp"]'

$confirmation = '/html/body/main/div/div[2]/div[3]/div[2]/div/div[2]/div/div[2]/form/div[2]'

def click\_menu\_login

$browser.find\_element(:xpath, $menu\_login).click()

end

def input\_email\_login(email\_login)

$browser.find\_element(:xpath, $email\_login).send\_keys(email\_login)

end

def input\_password\_login(password\_login)

$browser.find\_element(:xpath, $password\_login).send\_keys(password)

end

def click\_login\_button

$browser.find\_element(:xpath, $login\_button).click()

end

def click\_send\_the\_code\_via\_sms\_button

$browser.find\_element(:xpath, $send\_the\_code\_via\_sms\_button).click()

end

def input\_authentication\_code(code)

$browser.find\_element(:xpath, $authentication\_code).send\_keys(code)

end

def click\_confirmation\_button

$browser.find\_element(:xpath, $click\_confirmation\_button).click()

* login\_step.rb

require\_relative '../support/screen\_action.rb'

Given(/^user open www.bukalapak.com$/) do

maximize\_browser()

open\_url("https://www.bukalapak.com/")

end

Then(/^user click menu login$/) do

click\_menu\_login()

end

Then(/^user input email login$/) do

input\_email\_login("faisalhidayat89@gmail.com")

end

Then(/^user input password login$/) do

input\_password\_login("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

end

Then(/^user click login button$/) do

click\_login\_button()

end

Then(/^user click send the code via sms button$/) do

click\_send\_the\_code\_via\_sms\_button()

end

Then(/^user input authentication code$/) do

input\_authentication\_code("49919")

end

Then(/^user click confirmation button$/) do

click\_confirmation\_button()

end

1. **Add to Cart**

* addToCart.feature
* addToCart\_page.rb
* addToCart\_step.rb

1. **Search Product**

* searchProduct.feature
* searchProduct\_page.rb
* searchProduct\_step.rb

3. Download this apk:

https://apkpure.com/sample-android-app-login-test/com.loginmodule.learning/download?

from=details

Create and automation test (positive and negative)for apps with 1 of these scenarios:

a. Register

b. Login