SOFTWARE AUTOMATION TESTING

1.TESTCASE ID:TC_datadtriven_001

import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

```
import com.kms.katalon.core.testobject.TestObject as
TestObject

import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.setText(findTestObject('Object
Repository/datadriven or/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ccef60'),

    username)


WebUI.setText(findTestObject('Object
Repository/datadriven or/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ab63fc'),

    password)


WebUI.click(findTestObject('Object Repository/datadriven
or/Page_Facebook  log in or sign up/button_Log in'))
```

2.TESTCASE ID:TC_FB_CREATE NEW ACCOUNT

```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject
```

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/a_Create new
account'))


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_concat(We couldn, , t create your acc_8e27d1'),

    'RAMBABU')


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_concat(We couldn, , t create your acc_342d17'),

    'KARNENA')


WebUI.setText(findTestObject('signup
email/Page_Facebook  log in or sign up/input_concat(We
couldn, , t create your accountWe were not able to sign you
up for Facebook.)_reg_email__'),
```

```
    '6305707250')


WebUI.setEncryptedText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_concat(We couldn, , t create your acc_7f0a99'),

    'Omd0hETkjOFUn4xqEq095w==')


WebUI.selectOptionByValue(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/select_1234567891011121314151617181920212222_56
6da4'),

    '7', true)


WebUI.selectOptionByValue(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/select_JanFebMarAprMayJunJulAugSepOctNovDec'),

    '6', true)


WebUI.selectOptionByValue(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/select_20242023202220212020201920182017201 6_72
37a8'),

    '2005', true)


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Male_sex'))


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/button_Sign
Up'))
```

3.TESTCASE ID:TC_FB_LOGIN_001

```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject
```

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ccef60'),

   '6305707250')


WebUI.setEncryptedText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ab63fc'),

   'Omd0hETkjOFUn4xqEq095w==')


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/button_Log
in'))
```

4.TESTCASE ID:TC_FB_LOGIN_FORGOTPASSWORD

```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject
```

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ccef60'),

   '6305707250')


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/a_Forgotten
password'))


WebUI.setText(findTestObject('Object
Repository/Page_Forgotten Password  Cant Log In
Facebook/input_Please enter your email address or
mo_025e92'),

   '6305707250')


WebUI.click(findTestObject('Object
Repository/Page_Forgotten Password  Cant Log In
Facebook/button_Search'))
```

5.TESTCASE ID:TC_FB_LOGIN_INVALIDPASSWORD

```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject
```

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ccef60'),

    '6305707250')


WebUI.setEncryptedText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ab63fc'),

    'WxnaThazM4FXyLaRpH7BUw==')


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/button_Log
in'))
```

6.TESTCASE ID:TC_FB_LOGIN_INVALIDUSERNAME

```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject
```

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ccef60'),

    '630570SFGKHBG')


WebUI.setEncryptedText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ab63fc'),

    'Omd0hETkjOFUn4xqEq095w==')


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/button_Log
in'))
```

7.TESTCASE ID:TC_FB_SEARCH DATADRIVEN

```
import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCh
eckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCas
e

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestDat
a

import static
com.kms.katalon.core.testobject.ObjectRepository.findTest
Object

import static
com.kms.katalon.core.testobject.ObjectRepository.findWin
dowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywo
rds as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywor
ds as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject
```

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.click(findTestObject('Page_(3) Facebook/label_Find
friends_x1a2a7pz x1qjc9v5 xnwf7z_c1469e'))


WebUI.setText(findTestObject('Page_(3)
Facebook/input_Recent_x1i10hfl xggy1nq x1s07b3s
x1kd_10f3db'), search)


WebUI.delay(5)
```

8.TESTCASE ID:TC_FB_SEARCH_001

import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCase

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestData

import static
com.kms.katalon.core.testobject.ObjectRepository.findTestObject

import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as Checkpoint

import com.kms.katalon.core.cucumber.keyword.CucumberBuiltin Keywords as CucumberKW

import com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile

import com.kms.katalon.core.model.FailureHandling as FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywords as TestNGKW

```
import com.kms.katalon.core.testobject.TestObject as
TestObject

import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.setText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ccef60'),

    '6305707250')


WebUI.setEncryptedText(findTestObject('Object
Repository/Page_Facebook  log in or sign
up/input_Facebook helps you connect and share _ab63fc'),

    'Omd0hETkjOFUn4xqEq095w==')


WebUI.click(findTestObject('Object
Repository/Page_Facebook  log in or sign up/button_Log
in'))


WebUI.delay(10)
```

```
WebUI.click(findTestObject('Object Repository/Page_(3)
Facebook/label_Find friends_x1a2a7pz x1qjc9v5
xnwf7z_c1469e'))


WebUI.setText(findTestObject('Object Repository/Page_(3)
Facebook/input_Recent_x1i10hfl xggy1nq x1s07b3s
x1kd_10f3db'),

   'virat kohli')


WebUI.click(findTestObject('Object Repository/Page_(3)
Facebook/div_Virat_x6s0dn4 x443n21 x1o1ewxj x3x9cwd
_3f2a81'))
```

9.TESTCASE ID:test listener

import static
com.kms.katalon.core.checkpoint.CheckpointFactory.findCheckpoint

import static
com.kms.katalon.core.testcase.TestCaseFactory.findTestCase

import static
com.kms.katalon.core.testdata.TestDataFactory.findTestData

import static
com.kms.katalon.core.testobject.ObjectRepository.findTestObject

import static
com.kms.katalon.core.testobject.ObjectRepository.findWindowsObject

import com.kms.katalon.core.checkpoint.Checkpoint as
Checkpoint

import
com.kms.katalon.core.cucumber.keyword.CucumberBuiltin
Keywords as CucumberKW

import
com.kms.katalon.core.mobile.keyword.MobileBuiltInKeywords as Mobile

import com.kms.katalon.core.model.FailureHandling as
FailureHandling

import com.kms.katalon.core.testcase.TestCase as TestCase

import com.kms.katalon.core.testdata.TestData as TestData

import
com.kms.katalon.core.testng.keyword.TestNGBuiltinKeywords as TestNGKW

import com.kms.katalon.core.testobject.TestObject as
TestObject

```
import
com.kms.katalon.core.webservice.keyword.WSBuiltInKeyw
ords as WS

import
com.kms.katalon.core.webui.keyword.WebUiBuiltInKeywor
ds as WebUI

import
com.kms.katalon.core.windows.keyword.WindowsBuiltinKe
ywords as Windows

import internal.GlobalVariable as GlobalVariable

import org.openqa.selenium.Keys as Keys

WebUI.openBrowser('')


WebUI.navigateToUrl('https://www.facebook.com/')


WebUI.click(findTestObject('Object Repository/test listener
or/Page_(2) Facebook/label_Find friends_x1a2a7pz
x1qjc9v5 xnwf7z_c1469e'))


WebUI.setText(findTestObject('Object Repository/test
listener or/Page_(2) Facebook/input_Recent_x1i10hfl
xggy1nq x1s07b3s x1kd_10f3db'),

    'virat')


WebUI.click(findTestObject('Object Repository/test listener
or/Page_(2) Facebook/span_Virat Kohli'))
```