**POMFramewokSBA- Project**

1. **com.cog.BrowserLaunch- Package**

login- Class

*package com.cog.BrowserLaunch;*

*import org.openqa.selenium.WebDriver;*

*import org.openqa.selenium.chrome.ChromeDriver;*

*public class login {*

*public static void main(String[] args) {*

*System.setProperty("webdriver.chrome.driver", "C:\\SBA\_Selenium\\Application\\chromedriver.exe");*

*WebDriver driver = new ChromeDriver();*

*driver.get("http://www.google.com");*

*}*

*}*

com.cog.page – Package

HomePage- Class

*package com.cog.page;*

*import org.openqa.selenium.By;*

*import org.openqa.selenium.WebDriver;*

*import org.openqa.selenium.support.ui.ExpectedConditions;*

*import org.openqa.selenium.support.ui.WebDriverWait;*

*public class HomePage {*

*WebDriver driver;*

*WebDriverWait wait;*

*private static String Registration ="//li[@id='menu-item-374']";*

*public HomePage(WebDriver driver){*

*this.driver=driver;*

*wait=new WebDriverWait(driver,60);*

*}*

*public void verifyRegistrationButton()*

*{*

*wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath(Registration)));*

*driver.findElement(By.xpath(Registration)).click();*

*}*

*public void maxmizeWindow() throws InterruptedException{*

*driver.manage().window().maximize();*

*Thread.sleep(5000);*

*}*

*}*

RegistrationPage- Class

*package com.cog.page;*

*import org.openqa.selenium.By;*

*import org.openqa.selenium.WebDriver;*

*import org.openqa.selenium.WebElement;*

*import org.openqa.selenium.support.ui.ExpectedConditions;*

*import org.openqa.selenium.support.ui.Select;*

*import org.openqa.selenium.support.ui.WebDriverWait;*

*public class RegistrationPage {*

*WebDriver driver;*

*WebDriverWait wait;*

*private static String FirstName="f";*

*private static String LastName="";*

*private static String MaritalStatus="";*

*private static String Hobby="";*

*private static String Country="//select[@id='dropdown\_7']";*

*private static String DOB="";*

*private static String PhoneNO="";*

*private static String UserName="";*

*private static String Email="";*

*private static String AboutYourSelf="";*

*private static String Password="";*

*private static String ConfirmPassword="";*

*public RegistrationPage(WebDriver driver)*

*{*

*this.driver=driver;*

*wait = new WebDriverWait(driver, 60);*

*}*

*public void enterFirstName(String firstname) throws InterruptedException{*

*wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath(FirstName)));*

*driver.findElement(By.xpath(FirstName)).sendKeys(firstname);*

*Thread.sleep(3000);*

*}*

*public void enteLastName(String lastname) throws InterruptedException{*

*wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath(LastName)));*

*driver.findElement(By.xpath(LastName)).sendKeys(lastname);*

*Thread.sleep(3000);*

*}*

*public void maritalStatus()throws InterruptedException{*

*wait.until(ExpectedConditions.elementToBeClickable(By.xpath(MaritalStatus)));*

*driver.findElement(By.xpath(FirstName)).click();*

*Thread.sleep(3000);*

*}*

*public void hobbey()throws InterruptedException{*

*wait.until(ExpectedConditions.elementToBeClickable(By.xpath(Hobby)));*

*driver.findElement(By.xpath(Hobby)).click();*

*Thread.sleep(3000);*

*}*

*public void country(String country) throws InterruptedException{*

*wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath(Country)));*

*WebElement wb=driver.findElement(By.xpath(Country));*

*Select sel=new Select(wb);*

*sel.selectByVisibleText(country);*

*Thread.sleep(3000);*

*}*

*public void dateOfBith(String dateofbirth)throws InterruptedException{*

*driver.findElement(By.xpath(FirstName)).sendKeys(dateofbirth);*

*wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath(LastName)));*

*Thread.sleep(3000);*

*}*

*}*

com.cog.TestDataConfig- Package

config.properties- class

*browser:chrome*

*url:http://demoqa.com*

*firstname:Rahul*

*country:India*

*dateofbirth:*

*maritalstatus:*

com.cog.tests

DemoqaTest

package com.cog.tests;

import org.testng.annotations.\*;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

import org.testng.annotations.BeforeMethod;

import com.cog.page.HomePage;

import com.cog.page.RegistrationPage;

import com.cog.util.TestDataFile;

import com.cog.util.Utility;

@SuppressWarnings("deprecation")

public class DemoqaTest {

WebDriver driver;

HomePage hp;

RegistrationPage rp;

@BeforeMethod

public void initializtion() {

if (TestDataFile.getValue("browser").equalsIgnoreCase("chrome")) {

System.setProperty("webdriver.chrome.driver",

"C:\\SBA\_Selenium\\Application\\chromedriver.exe");

driver = new ChromeDriver();

} else {

driver = new FirefoxDriver();

}

hp = new HomePage(driver);

rp = new RegistrationPage(driver);

}

@Test

public void demoQARegistration()throws InterruptedException{

Utility util = new Utility(driver);

util.launchApplication(TestDataFile.getValue("url"));

//hp.maxmizeWindow();

hp.verifyRegistrationButton();

driver.close();

}

}

com.cog.util

TestDataFile- class

package com.cog.util;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.io.InputStream;

import java.util.Properties;

//import com.cog.TestDataConfig.\*;

public class TestDataFile {

static Properties prop = new Properties();

static InputStream input = null;

private static String value;

public static String getValue(String key) {

try {

input = new FileInputStream("C:\\SBA\_Selenium\\POMFramewokSBA\\src\\com\\cog\\TestDataConfig\\config.properties");

prop.load(input);

value = (String) prop.get(key);

} catch (FileNotFoundException e) {

e.printStackTrace();

} catch (IOException e) {

e.printStackTrace();

} finally {

if (input != null) {

try {

input.close();

} catch (IOException e) {

e.printStackTrace();

}

}

}

return value;

}

}

Utility- class

**package** com.cog.util;

**import** org.openqa.selenium.WebDriver;

**public** **class** Utility {

WebDriver driver;

**public** Utility() {

}

**public** Utility(WebDriver driver) {

**this**.driver = driver;

}

**public** **void** launchApplication(String url) {

System.*out*.println("Launching Url: " + url);

driver.get(url);

}

}