

Compreg Website Report

Automated regression testing for the login and sign-up process

Script written for Login page



CompregLoginPage.java

```
package pages;

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

public class CompregLoginPage {

    WebDriver driver;

    By compregusername=By.name("username");
    By compregpassword=By.name("password");
    By compreglogin=By.xpath("//*[@class='jss4']/button");

    public CompregLoginPage(WebDriver driver)
    {
        this.driver=driver;
    }

    public void setvalueslogin(String username,String password)
    {
        driver.findElement(compregusername).sendKeys(username);
        driver.findElement(compregpassword).sendKeys(password);
    }

    public void titleverification()
    {
        String actualtitle = driver.getTitle();
        if(actualtitle.equals("COMPREG"))
        {
            System.out.println("titleverification- pass");
        }
        else
        {

```

```

        System.out.println("titleverification-fail");
    }
}

public void login()
{
    driver.findElement(compreglogin).click();
}
}

```



```

package test;

import java.time.Duration;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterClass;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;
import pages.CompregLoginPage;

public class CompregLoginTest {

    WebDriver driver;
    String baseUrl="http://compreg.deepnetsoft.com/";

    @BeforeTest
    public void setup()
    {
        WebDriverManager.chromedriver().setup();
        driver=new ChromeDriver();
        driver.manage().window().maximize();

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(20));
    }
}

```

```

    }
    @BeforeMethod
    public void url()
    {
        driver.get(baseurl);
    }

    @Test
    public void testlogin()
    {
        CompregLoginPage ob=new CompregLoginPage(driver);
        ob.titleverification();
        ob.setvalueslogin("divya@gmail.com", "password");
        ob.login();
        //driver.navigate().back();
    }

    @AfterMethod
    public void closeb()
    {
        //    driver.close();
        System.out.println("Finished Test On Chrome Browser");
    }
    @AfterClass
    public void quitd()
    {
        //driver.quit();
    }
}

```

Script written for Signup page



CompregSignupPage.java

```

package pages;

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

```

```

public class CompregSignupPage {

    WebDriver driver;

    By compregfirstname=By.name("firstName");
    By compreglastname=By.name("lastName");
    By compregusername=By.name("username");
    By compregemail=By.name("email");
    By compregtelephone=By.name("phone");
    By compregpassword=By.name("password");
    By compregconfirmpassword=By.name("confirmPassword");
    By compregnextbutton=By.xpath("//button[@type='submit']");

    public CompregSignupPage(WebDriver driver)
    {
        this.driver=driver;
    }

    public void setvaluessignup(String firstName,String lastName,String username,String
    email,String phone,String password,String confirmPassword)
    {
        driver.findElement(compregfirstname).sendKeys(firstName);
        driver.findElement(compreglastname).sendKeys(lastName);
        driver.findElement(compregusername).sendKeys(username);
        driver.findElement(compregemail).sendKeys(email);
        driver.findElement(compregtelephone).sendKeys(phone);
        driver.findElement(compregpassword).sendKeys(password);
        driver.findElement(compregconfirmpassword).sendKeys(confirmPassword);
    }

    public void signup()
    {
        driver.findElement(compregnextbutton).click();
    }
}

```

```

package test;

import java.time.Duration;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.testng.annotations.AfterClass;
import org.testng.annotations.AfterMethod;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;
import pages.CompregSignupPage;

public class CompregSignupTest {

    WebDriver driver;
    String baseUrl="http://compreg.deepnetsoft.com/register" ;

    @BeforeTest
    public void setup()
    {
        WebDriverManager.chromedriver().setup();
        driver=new ChromeDriver();
        driver.manage().window().maximize();

        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(20));

    }
    @BeforeMethod
    public void url()
    {
        driver.get(baseUrl);

    }

    @Test
    public void testsignup()
    {

```

```

        CompregSignupPage ob=new CompregSignupPage(driver);

        ob.setvaluessignup("aaa","sss","kkk","l1l@gmail.com","9876543245","jjjkkk","jj
jkkk");

        ob.signup();

    }

    @AfterMethod
    public void closeb()
    {
        // driver.close();
        System.out.println("Finished Test On Chrome Browser");
    }
    @AfterClass
    public void quitd()
    {
        //driver.quit();
    }
}

```

Summary

After the detailed automated regression test the Compreg website login and sign up process found as bug free. Login and sign up functions are working well and also found that if an invalid user trying to login to the website it shows an alert message “no user found”.

Submitted by

DIVYA K M