**Test Script**

1. **Signup/Registration**

**Code:**

using OpenQA.Selenium;

using OpenQA.Selenium.Chrome;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading;

using System.Threading.Tasks;

namespace SeleniumTest

{

class SignUp

{

static void Main(string[] args)

{

Console.Write("test case started ");

//create the reference for the browser

IWebDriver driver = new ChromeDriver();

// navigate to URL

driver.Navigate().GoToUrl("http://localhost/WebTechProject/view/signUp.php");

Thread.Sleep(2000);

IWebElement ele1 = driver.FindElement(By.Name("name"));

//enter the value in email box

ele1.SendKeys("Jhon Adams");

// identify the email box

IWebElement ele2 = driver.FindElement(By.Name("uname"));

//enter the value in email box

ele2.SendKeys("al9o12");

Thread.Sleep(2000);

IWebElement ele3 = driver.FindElement(By.Name("email"));

//enter the value in email box

ele3.SendKeys("al9o12@gmail.com");

IWebElement ele4 = driver.FindElement(By.Name("nid"));

//enter the value in email box

ele4.SendKeys("123456789");

// identify the password box

IWebElement ele5 = driver.FindElement(By.Name("pass"));

//enter the password in box

ele5.SendKeys("123456");

Thread.Sleep(2000);

IWebElement ele6 = driver.FindElement(By.Name("repass"));

//enter the password in box

ele6.SendKeys("123456");

Thread.Sleep(2000);

//identify the log in button

IWebElement ele7 = driver.FindElement(By.Name("submit"));

//click on the log in button

ele7.Click();

Thread.Sleep(3000);

//close the browser driver.Close();

Console.Write("test case ended ");

}

}

}

1. **Signin/Login**

**Code:**

using OpenQA.Selenium;

using OpenQA.Selenium.Chrome;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading;

using System.Threading.Tasks;

namespace SeleniumTest

{

class SignIn

{

static void Main(string[] args)

{

Console.Write("test case started ");

//create the reference for the browser

IWebDriver driver = new ChromeDriver();

// navigate to URL

driver.Navigate().GoToUrl("http://localhost/WebTechProject/view/signIn.php");

Thread.Sleep(2000);

// identify the email box

IWebElement ele = driver.FindElement(By.Name("uname"));

//enter the value in email box

ele.SendKeys("al9o12");

Thread.Sleep(2000);

// identify the password box

IWebElement ele2 = driver.FindElement(By.Name("pass"));

//enter the password in box

ele2.SendKeys("123456");

Thread.Sleep(2000);

//identify the log in button

IWebElement ele1 = driver.FindElement(By.Name("submit"));

//click on the log in button

ele1.Click();

Thread.Sleep(3000);

//close the browser

driver.Close();

Console.Write("test case ended ");

}

}

}

**Test Case for Signup/Registration**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Name: Web Project | | | Test Designed by: Asibul | | |
| Test Case ID: Script\_1 | | | Test Designed date:26/04/23 | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: ASIBUL | | |
| Module Name: Signup session | | | Test Execution date: 27/04/23 | | |
| Test Title: To verify that user has valid username, Gmail, unique id and password. | | |  | | |
| Description: Test website signup page. | | |  | | |
| Precondition (If any): User must have unique username, Gmail and id. | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website 2. Enter Signup button. 3. Enter Username. 4. Enter email. 5. Enter id. 6. Enter Password. 7. Reenter password. 8. Click submit | Username: al9012  Email: [a19012@gmail.com](mailto:a19012@gmail.com)  Id: 123456789,  Password: 123456  Again Pass:123456 | User should signup into the application | | As expected, | Pass |
| Post Condition: User is validated with database and successfully signup to account. The account session details are signed up in the database. | | | | | |

**Test case for Sign in/Login**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project Name: Web Project | | | Test Designed by: ASIBUL | | |
| Test Case ID: Script\_2 | | | Test Designed date:26/04/23 | | |
| Test Priority (Low, Medium, High): Medium | | | Test Executed by: ASIBUL | | |
| Module Name: Login Session | | | Test Execution date: 27/04/23 | | |
| Test Title: verify login with valid username and password | | |  | | |
| Description: Test website login page | | |  | | |
| Precondition (If any): User must have valid username and password | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Go to the website 2. Enter username 3. Enter password 4. Click submit | Username: al9012  Password: 123456 | User should login into the application | | As expected, | Pass |
| Post Condition: User is validated with database and successfully login to account. The account session details are logged in the database. | | | | | |