**Testing Assignment**

Date: 18/03/2018

Time: 10:00 AM

Prepared By: Ganesh Rao

Project under Test: Online Pet Store

Sprint: 01 – Week 1

**Test Scenarios Identified Based on User Scenarios:**

01: Test to verify system display the current date- Ref US01

02: Test to verify Adding New Pet into the system-Ref US03

03: Test to verify List of Available Pets in the system-Ref US02

04: Test to edit details of Existing Pets in the system-Ref US04

**Assumptions:**

1. Browser Considered for Test: **Internet Explorer 11.0**

2. Software Tools Used: **Eclipse, Selenium Web Driver** (Free Open Source tools)

3. SQL Server Databases

4. Operating System: **Windows 7**

**Development Team Assumptions & Responsibilities:**

1. Code Delivery via Appropriate Configuration Management Tools ( eg : TFS, IBM Clear case)
2. Test URL’s
3. Release Information’s or Special Instructions
4. Unit Test Results

**Test Data Requirements:** Test Team to create appropriate test data required for relevant testing

**Test Execution Procedure:**

1. Download and Install Eclipse Application to System under Test
2. Download and Install Selenium Web driver files.

Test Scripting: 01: Test to verify system display the current date- Ref US01

**Manual Test Case Development:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S/N | Description | Test Data | Expected Result | Actual Result |
| 1 | Invoke IE Explorer |  | IE should be invoked |  |
| 2 | Enter the Pet store ULR in the IE explorer address bas | URL: ”https://www.petstore.com” | Pet Store URL should be entered |  |
| 3. | Verify the Pet store Portal successfully launched and loaded | URL: ”https://www.petstore.com” | Pet store Portal should be successfully launched |  |
| 4. | Verify the system current date is displayed in the pet store portal | Date :  Time : | Pet store Portal should display the current system date and time. |  |
|  |  |  |  |  |

**Automation Test Case Development:** Test to verify system display the current date- Ref US01

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.\*;

import org.openqa.selenium.InternetExplorer.InternetExplorerDriver;

public class uiAutomation

{

public static void main(String[] args)

{

WebDriver driver = new InternetExplorerDriver();

driver.manage ().timeouts ().implicitlyWait (10, TimeUnit.SECONDS);

// Launch website

driver.navigate ().to ("http://www.petstore.com /");

// Maximize the browser

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

//get current date time with Date()

Date date = new Date();

// Now format the date

String date1= dateFormat.format(date);

// Print the Date

System.out.println(date1);

}

}

Test Scripting: 01: Test to verify Adding New Pet into the system-Ref US03

**Manual Test Case Development:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S/N | Description | Test Data | Expected Result | Actual Result |
| 1 | Invoke IE Explorer |  | IE should be invoked |  |
| 2 | Enter the Pet store ULR in the IE explorer address bas | URL: ”https://www.petstore.com”” | Pet Store URL should be entered |  |
| 3. | Verify the Pet store Portal successfully launched and loaded | URL: ”https://www.petstore.com” | Pet store Portal should be successfully launched |  |
| 4. | Select Create New Pet tab |  | Create new Pet Tab should be selected |  |
| 5. | Verify Create New Pet tab has two fields | Name :  Status: | Create New Pet tab should have two fields for Creating pet information. |  |
| 6. | Select the Name field and Enter the Pet Name in the Name filed | Name : “TEST” | Given Name should be entered in the Name field. |  |
| 7. | Press SHIFT + Tab keys | Status : “’Active” | Focus should now be set on Status field |  |
| 8. | Press Create button on the Create Pet tab | Status : “’Active” | New Pet should be created and saved in DB with status set to active. |  |

**Automation Test Case Development:** Test to verify Adding New Pet into the system-Ref US03

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.\*;

import org.openqa.selenium.InternetExplorer.InternetExplorerDriver;

public class uiAutomation

{

public static void main(String[] args)

{

WebDriver driver = new InternetExplorerDriver();

driver.manage ().timeouts ().implicitlyWait (10, TimeUnit.SECONDS);

// Launch website

driver.navigate ().to ("http://www.petstore.com /");

// Maximize the browser

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

// Click on Create New Pet Tab

driver.findElement(By.xpath(".//\*[@id='Create Net Pet']/div[4]/div[3]/a")).click();

// Click Name Field

driver.findElement(By.xpath(".//\*[@id='Name']/div[4]/div[3]/a")).click();

// Enter value TEST in the Name Field

driver.findElement(By.id("Name")).sendKeys("Test");

// Enter value Active in the Status Field

driver.findElement(By.id("Status")).sendKeys("Active");

// Click Create Button

driver.findElement(By.xpath(".//\*[@id='create']/table/tbody

/tr/td[2]/input")).click();

// Get the Result Text based on its xpath

String result =

driver.findElement(By.xpath(".//\*[@id='content']/p[2]/span/font/b")

)

.getText();

//Print a Log In message to the screen

System.out.println(" The Result is " + result);

//Close the Browser.

driver.close();

}

}

Summary: Please find above assignment done in good faith with my industry knowledge. My expertise comes in Functional Testing and am building my Automation skills in parallel. I have only delivered the assignments of 2 user scenarios and similar approach will be applied in development of other user scenarios as will and this is just the testimony of how I intend approach to solutions for the given problem.