

**Selenium Project**

**Created by Shubham Tomar**

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**Project URL:** [**https://test-nf.com/english.html**](https://test-nf.com/english.html)

**Summery:-**

1. Based on the acceptance criteria and mock-up write down the test scenario and test cases
2. Find out all the possible bugs and assign the priority and severity of the bug

**Automation Part (Selenium with JAVA)**

1. Launch the application**:** [**https://test-nf.com/english.html**](https://test-nf.com/english.html)
2. Verify the availability of each tab(Home, Cricket, Football, Basketball and Ciber Sports)
3. Verify URL of each tab contains the tab name.
4. Store all the current URL in excel sheet.

**Project Work QA Testing**

**User Story 0001: Add About us link option in footer of the application**

1. **Sub Task :- Based on the acceptance criteria and mock-up write down the test scenario and test cases**

**Scenario 1 :- Verify Webpage is Loading Properly using URL :-** [**https://test-nf.com/english.html**](https://test-nf.com/english.html)

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2 | Check webpage visible proper | Web page should visible Proper | pass |
| 3 | Check by default home page available | By default home page should available | pass |

**Scenario 2 :- Verify Webpage Footer Part is Proper Visible and Available.**

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2. | Scroll down to bottom of Webpage | Footer part should visible | pass |

**Scenario 3 :- ‘About us’ link should be displayed in footer part (as per the mock-up)**

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2. | Scroll down to bottom of Webpage | Footer part should visible | pass |
| 3 | Check About us link display in footer part | About us link should display in footer part |  |
| 4 | Check About us link display Proper as per mock up | About us link should display Proper as per mock up |  |

**Scenario 4 :- Verify User can click on the ‘About us’ link**

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2. | Scroll down to bottom of Webpage | Footer part should visible | pass |
| 3 | Verify About us link clickable or not | User should able to click on About us link | pass |

**Scenario 5 :- Verify After click on the ‘About us’ link system Should be navigate to new page which is display the Organization Vision and Mission**.

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2. | Scroll down to bottom of Webpage | Footer part should visible | pass |
| 3 | Verify About us link clickable or not | User should able to click on About us link | pass |
| 4 | Click on About us link | New page should open | Pass |
| 5 | Verify new page displaying organization vision and mission | Organization vision and mission should display properly | Fail |

**Scenario 6 :- ‘About us’ link should be displayed in footer part (as per the mock-up) for all tabs (Home, Cricket, Football, Basketball and Cyber Sports)**

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2 | Check About us link display in footer part for all tab (home ,cricket, football, basketball, cyber sports) | About us link should display in footer part for all tab (home ,cricket, football, basketball, cyber sports) | Pass |
| 3 | Check About us link display Proper as per mock up for all tab (home ,cricket, football, basketball, cyber sports) | About us link should display Proper as per mock up for all tab (home ,cricket, football, basketball, cyber sports) | pass |

**Scenario 7 :- Verify After click on the ‘About us’ link system Should be navigate to new page which is display the Organization Vision and Mission for all tabs (Home, Cricket, Football, Basketball and Cyber Sports)**

|  |  |  |  |
| --- | --- | --- | --- |
| **SN.** | **Test Case** | **Expected Result** | **Test Status** |
| 1 | Open URL [**https://test-nf.com/english.html**](https://test-nf.com/english.html)  In Web Browser | Webpage should open | Pass |
| 2 | Check About us link display in footer part for all tab (home ,cricket, football, basketball, cyber sports) | About us link should display in footer part for all tab (home ,cricket, football, basketball, cyber sports) | Pass |
| 3 | Check About us link is clickable for all tab (home ,cricket, football, basketball, cyber sports) | About us link should clickable for all tab (home ,cricket, football, basketball, cyber sports) | Pass |
| 4 | Click on About us link for all tab (home ,cricket, football, basketball, cyber sports) | New page should open new page for all tab (home ,cricket, football, basketball, cyber sports) | Pass |
| 5 | Verify new page displaying organization vision and mission for all tab (home ,cricket, football, basketball, cyber sports) | Organization vision and mission should display properly for all tab (home ,cricket, football, basketball, cyber sports) | Fail |

**Find out all the possible bugs and assign the priority and severity of the bug**

|  |  |  |  |
| --- | --- | --- | --- |
| SN. | BUG | Severity | Priority |
| **1.** | Image of Messi is incorrect on Home Page. | **P2** | **S3** |
| **2.** | The UI displayed of Usain Bolt is improper. | **P3** | **S4** |
| **3.** | The UI displayed of Diego Mara Dona is improper. | **P3** | **S4** |
| **4.** | The UI displayed of Michael Jordan is improper. | **P3** | **S4** |
| **5.** | Spelling mistake of Basketball tab. | **P3** | **S4** |
| **6.** | Spelling mistake of Cricket tab. | **P3** | **S4** |
| **7.** | Spelling mistake of Cybersport tab. | **P3** | **S4** |
| **8.** | Clicking on close menu of AD is not working. | **P2** | **S3** |
| **9.** | After clicking on AD it throws on select language page rather than AD page. | **P2** | **S3** |
| **10.** | Clicking on AD (We are Hiring or Apply now) page is not opening. | **P2** | **S3** |
| **11.** | After clicking on we are hiring I throws on Home page. | **P2** | **S3** |
| **12.** | Unable to close Native Force or we are hiring testers. | **P3** | **S3** |
| **13.** | Twitter, Facebook and Instagram symbols are present but no links and they are not clickable. | **P2** | **S2** |
| **14.** | After clicking on about us link getting 404 error. | **P1** | **S2** |
| **15.** | After clicking on contacts getting 404 error. | **P1** | **S2** |
| **16.** | Football tab is highlighted properly. | **P3** | **S4** |
| **17.** | Mouse over Basketball tab is not readable. | **P2** | **S3** |
| **18.** | Inside the Football tab the contents are getting blurred. | **P3** | **S3** |
| **19.** | Inside the Football tab there is an image of Basketball. | **P2** | **S2** |
| **20.** | The image of Michael Jordan in Basketball tab is not displaying. | **P2** | **S2** |
| **21.** | Inside the Cricket tab there is an image of Football. | **P2** | **S2** |

PageObjectModel.java

package fyndProject;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.WrapsElement;

import org.openqa.selenium.remote.server.handler.FindElement;

import org.openqa.selenium.support.\*;

public class PageObjectModel {

@FindBy(xpath="//a[text()='Home']")WebElement homeTab;

@FindBy(xpath = "//a[text()='Football']")WebElement footballTab;

@FindBy(xpath = "//a[text()='Busketball']")WebElement Busketball;

@FindBy(xpath = "//a[text()='Kriket']")WebElement Kriket;

@FindBy(xpath = "//a[text()='Cibersport']")WebElement Cibersport;

}

Import\_And\_Export\_Excel.java

**package** fyndProject;

**import** java.io.FileInputStream;

**import** java.io.FileNotFoundException;

**import** java.io.FileOutputStream;

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

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

**import** org.testng.annotations.BeforeClass;

**import** org.testng.annotations.Test;

**import** jxl.Sheet;

**import** jxl.Workbook;

**import** jxl.write.WritableSheet;

**import** jxl.write.WritableWorkbook;

**public** **class** Import\_And\_Export\_Excel {

WritableSheet ws;

WritableWorkbook wwb;

Workbook wb;

Sheet s;

FileInputStream f;

FileOutputStream fo;

// Readable Excel Sheet Import

**public** **void** excelSheetImport() **throws** Exception {

System.*setProperty*("webdriver.chrome.driver", "E:\\FYND\\SELENIUM\\chromedriver\_win32\\chromedriver.exe");

// Importing FileInputStream to Identify Location of Excel

**this**.f = **new** FileInputStream("C:\\Users\\Administrator\\Desktop\\FyndProjectQA.xls");

// Opening Identified WorkBook

**this**.wb = Workbook.*getWorkbook*(f);

// Identifying cell in a sheet

**this**.s = wb.getSheet("Sheet1");

}

**public** **void** excelSheetOutput() **throws** Exception {

// Importing FileOutputStream to Identify the Location to create Excel

**this**.fo = **new** FileOutputStream("C:\\Users\\Administrator\\Desktop\\FyndInputurl.xls");

// Creating WorkBook

**this**.wwb = Workbook.*createWorkbook*(**this**.fo);

// Creating Sheet2 in Work Book

**this**.ws = **this**.wwb.createSheet("Result", 1);

}

}

**Reusable\_Method extends Import\_And\_Export\_Excel**

**package** fyndProject;

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

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

**import** org.openqa.selenium.support.PageFactory;

**import** org.testng.annotations.Test;

**import** org.testng.asserts.SoftAssert;

**import** jxl.JXLException;

**import** jxl.write.Label;

**public** **class** Reusable\_Method **extends** Import\_And\_Export\_Excel {

String URL;

WebDriver driver;

PageObjectModel page;

SoftAssert Test;

String url\_home;

String url\_Busketball;

String url\_football;

String url\_kriket;

String url\_ciber;

@org.testng.annotations.Test(priority = 1)

// launch and maximize the Application

**public** **void** applicationLounch() **throws** Exception {

excelSheetImport();

**this**.driver = **new** ChromeDriver();

driver.get(s.getCell(1, 0).getContents());

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

}

@org.testng.annotations.Test(priority = 2)

**public** **void** callingPageObject() {

// Calling PageObject Using PageFactory

**this**.page = PageFactory.*initElements*(**this**.driver, PageObjectModel.**class**);

}

@Test(priority = 3)

**public** **void** assertCreation() {

// Creating Soft Assert Object For Validation

Test = **new** SoftAssert();

}

@org.testng.annotations.Test(priority = 4)

**public** **void** tabAvalable() {

// Verify the availability of each tab(Home, Cricket, Football, Basketball and

// Ciber Sports)

**boolean** Home = page.homeTab.isDisplayed();

**if** (Home == **true**) {

System.***out***.println("Pass");

} **else** {

System.***out***.println("Fail");

}

**boolean** Cricket = page.Kriket.isDisplayed();

**if** (Cricket == **true**) {

System.***out***.println("Pass");

} **else** {

System.***out***.println("Fail");

}

**boolean** Football = page.footballTab.isDisplayed();

**if** (Football == **true**) {

System.***out***.println("Pass");

} **else** {

System.***out***.println("Fail");

}

**boolean** Basketball = page.Busketball.isDisplayed();

**if** (Basketball == **true**) {

System.***out***.println("Pass");

} **else** {

System.***out***.println("Fail");

}

**boolean** CyberSports = page.Cibersport.isDisplayed();

**if** (CyberSports == **true**) {

System.***out***.println("Pass");

} **else** {

System.***out***.println("Fail");

}

}

@org.testng.annotations.Test(priority =5)

**public** **void** urlContainTabName() {

// Current URL of Each Tab

page.homeTab.click();

url\_home = driver.getCurrentUrl();

**boolean** hm = url\_home.contains("Home");

Test.assertEquals(**true**, hm);

page.Busketball.click();

url\_Busketball = driver.getCurrentUrl();

**boolean** bk = url\_Busketball.contains("Busketball");

Test.assertEquals(bk, **true**);

page.footballTab.click();

url\_football = driver.getCurrentUrl();

**boolean** fb = url\_football.contains("football");

Test.assertEquals(fb, **true**);

page.Kriket.click();

url\_kriket = driver.getCurrentUrl();

**boolean** k = url\_kriket.contains("Kriket");

Test.assertEquals(k, **true**);

page.Cibersport.click();

url\_ciber = driver.getCurrentUrl();

**boolean** url = url\_ciber.contains("Cibersport");

Test.assertEquals(url, **true**);

}

@org.testng.annotations.Test(priority = 6)

// URL sending to Excel

**public** **void** CurrentUrlInExcel() **throws** JXLException, Exception {

excelSheetOutput();

// Creating cell Using Label Class

Label lb = **new** Label(0, 0, url\_Busketball);

Label lh = **new** Label(0, 1, url\_home);

Label lk = **new** Label(0, 2, url\_kriket);

Label lf = **new** Label(1, 3, url\_football);

Label lc = **new** Label(1, 4, url\_ciber);

// Adding Cell in to sheet

ws.addCell(lb);

ws.addCell(lh);

ws.addCell(lk);

ws.addCell(lf);

ws.addCell(lc);

// Saving and Closing Workbook

wwb.write();

wwb.close();

}

}