

Task 1: User Story Analysis and Test Scenario Development

User Story

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

Scenario 1 :-Users should be able to click on the '[About us](#)' link

S.no	Test Cases	Expected Result	Test Data
1.	Launch the application according to the Test Data	User Should be able to launch the application	https://test-nf.com/english.html
2.	Scroll down till the end of application	User should be able to scroll down till the application ends	https://test-nf.com/english.html
3.	User should be able to click on the "About us" Link	"About us" link can be clicked by the user	https://test-nf.com/english.html

Scenario 2 :- '[About us](#)' link should be displayed in footer part (as per the mock-up)

S.no	Test Cases	Expected Result	Test Data
1.	Launch the application according to the Test Data	User Should be able to launch the application	https://test-nf.com/english.html
2.	Scroll down till the end of application	User should be	https://test-nf.com/english.html

		able to scroll down till the application ends	
3.	User should be able to see“About us” Link at the end of the application	“About us” link has to be available at the end	https://test-nf.com/english.html

Scenario 3 :- When user click on the '[About us](#)' link system will navigate to new page which display the Organization Vision and Mission.

S.no	Test Cases	Expected Result	Test Data
1.	Launch the application according to the Test Data	User Should be able to launch the application	https://test-nf.com/english.html
2.	Scroll down till the end of application	User should be able to scroll down till the application ends	https://test-nf.com/english.html
3.	User should be able to see“About us” Link at the end of the application	“About us” link has to be available at the end	https://test-nf.com/english.html
4.	After clicking on “About us“ link new tab must be open	After clicking on the link user should be redirected to new tab	https://test-nf.com/english.html
5.	After clicking the link user should navigate to new page	User can see Organization Vision and	https://test-nf.com/english.html

		Mission in the new tab	
--	--	------------------------	--

Scenario 4 :- 1. '[About us](#)' link should be available for all the tabs (Home, Cricket, Football, Basketball and Ciber Sports)

S.no	Test Cases	Expected Result	Test Data
1.	Launch the application according to the Test Data	User Should be able to launch the application	https://test-nf.com/english.html
2.	Scroll down till the end of application	User should be able to scroll down till the application ends	https://test-nf.com/english.html
3.	User should be able to see "About us" Link at the end of the application on the Home page	"About us" link has to be available at the end of the Home page	https://test-nf.com/english.html
4.	In the navigation bar Click on Cricket	User should be able click on the Cricket link on the navigation bar	https://test-nf.com/english.html
5.	After clicking on Cricket a new tab must be open showing information about the sport	User can see the description about selected	https://test-nf.com/english.html

		sport	
6.	User should be able to see "About us" Link at the end of Cricket page	"About us" link has to be available at the end of the Cricket page	https://test-nf.com/english.html
7.	In the navigation bar Click on Football	User should be able click on the Football link on the navigation bar	https://test-nf.com/english.html
8.	After clicking on Football a new tab must be open showing information about the sport	User can see the description about selected sport	https://test-nf.com/english.html
9.	User should be able to see "About us" Link at the end of Football page	"About us" link has to be available at the end of the Football page	https://test-nf.com/english.html
10.	In the navigation bar Click on Basketball	User should be able click on the Cricket link on the navigation bar	https://test-nf.com/english.html
11.	After clicking on Basketball a new tab must be open showing information about the sport	User can see the description about selected sport	https://test-nf.com/english.html
12.	User should be able to see "About us" Link at the end of Basketball page	"About us" link has to be available at the end of the Basketball page	https://test-nf.com/english.html

13.	In the navigation bar Click on Ciber Sports	User should be able click on the Ciber Sports link on the navigation bar	https://test-nf.com/english.html
14.	After clicking on Ciber Sports a new tab must be open showing information about the sport	User can see the description about selected sport	https://test-nf.com/english.html
15.	User should be able to see "About us" Link at the end of Ciber Sports page	"About us" link has to be available at the end of the Ciber Sports page	https://test-nf.com/english.html

Task 3: Bug finding and bug reporting

S.no	Bug Title	Priority	Severity
1.	In Home page spelling of Basketball is not correct	Medium	Minor
2.	In Home page spelling of Basketball is not correct	Medium	Minor
3.	In home page header section football button alignment is not proper	Medium	Minor

4.	In home page header section Kriket tab spelling is incorrect	Medium	Minor
5.	In home page header section ciber sport tab spelling is incorret	Medium	Minor
6.	In Home page all players images shape and alignment are not proper	Medium	Minor
7.	In home page player Lionel Messi's Image is incorrect	High	Major
8.	In home page Michael jordan's details are not provided.	High	Critical
9.	In home page when we click in Lionel Messi and Michael Jordan's image it overlaps with the Ad section and to close the Player detail section is also not possible	High	Critical
10.	In homepage when we click on Lionel Messi and Michael Jordan image it overlaps with the Ad section and to close the plate detail section is also not possible	High	Critical
11.	In homepage when we click on the ads it is directed to the next page where some other information i.e choose language page is showing which is irrelevant	High	Critical

12.	In homepage AD section closing button is not working	High	Critical
13.	In footer section after clicking on AboutUs link and contact us link it will redirect to the page showing 404 error	High	Critical
14.	In Footer all the social media Icons are not working	High	Critical
15.	In homepage when we click on the first Ad image it is redirected to the next page but the title of the page is in different language	Medium	Majour
16.	In homepage when we click on the second Ad image it is directed in the same home page	High	Critical
17.	In language page when we click on the different Language ex:- Spanish,French it again redirected to the home page	High	Critical
18.	In football page image is not correct expected Football image Actual Basketball image	High	Critical
19.	In football page the font get very light and not visible in the detailed part all the details are not visible scroll bar in	Low	Minor

	description is missing		
20.	In basketball page 2nd image is not visible	High	Critical
21.	In every tab(Basketball,Kriket,CiberSports) description of every sport is not correctly visible and scroll bar is missing for all the description for accessing full information	Low	Minor

Task 2: Prepare Automation Test Script and also perform the test execution

Automation Testing Scenario:

1. Launch the application: <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.


```
package AutomationProject;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.PageFactory;
import org.testng.Assert;
import org.testng.annotations.AfterTest;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;
import org.testng.asserts.SoftAssert;
//
//import dataDrivenFramework.WritableSheet;
//import dataDrivenFramework.WritableWorkbook;
import jxl.Sheet;
import jxl.Workbook;
import jxl.write.Label;

public class AppLaunch {

    public WebDriver driver;
    @BeforeTest
        public void launchApp() throws Exception {

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

```
"C:\\eclipse-committers-2022-03-R-win32-x86_64\\eclipse\\jar\\  
chrome\\chromedriver.exe");
```

```
driver = new ChromeDriver();  
driver.get("https://test-nf.com/english.html");
```

```
driver.manage().timeouts().implicitlyWait(60, TimeUnit.SECONDS);
```

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

```
}
```

```
@Test
```

```
public void available() {  
    SoftAssert s = new SoftAssert();  
    PageObject p = PageFactory.initElements(driver,  
PageObject.class);  
    boolean home = p.Home.isDisplayed();  
    s.assertEquals(home, true);  
    boolean football = p.fBall.isDisplayed();  
    s.assertEquals(football, true);  
    boolean Basket = p.bBall.isDisplayed();  
    Assert.assertEquals(Basket, true);  
    boolean kriket = p.Kriket.isDisplayed();  
    Assert.assertEquals(kriket, true);  
    boolean Cibersport = p.Cibersport.isDisplayed();  
    s.assertEquals(Cibersport, true);  
}
```

```
@Test
```

```
public void storeUrls() throws Exception {
```

```
FileOutputStream fo = new  
FileOutputStream("C:\\Users\\sneha\\OneDrive\\Desktop\\App.x  
ls");
```

```
jxl.write.WritableWorkbook wb =  
Workbook.createWorkbook(fo);
```

```
jxl.write.WritableSheet ws = wb.createSheet("Sheet1", 1);  
PageObject p = PageFactory.initElements(driver,  
PageObject.class);
```

```
p.Home.click();  
String HomeUrl =driver.getCurrentUrl() ;
```

```
Label l = new Label (0,0,"HomeURL:" +HomeUrl);
```

```
ws.addCell(l);
```

```
Thread.sleep(2000);  
p.fBall.click();  
String FootballUrl =driver.getCurrentUrl();
```

```
Label fl = new Label (1,1,"FootballURL:" +FootballUrl);
```

```
ws.addCell(fl);  
Thread.sleep(2000);
```

```
p.bBall.click();  
String BasketballUrl =driver.getCurrentUrl() ;
```

```
Label bl = new Label (1,2,"BasketBallURL:"  
+BasketballUrl);
```

```
ws.addCell(bl);
```

```
p.Kriket.click();  
String CricketUrl =driver.getCurrentUrl();
```

```
Label cl = new Label (1,3,"CricketURL:" +CricketUrl);
```

```
ws.addCell(cl);
```

```
p.Cibersport.click();  
String CiberSportUrl =driver.getCurrentUrl() ;
```

```
Label csl = new Label (1,4,"CiberSportURL:"  
+CiberSportUrl);
```

```
ws.addCell(csl);
```

```
wb.write();  
wb.close();  
}
```

```
@Test  
public void Url() throws Exception {
```

```
FileInputStream f = new  
FileInputStream("C:\\Users\\sneha\\OneDrive\\Desktop\\App.xls  
");  
Workbook wb = Workbook.getWorkbook(f);  
Sheet s = wb.getSheet("Sheet1");  
PageObject p = PageFactory.initElements(driver,  
PageObject.class);
```

```
String HomeTitle = p.Home.getText();  
String HomeCont = s.getCell(0, 0).getContents();
```

```
if(HomeTitle.contains(HomeCont)) {  
    System.out.println("Pass: The Url contains Tab Title"  
+HomeTitle);
```

```
}  
else {  
    System.out.println("Fail: the url doesn't contain Tab Title  
Expected:" +HomeTitle+" Actual: english " );  
}
```

```
String FootballTitle = p.fBall.getText();  
String FootballCont = s.getCell(1, 1).getContents();
```

```
if(FootballTitle.contains(FootballCont)) {  
    System.out.println("Pass: The Url contains Tab Title"  
+FootballTitle);
```

```
}  
else {
```

```
        System.out.println("Fail: the url doesn't contain Tab Title  
Expected:" +FootballTitle+ " Actual "  
+FootballTitle.toLowerCase());  
}
```

```
String BasketBallTitle = p.bBall.getText();  
String BasketBallCont = s.getCell(1, 2).getContents();
```

```
if(BasketBallTitle.contains(BasketBallCont)) {  
    System.out.println("Pass: The Url contains Tab Title"  
+BasketBallTitle);
```

```
}  
else {  
    System.out.println("Fail: the url doesn't contain Tab Title  
Expected:" +BasketBallTitle+ " Actual "  
+BasketBallTitle.toLowerCase());  
}
```

```
String CricketTitle = p.Kriket.getText();  
String CricketCont = s.getCell(1, 3).getContents();
```

```
if(CricketTitle.contains(CricketCont)) {  
    System.out.println("Pass: The Url contains Tab Title"  
+CricketTitle);
```

```
}  
else {
```

```
        System.out.println("Fail: the url doesn't contain Tab Title  
Expected:" +CricketTitle+ " Actual "  
+CricketTitle.toLowerCase());  
    }
```

```
String CibersportTitle = p.Cibersport.getText();  
String CibersportCont = s.getCell(1, 4).getContents();
```

```
if(CibersportTitle.contains(CibersportCont)) {  
    System.out.println("Pass: The Url contains Tab Title"  
+CibersportTitle);  
  
}  
else {  
    System.out.println("Fail: the url doesn't contain Tab Title  
Expected:" +CibersportTitle+ " Actual "  
+CibersportTitle.toLowerCase());  
}  
  
}
```

```
@AfterTest  
public void close() {  
    driver.close();  
}  
  
}
```

```
package AutomationProject;

import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;

public class PageObject {

    @FindBy(xpath="//*[text()='Home']") WebElement Home;
    @FindBy(xpath="//*[text()='Football']") WebElement fBall;
    @FindBy(xpath="//*[text()='Basketball']") WebElement
bBall;
    @FindBy(xpath="//*[text()='Kriket']") WebElement Kriket;
    @FindBy(xpath="//*[text()='Cibersport']") WebElement
Cibersport;
}
```


