**Sourc-Code**

**Project**

**Feature\_File**

Feature: Test the starHealth page on Chrome Browser

Scenario Outline: Validate the Star Health Buy Now flow

Given User launches the Star Health application with "<URL>"

Then User waits for the Welcome to Star Health pop-up and closes it

Then User validates the Star Health home page title using a JUnit assertion

When User clicks on the Buy Now button

Then User types Name as "<FullName>"

Then User types Phone as "<PhNo>"

Then User types the PIN as "<PIN>"

Then User clicks on I need health insurance from the drop-down menu

When User selects the option "<optionPlan>"

Then User sees the Plan for My Family page

When User validates that the mobile number is the same as the previously entered number using a JUnit assertion

Then User clicks on the Star Health logo

Then The Application should redirect to the home page

When User closes the child tab

Then User navigates back to the parent tab

Examples:

| URL | FullName | PhNo | PIN | optionPlan |

| https://www.starhealth.in | Gaurav | 9863175236 | 123307 | My Family |

**Step\_Defination :**

**package** Feature;

**import** org.junit.Assert;

**import** org.openqa.selenium.By;

**import** io.cucumber.java.en.Given;

**import** io.cucumber.java.en.Then;

**import** io.cucumber.java.en.When;

**public** **class** Step\_Defination {

**public** **static** String *ph\_no*;

Page\_Home homePage=**new** Page\_Home(Base\_file.*driver*);

Buy\_Now buyNowPage=**new** Buy\_Now(Base\_file.*driver*);

@Given("User launches the Star Health application with {string}")

**public** **void** user\_launches\_the\_star\_health\_application\_with(String URL) {

Base\_file.*driver*.manage().window().maximize();

Base\_file.*driver*.get(URL);

}

@Then("User waits for the Welcome to Star Health pop-up and closes it")

**public** **void** user\_waits\_for\_the\_welcome\_to\_star\_health\_pop\_up\_and\_closes\_it() {

}

@Then("User validates the Star Health home page title using a JUnit assertion")

**public** **void** user\_validates\_the\_star\_health\_home\_page\_title\_using\_a\_j\_unit\_assertion() **throws** InterruptedException {

Thread.*sleep*(2000);

String title=homePage.get\_homepage\_title();

**boolean** isEqual=title.equals("Star Health Insurance: Medical, Accident and Travel insurance policies");

Assert.*assertTrue*(isEqual);

//System.out.println("Star Health Home Page Title: " + title);

}

@When("User clicks on the Buy Now button")

**public** **void** user\_clicks\_on\_the\_buy\_now\_button() **throws** InterruptedException {

Thread.*sleep*(2000);

homePage.click\_On\_BuyNow();

}

@Then("User types Name as {string}")

**public** **void** user\_types\_name\_as(String FullName) **throws** InterruptedException {

Thread.*sleep*(2000);

buyNowPage.give\_name(FullName);

}

@Then("User types Phone as {string}")

**public** **void** user\_types\_phone\_as(String PhNo) **throws** InterruptedException {

*ph\_no*=PhNo;

buyNowPage.give\_phno(PhNo);

}

@Then("User types the PIN as {string}")

**public** **void** user\_types\_the\_pin\_as(String PIN) **throws** InterruptedException {

buyNowPage.give\_pin(PIN);

}

@Then("User clicks on I need health insurance from the drop-down menu")

**public** **void** user\_clicks\_on\_i\_need\_health\_insurance\_from\_the\_drop\_down\_menu() **throws** InterruptedException {

buyNowPage.click\_dropdown();

Thread.*sleep*(1000);

}

@When("User selects the option {string}")

**public** **void** user\_selects\_the\_option(String OptionPlan) **throws** InterruptedException {

Base\_file.*driver*.findElement(By.*xpath*("//li[text()="+"'"+OptionPlan+"'"+"]")).click();

Thread.*sleep*(3000);

}

@Then("User sees the Plan for My Family page")

**public** **void** user\_sees\_the\_plan\_for\_my\_family\_page() {

}

@When("User validates that the mobile number is the same as the previously entered number using a JUnit assertion")

**public** **void** user\_validates\_that\_the\_mobile\_number\_is\_the\_same\_as\_the\_previously\_entered\_number\_using\_a\_j\_unit\_assertion() **throws** InterruptedException {

Thread.*sleep*(3000);

String phoneNumber=buyNowPage.ContactNo\_verify();

Assert.*assertEquals*("Phone Number Matched ", *ph\_no*, phoneNumber);

}

@Then("User clicks on the Star Health logo")

**public** **void** user\_clicks\_on\_the\_star\_health\_logo() **throws** InterruptedException {

buyNowPage.click\_logo();

}

@Then("The Application should redirect to the home page")

**public** **void** the\_application\_should\_redirect\_to\_the\_home\_page() {

}

@When("User closes the child tab")

**public** **void** user\_closes\_the\_child\_tab() {

}

@Then("User navigates back to the parent tab")

**public** **void** user\_navigates\_back\_to\_the\_parent\_tab() {

}

}

**Base\_File:**

**package** Feature;

**import** io.cucumber.java.AfterAll;

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

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

**public** **class** Base\_file {

**public** **static** WebDriver *driver*=**new** ChromeDriver();

@AfterAll

**public** **void** Close\_Browser() **throws** InterruptedException {

System.***out***.println("Browser closed");

*driver*.close();

}

}

**Home\_Page Program File:**

**package** Feature;

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

**import** org.openqa.selenium.WebElement;

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

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

**public** **class** Page\_Home {

@FindBy(xpath = "//span[text()='Buy Now']")

**public** **static** WebElement *buyNow*;

**public** Page\_Home(WebDriver driver) {

PageFactory.*initElements*(driver, **this**);

}

**public** String get\_homepage\_title() **throws** InterruptedException {

String title = Base\_file.*driver*.getTitle();

**return** title;

}

**public** **void** click\_On\_BuyNow() **throws** InterruptedException {

Thread.*sleep*(2000);

*buyNow*.click();

}

}

**Buy\_Now Program File:**

**package** Feature;

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

**import** org.openqa.selenium.WebElement;

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

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

**public** **class** Buy\_Now {

@FindBy(xpath = "//input[@id='name']")

**public** **static** WebElement *name*;

@FindBy(xpath = "//input[@id='contact\_no']")

**public** **static** WebElement *contactNo*;

@FindBy(xpath = "//input[@id='pinCode']")

**public** **static** WebElement *pinCode*;

@FindBy(xpath = "//div[@id='grouped-select']")

**public** **static** WebElement *dropDown*;

@FindBy(xpath = "//input[@id='contact\_no']")

**public** **static** WebElement *contactNumberVeriry*;

@FindBy(xpath = "//img[@class='jss341']")

**public** **static** WebElement *logo*;

**public** Buy\_Now(WebDriver driver) {

PageFactory.*initElements*(driver, **this**);

}

**public** **void** give\_name(String fullname) **throws** InterruptedException {

Thread.*sleep*(2000);

*name*.sendKeys(fullname);

}

**public** **void** give\_phno(String phno) **throws** InterruptedException {

Thread.*sleep*(2000);

*contactNo*.sendKeys(phno);

}

**public** **void** give\_pin(String pin) **throws** InterruptedException {

Thread.*sleep*(2000);

*pinCode*.sendKeys(pin);

}

**public** **void** click\_dropdown() **throws** InterruptedException {

Thread.*sleep*(2000);

*dropDown*.click();

}

**public** String ContactNo\_verify() **throws** InterruptedException {

Thread.*sleep*(2000);

String C\_no = *contactNumberVeriry*.getAttribute("value");

**return** C\_no;

}

**public** **void** click\_logo() **throws** InterruptedException {

Thread.*sleep*(2000);

*logo*.click();

}

}

**Runner File:**

**package** Feature;

**import** org.junit.runner.RunWith;

**import** io.cucumber.junit.Cucumber;

**import** io.cucumber.junit.CucumberOptions;

@RunWith(Cucumber.**class**)

@CucumberOptions(features="C:\\Users\\DELL\\Desktop\\Mphasis\\Selenium\\Cucumber\_Lesson\\src\\test\\java\\Feature\\StarHealth.feature",

glue= {"Feature"},

plugin= {"html:target/Cucumberreport.html",

"pretty",

"com.aventstack.extentreports.cucumber.adapter.ExtentCucumberAdapter:",

"timeline:test-output-thread/"

})

**public** **class** Runner {

}