SOURCE CODE

***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/|Utkarsh Sharma|8219426887|110041|My Family|

***TestRunner.java***

package runner;

import org.junit.runner.RunWith;

import io.cucumber.junit.Cucumber;

import io.cucumber.junit.CucumberOptions;

@RunWith(Cucumber.class)

@CucumberOptions(features="C:\\Users\\utkar\\eclipse-workspace\\Starhealth\_Phase\_end\_Project\\src\\test\\java\\feature\\\\starthealth.feature"

glue= {"steps"},

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

"pretty",

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

"timeline:test-output-thread/"

})

public class TestRunner {

}

***StepDefination.java***

package steps;

import org.junit.Assert;

import org.openqa.selenium.By;

import base.BaseTest;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

import io.cucumber.java.en.When;

import pages.BuyNowpage;

import pages.HomePage;

public class StepDefinition {

public static String ph\_no;

HomePage homePage=new HomePage(BaseTest.driver);

BuyNowpage buyNowPage=new BuyNowpage(BaseTest.driver);

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

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

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

BaseTest.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 {

BaseTest.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 TEST***

package base;

import io.cucumber.java.AfterAll;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class BaseTest {

public static WebDriver driver=new ChromeDriver();

@AfterAll

public void Close\_Browser() throws InterruptedException {

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

driver.close();

}

}

***BuyNowPage***

package pages;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

public class BuyNowpage {

@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 BuyNowpage(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();

}

}

***HomePage***

package pages;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.support.FindBy;

import org.openqa.selenium.support.PageFactory;

import base.BaseTest;

public class HomePage {

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

public static WebElement buyNow;

public HomePage(WebDriver driver) {

PageFactory.initElements(driver, this);

// driver can now work with your elements and methods of this class

}

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

String title = BaseTest.driver.getTitle();

return title;

}

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

Thread.sleep(2000);

buyNow.click();

}

}