Source Code :

```gherkin
Feature: Test lesson End project on Amazon Page
Scenario Outline: Create account on Amazon
Given User navigates to create account page
Then User Enters '<name>','<mobilenumber>','<password>'
And User clicks on Verify mobile number
Examples:
    | name  | mobilenumber | password  |
    | user1 |   9879878987 | password1 |
    Scenario: Add Mobile device to the Amazon Cart
     Given User gets ttile of the main Page
    Then User clicks on link Mobiles
    And User navigates to Mobiles & accessories
    And User click on Apple product
    Then User select the first apple product
     And User will switch to new window and get title
    Then user click on Add to Cart
    Then User refreshes the Page and click on Cart link
    Then User clicks on proceed to pay button
```

```java
package steps;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import io.cucumber.java.After;
import io.cucumber.java.AfterAll;
import io.cucumber.java.Before;
import io.cucumber.java.BeforeAll;
public class BaseTest {
// As the name suggest hooks are used to connect a method to a scenario
// Hooks can be used to determin pre-equiste for the test case execution
// hooks come with annotation =>
// @Before : Annotated method will run before a scenario in feature file
//, @After : Annotated method will run after a scenario in feature file
public static WebDriver driver;
@BeforeAll
public static void initialization()
{
        System.out.println("Lesson End Project test Started");

}

@Before
public void openBrowser() throws InterruptedException
{
        // needed for Jenkins
System.setProperty("webdriver.chrome.driver", "C:\\Users\\Lokeshkumar
Reddy\\Downloads\\chromedriver\\chromedriver-win64\\chromedriver.exe");
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.manage().deleteAllCookies();
        driver.get("https://www.amazon.in/");
        Thread.sleep(3000);
}
@After
```

```java
        public void CloseBrowser()
        {
                driver.quit();
        }

        @AfterAll
        public static void CompletedProject()
        {
                System.out.println("Lesson End Project test Completed");

        }

}


package steps;
import static steps.BaseTest.driver;
import java.util.ArrayList;
import org.openqa.selenium.By;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.interactions.Actions;
import io.cucumber.java.en.And;
import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
public class AmazonPageTest {
@Given("User gets ttile of the main Page")
public void user_gets_ttile_of_the_main_page() {
        System.out.println(driver.getTitle());
}

@Then("User clicks on link Mobiles")
public void user_clicks_on_link_mobiles() throws InterruptedException {
WebElement mobiles = driver.findElement(By.xpath("//a[normalize-space()='Mobiles']"));
mobiles.click();
        Thread.sleep(1500);
}
@Then("User navigates to Mobiles & accessories")
public void user_navigates_to_mobiles_accessories() throws InterruptedException {
        Actions a = new Actions(driver);
        WebElement MA = driver.findElement(By.xpath("(//span[@class='nav-a-content'][normalize-space()='Mobiles & Accessories'])[1]"));
        a.moveToElement(MA).build().perform();
        Thread.sleep(1500);
        }
@Then("User click on Apple product")
public void user_click_on_apple_product() throws InterruptedException {
        WebElement product=
driver.findElement(By.xpath("(//a[contains(text(),'Apple')])[2]"));
  product.click();
  Thread.sleep(2500);

}
@Then("User select the first apple product")
public void user_select_the_first_apple_product() throws InterruptedException {
        WebElement appleproduct = driver.findElement(By.xpath("(//div[@class='a-section a-spacing-base'])[1]/descendant::span[10]"));
        appleproduct.click();
```

```java
                Thread.sleep(2500);
        }

        @Then("User will switch to new window and get title")
        public void user_will_switch_to_new_window_and_get_title() throws InterruptedException {

                ArrayList<String> tabs = new ArrayList<String>(driver.getWindowHandles());
                driver.switchTo().window(tabs.get(1));
                Thread.sleep(1500);
                System.out.println(driver.getCurrentUrl());
                System.out.println(driver.getTitle());
        }

                @Then("user click on Add to Cart")
                public void user_click_on_add_to_cart() throws InterruptedException {
                WebElement cart = driver.findElement(By.xpath("//input[@id='add-to-cart-button']")) ;
                cart.click();
                Thread.sleep(1500);
        }

        @Then("User refreshes the Page and click on Cart link")
        public void user_refreshes_the_page_and_click_on_cart_link() {
        driver.navigate().refresh();
        WebElement cartlink =   driver.findElement(By.xpath("//*[@id='nav-cart']/descendant::div[2]"));
          cartlink.click();
        }

        @Then("User clicks on proceed to pay button")
        public void user_clicks_on_proceed_to_pay_button() throws InterruptedException {
          WebElement proceed =
driver.findElement(By.xpath("//input[@name='proceedToRetailCheckout']"));
          proceed.click();

          Thread.sleep(1500);
        }
        @Given("User navigates to create account page")
        public void naviagte_createaccountPage()
        {
        driver.navigate().to("https://www.amazon.in/ap/register?showRememberMe=true&showRmrM
e=0&openid.pape.max_auth_age=0&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F
2.0%2Fidentifier_select&siteState=isRegularCheckout.1%7CIMBMsgs.%7CisRedirect.1&pageId=am
azon_checkout_in&openid.return_to=https%3A%2F%2Fwww.amazon.in%2Fgp%2Fbuy%2Fsignin%2
Fhandlers%2Fcontinue.html%3Fie%3DUTF8%26brandId%3D%26cartItemIds%3D%26eGCApp%3D
%26hasWorkingJavascript%3D0%26isEGCOrder%3D0%26isFresh%3D%26oldCustomerId%3D0%2
6oldPurchaseId%3D%26preInitiateCustomerId%3D%26purchaseInProgress%3D%26ref_%3Dcart_si
gnin_submit%26siteDesign%3D&prevRID=A7SSZK4G6K6J0QT8EA70&openid.assoc_handle=amaz
on_checkout_in&openid.mode=checkid_setup&openid.ns.pape=http%3A%2F%2Fspecs.openid.net%
2Fextensions%2Fpape%2F1.0&prepopulatedLoginId=&failedSignInCount=0&openid.claimed_id=http
%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.ns=http%3A%2F%2Fsp
ecs.openid.net%2Fauth%2F2.0&suppressSignInRadioButtons=0");
                }

        @Then("User Enters {string},{string},{string}")
        public void user_enter_details(String name, String mobilenumber, String password) throws
InterruptedException
        {
                WebElement e1 = driver.findElement(By.xpath("//input[@id='ap_customer_name']"));
                WebElement e2 = driver.findElement(By.xpath("//input[@id='ap_phone_number']"));
                WebElement e3 = driver.findElement(By.xpath("//input[@id='ap_password']"));
                e1.sendKeys(name);
                e2.sendKeys(mobilenumber);
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```java
                e3.sendKeys(password);
                Thread.sleep(2000);

        }

        @And("User clicks on Verify mobile number")
        public void click_on_varify()
        {
                driver.findElement(By.xpath("//input[@id='continue']")).click();
        }
}
```

```java
package runner;
import org.junit.runner.RunWith;
import io.cucumber.junit.Cucumber;
import io.cucumber.junit.CucumberOptions;
@RunWith(Cucumber.class)
@CucumberOptions(
                features="C:\\myprojects\\java code\\eclipse_workspace\\phase2-Cucumber-
ExtentReports-Jenkins\\src\\test\\java\\features\\starHealth.feature",
                glue = {"steps"}, //packagename where the steps are
                plugin= {"pretty",
                "html:target/cucumberreport.html",
                /*
                 * "com.aventstack.extentreports.cucumber.adapter.ExtentCucumberAdapter:",
                 * "timeline:test-output-thread/"
                 */
                }

                )
public class AmazonRunner {
}
```