**Source Code**

**Cucumber Feature**

Feature: Buy mobile phone

Scenario: A user must be able to buy mobile phone on Amazon

Given A user is on the landing page of Amazon

When he clicks mobile on the navigation bar

And he hovers the pointer on mobiles & accessories

And he clicks on Apple on the sub menu

And he clicks on the second available phone

And he switches focus on the new tab

And he clicks on the buy now button

Then he must be able to buy the mobile phone successfully.

**Main Code**

**package** in.amazon.teststeps;

**import** java.util.ArrayList;

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

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

**import** org.testng.Assert;

**import** in.amazon.pages.AllMobileBrands;

**import** in.amazon.pages.LandingPage;

**import** in.amazon.pages.ApplePhones;

**import** in.amazon.pages.BuyPhone;

**import** in.amazon.pages.SignIn;

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

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

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

**public** **class** BuyMobilePhoneTestSteps {

WebDriver driver;

AllMobileBrands allMobileBrands;

@Given("A user is on the landing page of Amazon")

**public** **void** a\_user\_is\_on\_the\_landing\_page\_of\_amazon() {

driver = **new** ChromeDriver();

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

driver.get("https://amazon.in");

}

@When("he clicks mobile on the navigation bar")

**public** **void** he\_clicks\_mobile\_on\_the\_navigation\_bar() {

LandingPage landingPage = **new** LandingPage(driver);

landingPage.clickMobile();

}

@When("he hovers the pointer on mobiles & accessories")

**public** **void** he\_hovers\_the\_pointer\_on\_mobiles\_accessories() {

allMobileBrands = **new** AllMobileBrands(driver);

allMobileBrands.hoverOverMobilesAndAccessories();

}

@When("he clicks on Apple on the sub menu")

**public** **void** he\_clicks\_on\_apple\_on\_the\_sub\_menu() {

allMobileBrands.clickApple();

}

@When("he clicks on the second available phone")

**public** **void** he\_clicks\_on\_the\_second\_available\_phone() {

ApplePhones applePhones = **new** ApplePhones(driver);

applePhones.clickFirstMobile();

}

@When("he switches focus on the new tab")

**public** **void** he\_switches\_focus\_on\_the\_new\_tab() {

ArrayList<String> tabs = **new** ArrayList<>(driver.getWindowHandles());

driver.switchTo().window(tabs.get(1));

}

@When("he clicks on the buy now button")

**public** **void** he\_clicks\_on\_the\_buy\_now\_button() {

BuyPhone buyPhone = **new** BuyPhone(driver);

buyPhone.clickBuyNowButton();

}

@Then("he must be able to buy the mobile phone successfully.")

**public** **void** he\_must\_be\_able\_to\_buy\_the\_mobile\_phone\_successfully() {

SignIn signIn = **new** SignIn(driver);

String expectedText = "Sign in";

String actualText = signIn.getSignInText();

Assert.*assertEquals*(actualText, expectedText);

driver.quit();

}

}