Source code

***StepDefination.java***

package steps;

import java.time.Duration;

import org.junit.Before;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.support.ui.Select;

import io.cucumber.java.en.And;

import io.cucumber.java.en.Given;

import io.cucumber.java.en.Then;

import io.cucumber.java.en.When;

public class Functionality\_Amazon{

WebDriver driver;

// @Before

// public void setUp() {

// // Initialize the WebDriver before each scenario

// driver = new ChromeDriver();

// }

@Given("the user is on the Amazon homepage")

public void amazon\_homepage(){

driver = new ChromeDriver();

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

driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(5));

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

}

@Before

public void setUp() {

// Initialize the WebDriver before each scenario

driver = new ChromeDriver();

}

@Then("the user clicks on the account link")

public void the\_user\_clicks\_on\_the\_account\_link() throws InterruptedException {

driver.findElement(By.xpath("//a[@id='nav-link-accountList']")).click();

}

@And("enters the phone number {string} and clicks continue")

public void enters\_the\_phone\_number\_and\_clicks\_continue(String string) {

driver.findElement(By.xpath("//input[@id='ap\_email']")).sendKeys("Your Email OR Phone number");

driver.findElement(By.xpath("//input[@id='continue']")).click();

}

@And("enters the password {string} and clicks sign in")

public void enters\_the\_password\_and\_clicks\_sign\_in(String string) {

driver.findElement(By.xpath("//input[@id='ap\_password']")).sendKeys("Your Password");

driver.findElement(By.xpath("//input[@id='signInSubmit']")).click();

}

@Then("the user is logged in successfully")

public void the\_user\_is\_logged\_in\_successfully() {

System.out.println("succesfull signin");

}

@When("the user selects a valid category")

public void the\_user\_selects\_a\_valid\_category() {

WebElement e2 = driver.findElement(By.xpath("//select[@id='searchDropdownBox']"));

e2.click();

Select obj = new Select(e2);

obj.selectByIndex(14);

}

@And("enters {string} in the search box")

public void enters\_in\_the\_search\_box(String string) {

driver.findElement(By.xpath("//input[@id='twotabsearchtextbox']")).sendKeys("I phone 13");

}

@And("clicks the search button")

public void clicks\_the\_search\_button() {

driver.findElement(By.xpath("//input[@id='nav-search-submit-button']")).click();

System.out.println("product searched");

}

@When("the user selects the first product from the search results")

public void the\_user\_selects\_the\_first\_product\_from\_the\_search\_results() {

WebElement e3=driver.findElement(By.xpath("//a[@class='a-link-normal s-underline-text s-underline-link-text s-link-style a-text-normal'][1]"));

e3.click();

}

@And("Driver to new pointer")

public void pointer() {

for (String handle : driver.getWindowHandles()) {

driver.switchTo().window(handle);

}

}

//Product added to wish list

@When("adds the product to the wishlist")

public void adds\_the\_product\_to\_the\_wishlist() throws InterruptedException {

driver.findElement(By.xpath("//div[@id='add-to-wishlist-button-group']")).click();

}

@Then("close the browser")

public void close\_the\_browser() {

driver.quit();

}

}

***Feature File***

Feature: Amazon Product Wishlist

Scenario: User logs in and adds a product to the wishlist

Given the user is on the Amazon homepage

Then the user clicks on the account link

And enters the phone number "Your phone number" and clicks continue

And enters the password "Password" and clicks sign in

Then the user is logged in successfully

When the user selects a valid category

And enters "I phone 13" in the search box

And clicks the search button

When the user selects the first product from the search results

And Driver to new pointer

When adds the product to the wishlist

And close the browser

***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\\Amazon\_Cucumber\_Project\\src\\test\\java\\feature\\func\_check.feature",

glue = { "steps" },dryRun = false, plugin = { "pretty", "html:target/cucumberreportpass.html" }

)

public class TestRunner {

}