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**Roll no. 22F-3737, 22F-3639**

package stepDefinition;  
  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.chrome.ChromeDriver;  
  
public class BaseTest {  
 protected static WebDriver *driver*;  
  
 public void setUp() {  
 if (*driver* == null) {  
 *driver* = new ChromeDriver();  
 }  
 }  
  
 public void tearDown() {  
 if (*driver* != null) {  
 *driver*.quit();  
 *driver* = null;  
 }  
 }  
}

Feature: feature to test login functionality  
  
 Scenario: Check login is successful with valid credentials  
 Given User is on login page  
 When User enters username and password  
 And click on login button  
 Then User is navigated to home page  
  
*# Scenario Outline: Check login is successful with valid credentials  
# Given User is on login page  
# When User enters <username> and <password>  
# And click on login button  
# Then User is navigated to home page  
#  
# Examples:  
# | username | password |  
# | user1 | pass1 |  
# | user2 | pass2 |  
# | user3 | pass3 |  
# | user4 | pass4 |*

package stepDefinition;  
  
import io.cucumber.java.After;  
import io.cucumber.java.Before;  
import io.cucumber.java.Scenario;  
import io.cucumber.java.en.And;  
import io.cucumber.java.en.Given;  
import io.cucumber.java.en.Then;  
import io.cucumber.java.en.When;  
import io.qameta.allure.Allure;  
import org.openqa.selenium.By;  
import org.openqa.selenium.OutputType;  
import org.openqa.selenium.TakesScreenshot;  
import org.openqa.selenium.WebElement;  
  
import java.io.ByteArrayInputStream;  
  
public class LoginSteps extends BaseTest {  
  
 String url = "https://member.daraz.pk/user/login?redirect=https%3A%2F%2Fmember.daraz.pk%2Fuser%2Fprofile";  
  
 @Before  
 public void setUpScenario() {  
 setUp();  
 }  
  
 @Given("User is on login page")  
 public void user\_is\_on\_login\_page() {  
 *driver*.get(url);  
 }  
  
 @When("User enters username and password")  
 public void user\_enters\_username\_and\_password() {  
 WebElement email = *driver*.findElement(By.*cssSelector*("input[type='text']"));  
 email.sendKeys("f223737@cfd.nu.edu.pk");  
 WebElement password = *driver*.findElement(By.*cssSelector*("input[type='password']"));  
 password.sendKeys("abc@12345");  
 }  
  
 @And("click on login button")  
 public void click\_on\_login\_button() {  
 *driver*.findElement(By.*cssSelector*("button[type='submit']")).click();  
 }  
  
 @Then("User is navigated to home page")  
 public void user\_is\_navigated\_to\_home\_page() {  
 if (!*driver*.getCurrentUrl().equals(url)) {  
 user\_enters\_username\_and\_password();  
 }  
 }  
  
 @After  
 public void TearDown(Scenario scenario) {  
 if (scenario.isFailed()) {  
 byte[] screenshot = ((TakesScreenshot) *driver*).getScreenshotAs(OutputType.*BYTES*);  
 Allure.*addAttachment*("Failed Screenshot", new ByteArrayInputStream(screenshot));  
 } else {  
 byte[] screenshot = ((TakesScreenshot) *driver*).getScreenshotAs(OutputType.*BYTES*);  
 Allure.*addAttachment*("Passed Screenshot", new ByteArrayInputStream(screenshot));  
 }  
 }  
}

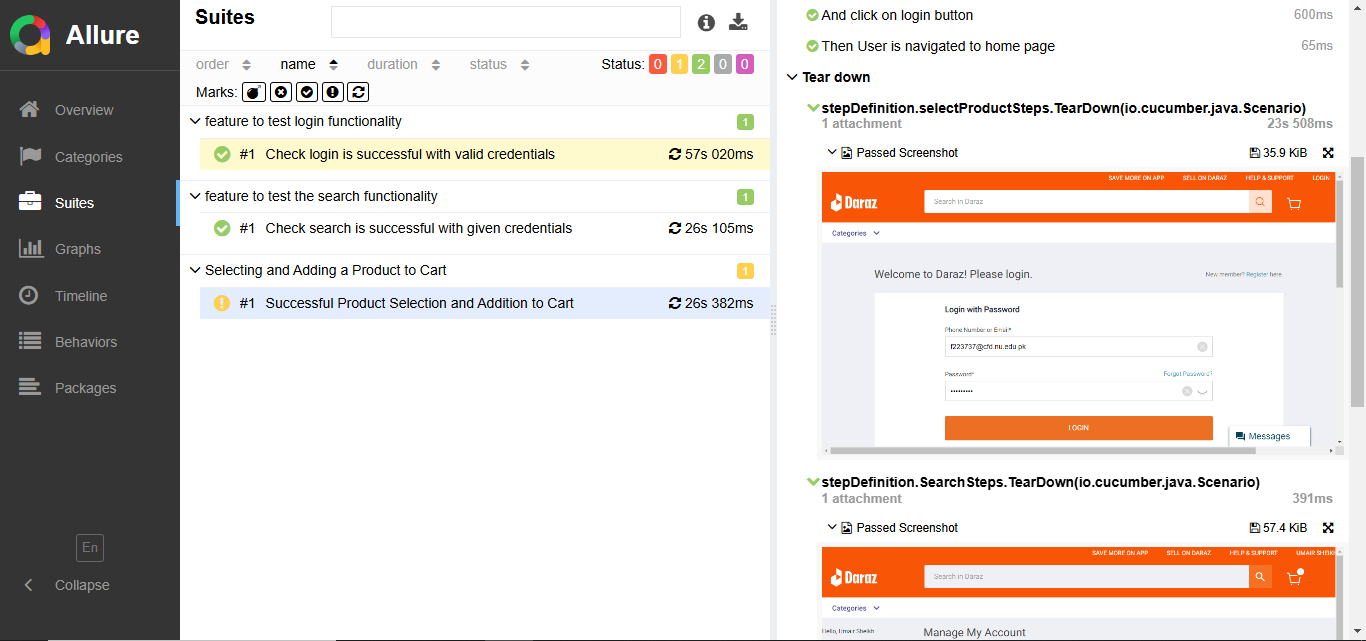
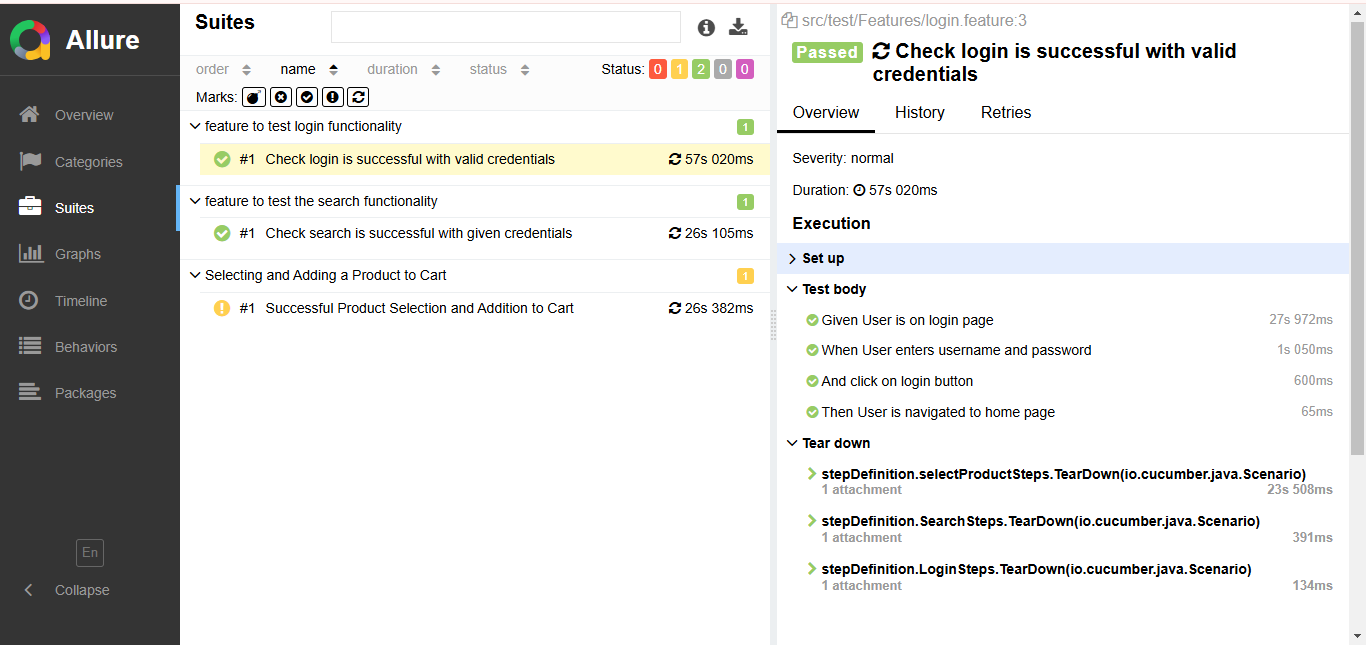
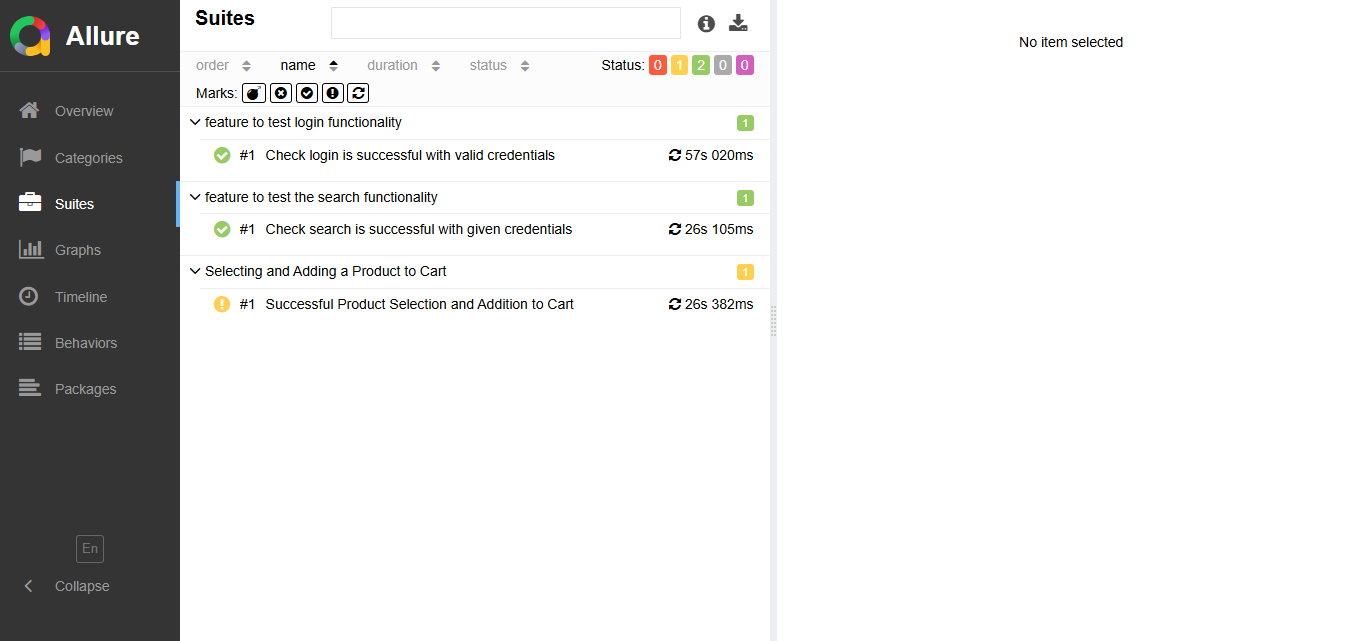
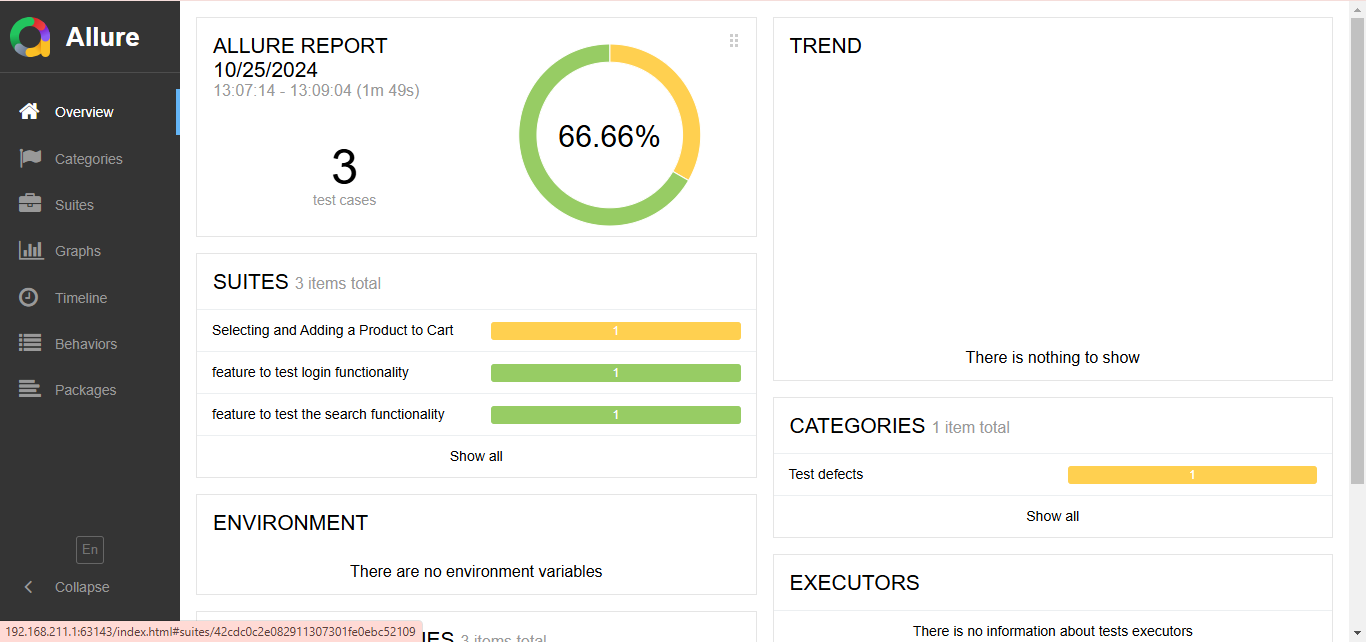
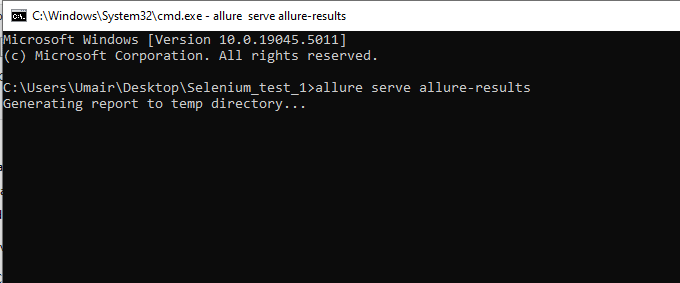
Feature: feature to test the search functionality  
  
 Scenario: Check search is successful with given credentials  
 Given User is on Dashboard page  
 When User enters search creditentials  
 And click on search button  
 Then User is navigated to product related detail page

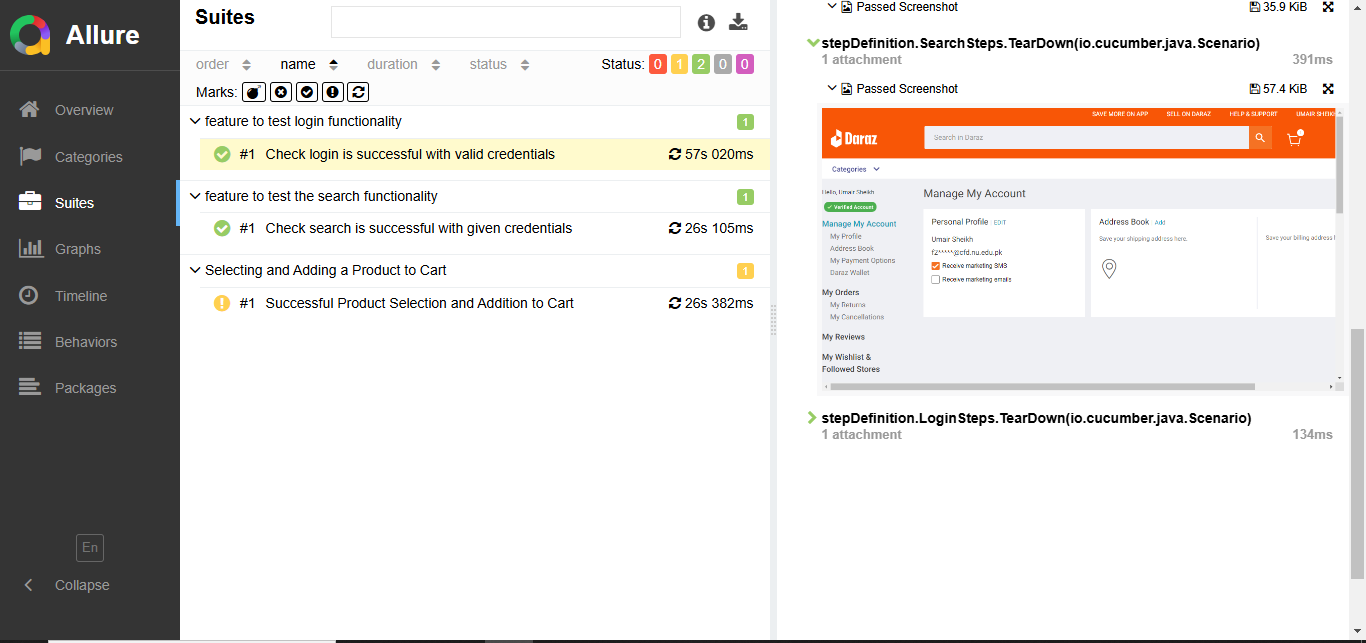
package stepDefinition;  
  
import io.cucumber.java.After;  
import io.cucumber.java.Before;  
import io.cucumber.java.Scenario;  
import io.cucumber.java.en.And;  
import io.cucumber.java.en.Given;  
import io.cucumber.java.en.Then;  
import io.cucumber.java.en.When;  
import io.qameta.allure.Allure;  
import org.openqa.selenium.By;  
import org.openqa.selenium.OutputType;  
import org.openqa.selenium.TakesScreenshot;  
import org.openqa.selenium.WebElement;  
  
import java.io.ByteArrayInputStream;  
  
public class SearchSteps extends BaseTest {  
  
 String url = "https://member.daraz.pk/user/profile#/";  
  
 @Before  
 public void setUpScenario() {  
 setUp();  
 }  
  
 @Given("User is on Dashboard page")  
 public void user\_is\_on\_dashboard\_page() {  
 *driver*.get(url);  
 }  
  
 @When("User enters search creditentials")  
 public void user\_enters\_search\_creditentials() {  
 WebElement search = *driver*.findElement(By.*cssSelector*("input[type='search']"));  
 search.sendKeys("winter gloves");  
 }  
  
 @And("click on search button")  
 public void click\_on\_search\_button() {  
 WebElement searchBtn = *driver*.findElement(By.*className*("search-box\_\_button--1oH7"));  
 searchBtn.click();  
 }  
  
 @Then("User is navigated to product related detail page")  
 public void user\_is\_navigated\_to\_product\_related\_detail\_page() {  
   
 }  
  
 @After  
 public void TearDown(Scenario scenario) {  
 if (scenario.isFailed()) {  
 byte[] screenshot = ((TakesScreenshot) *driver*).getScreenshotAs(OutputType.*BYTES*);  
 Allure.*addAttachment*("Failed Screenshot", new ByteArrayInputStream(screenshot));  
 } else {  
 byte[] screenshot = ((TakesScreenshot) *driver*).getScreenshotAs(OutputType.*BYTES*);  
 Allure.*addAttachment*("Passed Screenshot", new ByteArrayInputStream(screenshot));  
 }  
 }  
}

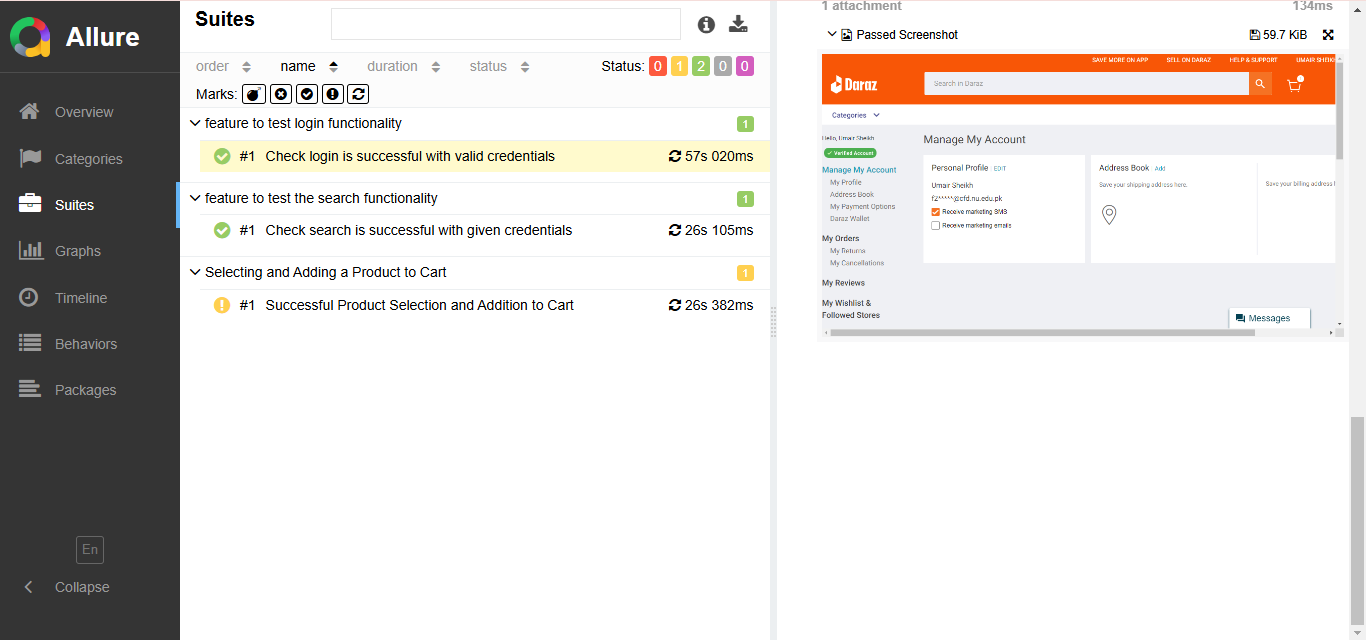
Feature: Selecting and Adding a Product to Cart  
  
 Scenario: Successful Product Selection and Addition to Cart  
 Given User is on the product details page  
 When User selects the product  
 And clicks the add to cart button  
 Then Product is added to the cart

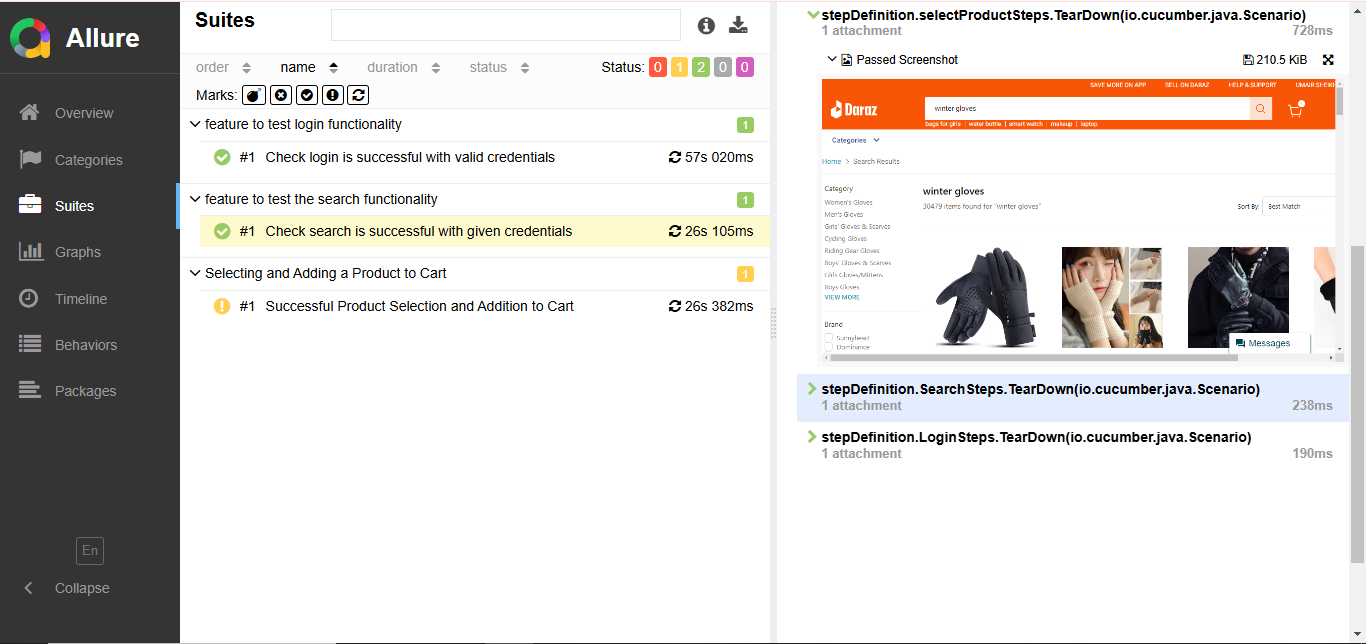
package stepDefinition;  
  
import io.cucumber.java.After;  
import io.cucumber.java.Before;  
import io.cucumber.java.Scenario;  
import io.cucumber.java.en.And;  
import io.cucumber.java.en.Given;  
import io.cucumber.java.en.Then;  
import io.cucumber.java.en.When;  
import io.qameta.allure.Allure;  
import org.openqa.selenium.By;  
import org.openqa.selenium.OutputType;  
import org.openqa.selenium.TakesScreenshot;  
  
import java.io.ByteArrayInputStream;  
  
public class selectProductSteps extends BaseTest {  
 @Before  
 public void setUpScenario() {  
 setUp();  
 }  
  
 @Given("User is on the product details page")  
 public void user\_is\_on\_the\_product\_details\_page() {  
 }  
  
 @When("User selects the product")  
 public void user\_selects\_the\_product() {  
 *driver*.findElement(By.*className*("Ms6aG")).click();  
 }  
  
 @And("clicks the add to cart button")  
 public void clicks\_the\_add\_to\_cart\_button() {  
 *driver*.findElement(By.*className*("pdp-button\_theme\_orange")).click();  
 }  
  
 @Then("Product is added to the cart")  
 public void product\_is\_added\_to\_the\_cart() {  
 String successMessage = *driver*.findElement(By.*className*("cart-message-text")).getText();  
 if (successMessage == "Added to cart successfully!") {  
 *driver*.quit();  
 }  
 }  
  
 @After  
 public void TearDown(Scenario scenario) {  
 if (scenario.isFailed()) {  
 byte[] screenshot = ((TakesScreenshot) *driver*).getScreenshotAs(OutputType.*BYTES*);  
 Allure.*addAttachment*("Failed Screenshot", new ByteArrayInputStream(screenshot));  
 } else {  
 byte[] screenshot = ((TakesScreenshot) *driver*).getScreenshotAs(OutputType.*BYTES*);  
 Allure.*addAttachment*("Passed Screenshot", new ByteArrayInputStream(screenshot));  
 }  
 }  
  
}

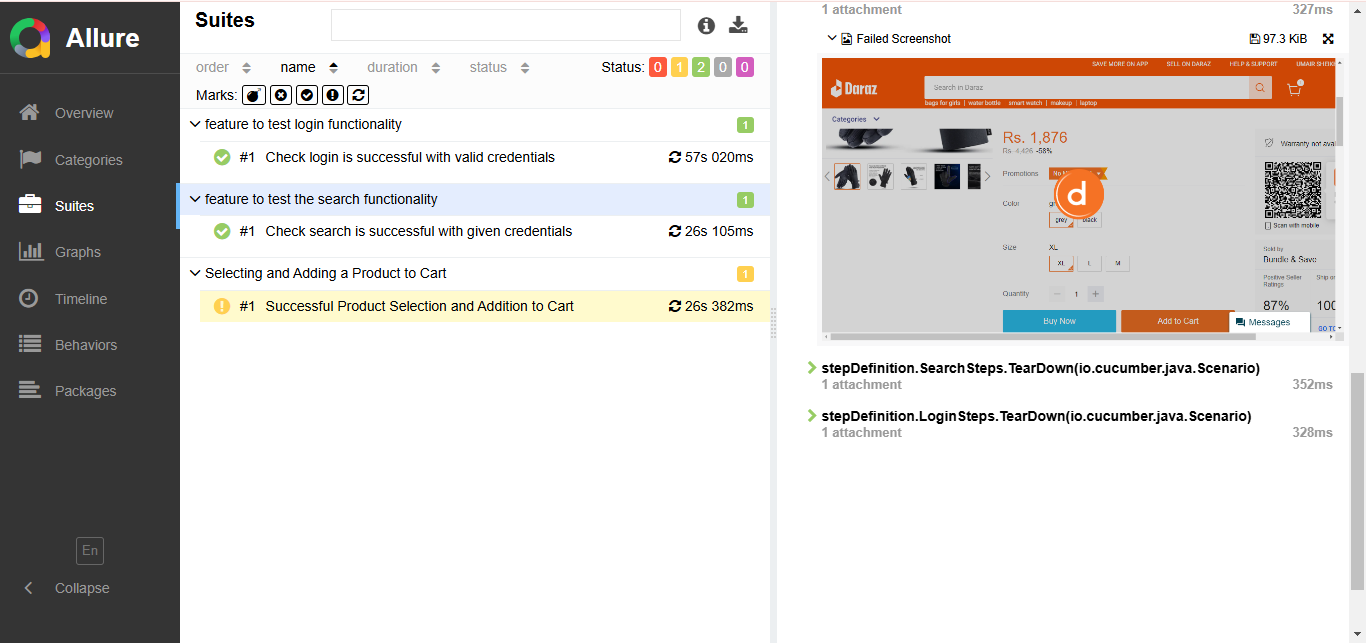
package stepDefinition;  
  
import io.cucumber.junit.Cucumber;  
import io.cucumber.junit.CucumberOptions;  
import org.junit.runner.RunWith;  
  
@RunWith(Cucumber.class)  
@CucumberOptions(features = "src/test/Features", glue = {"stepDefinition"},  
 monochrome = true,  
 plugin = {"pretty", "junit:target/JUnitReport.xml",  
 "pretty", "json:target/JsonReport.json",  
 "pretty", "html:target/HtmlReport.html",  
 "pretty", "io.qameta.allure.cucumber7jvm.AllureCucumber7Jvm"}  
)  
public class TestRunners {  
  
}

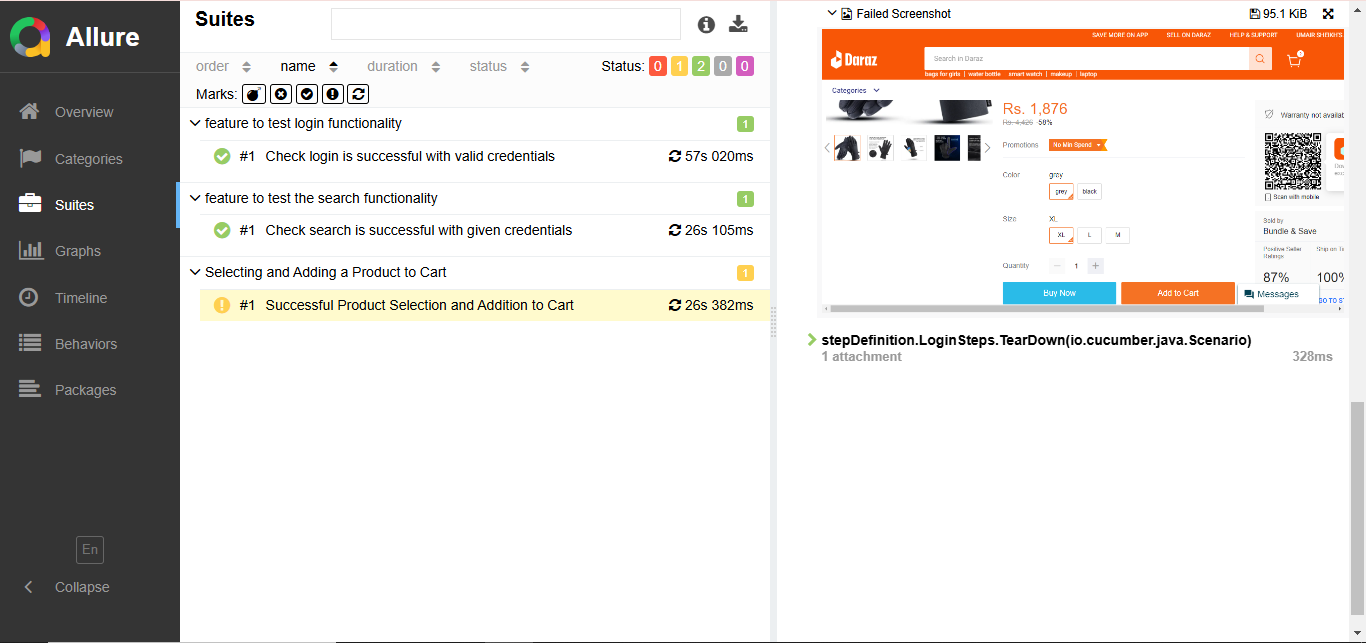


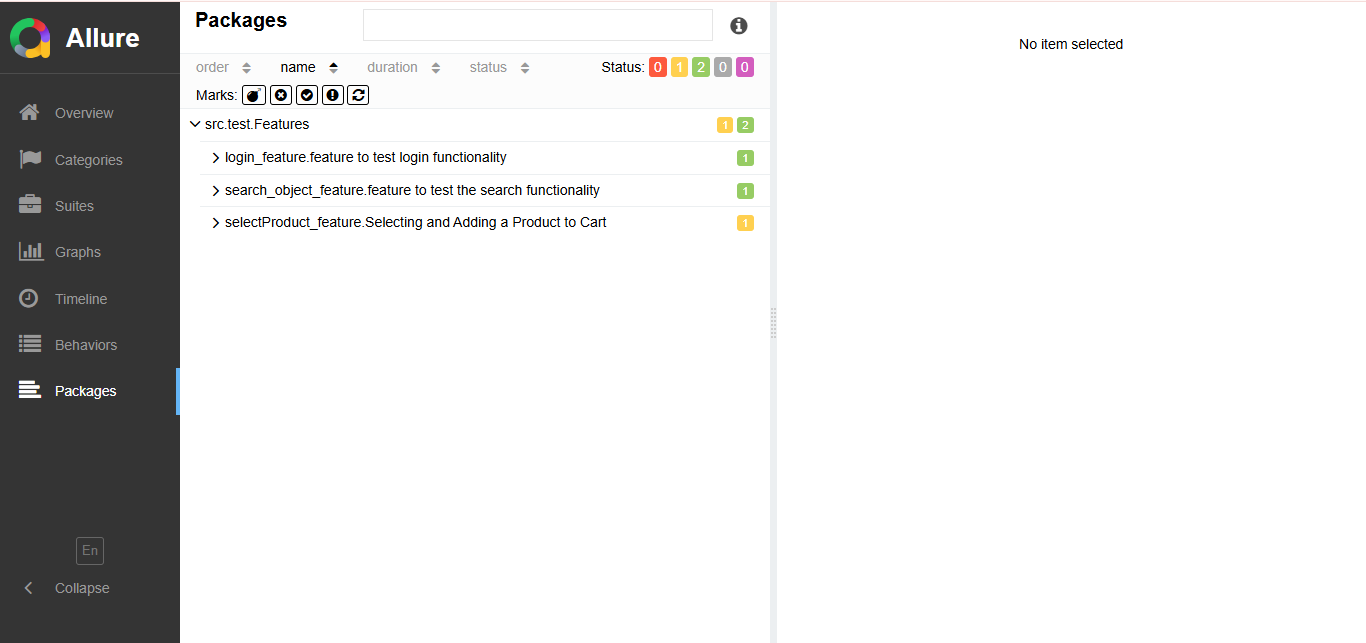
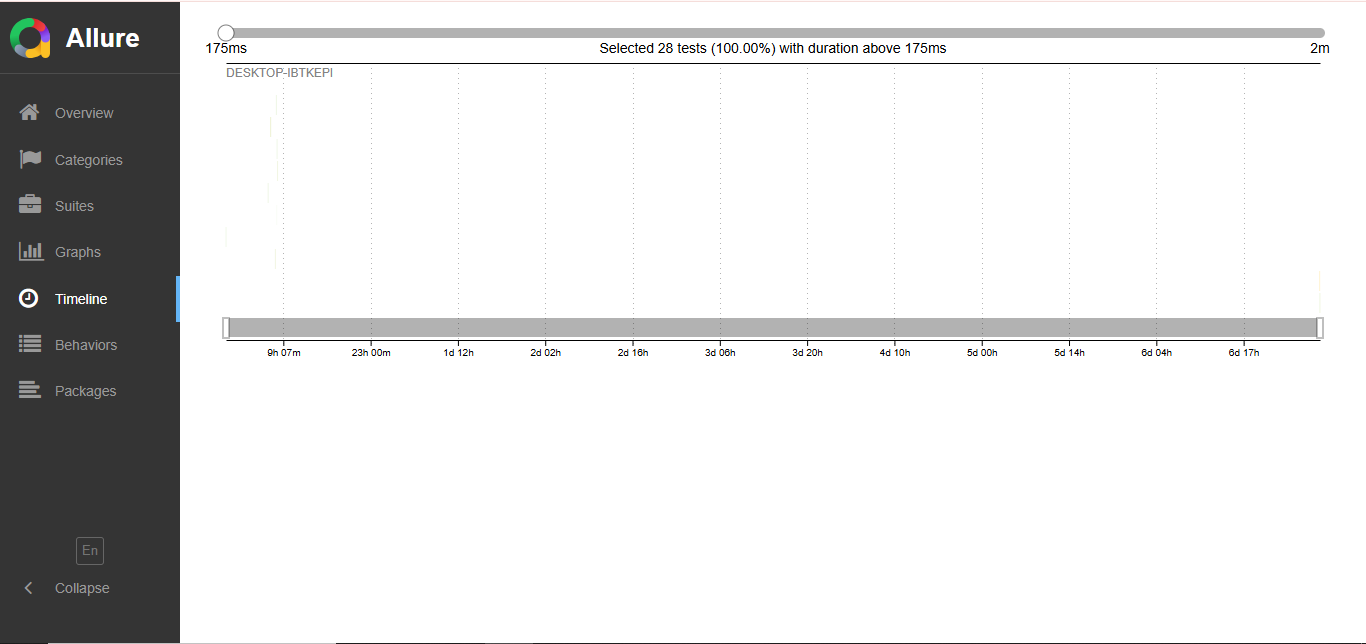
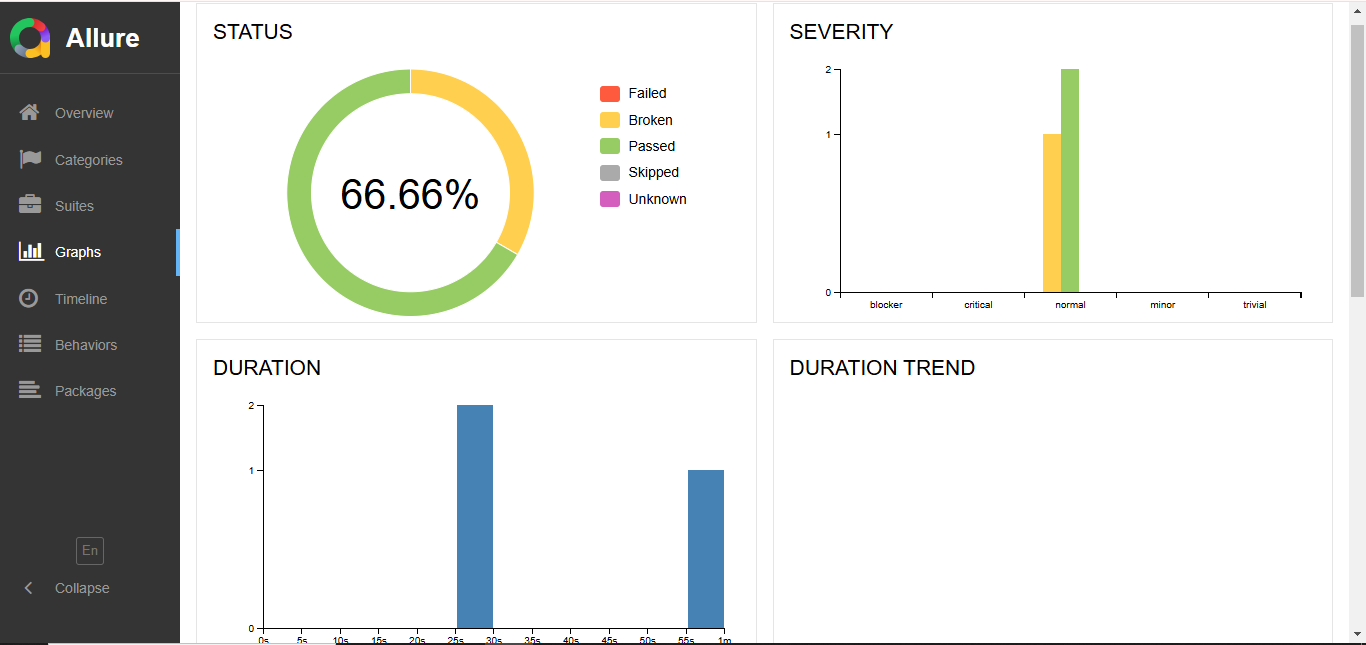
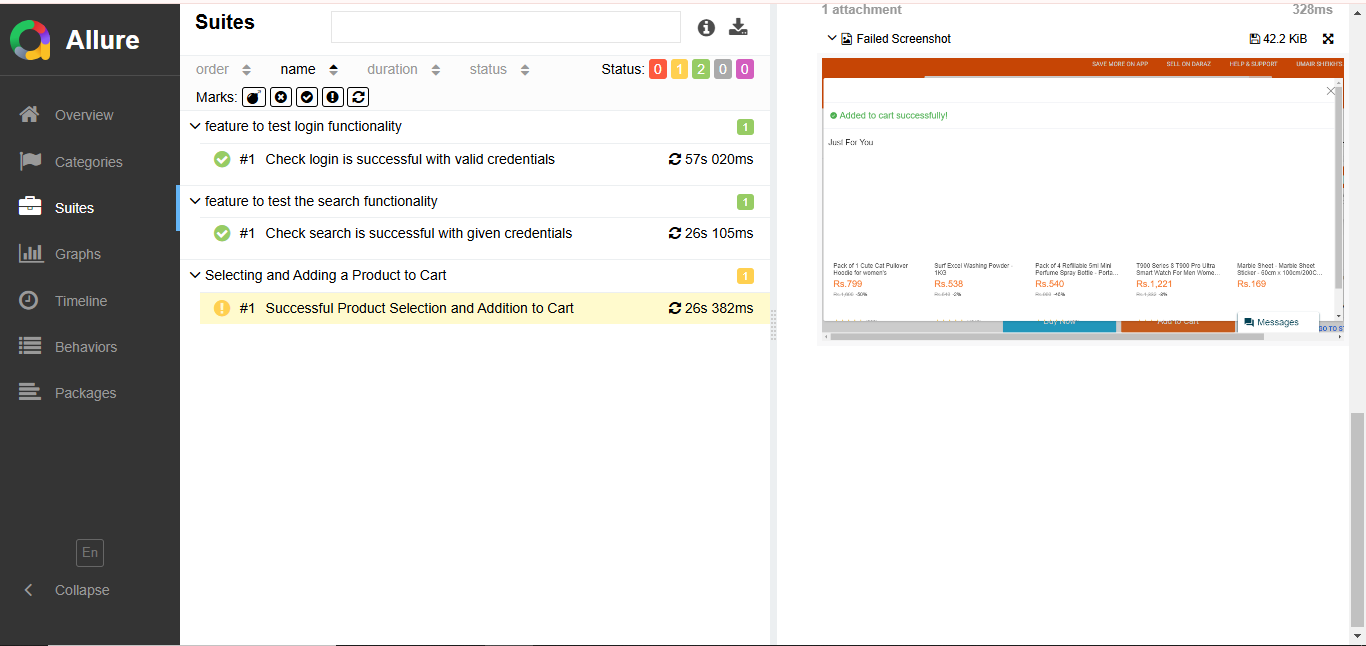


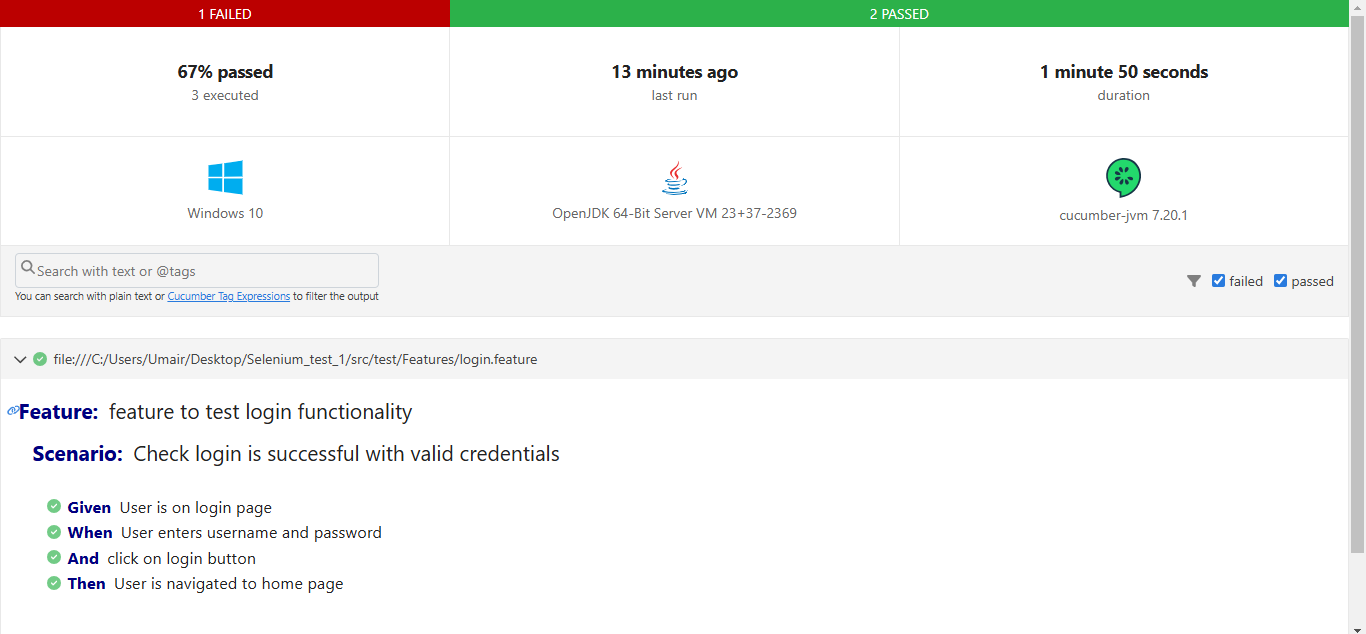


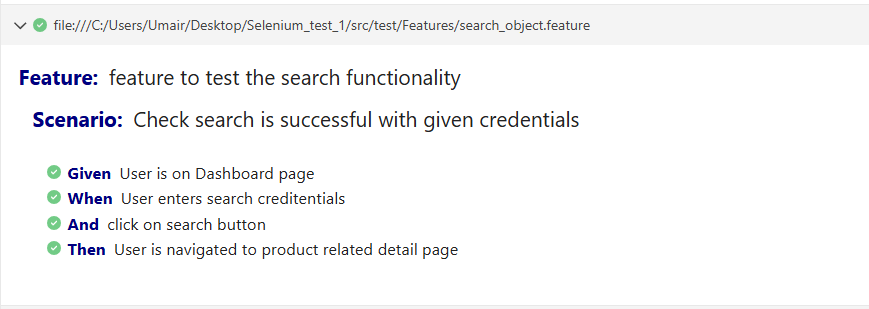


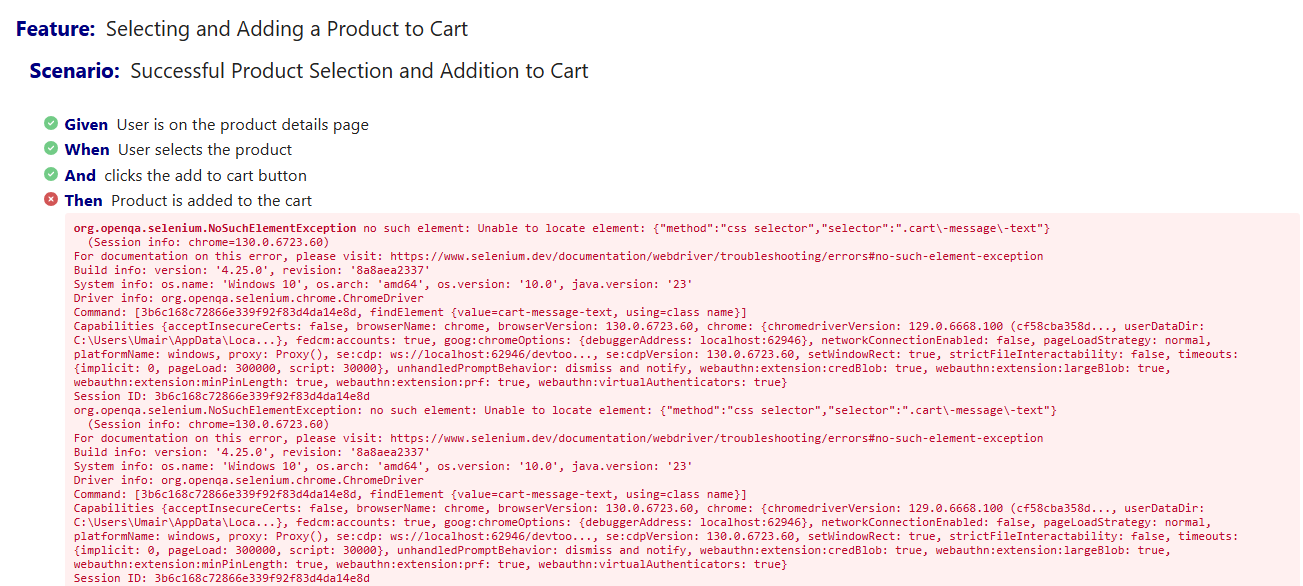


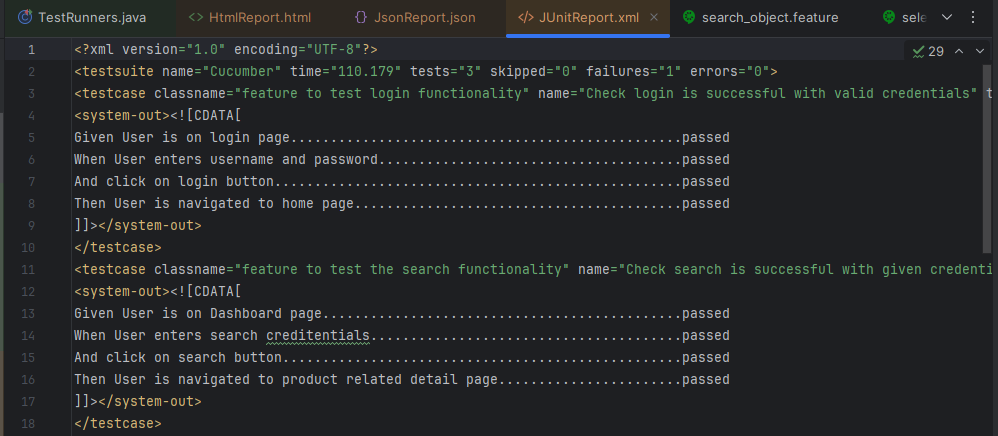


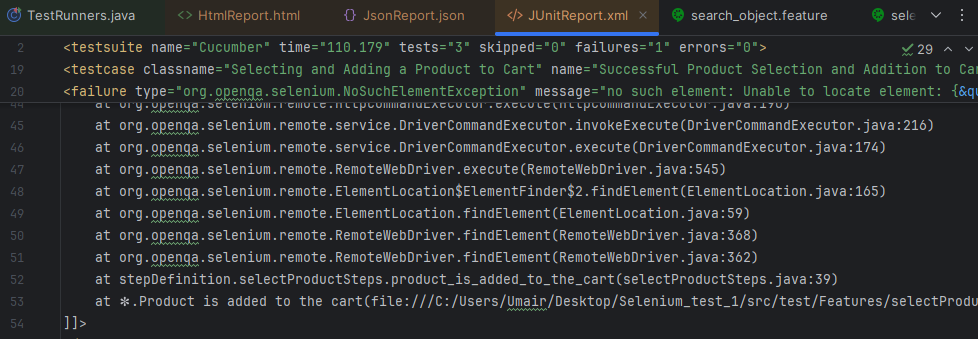
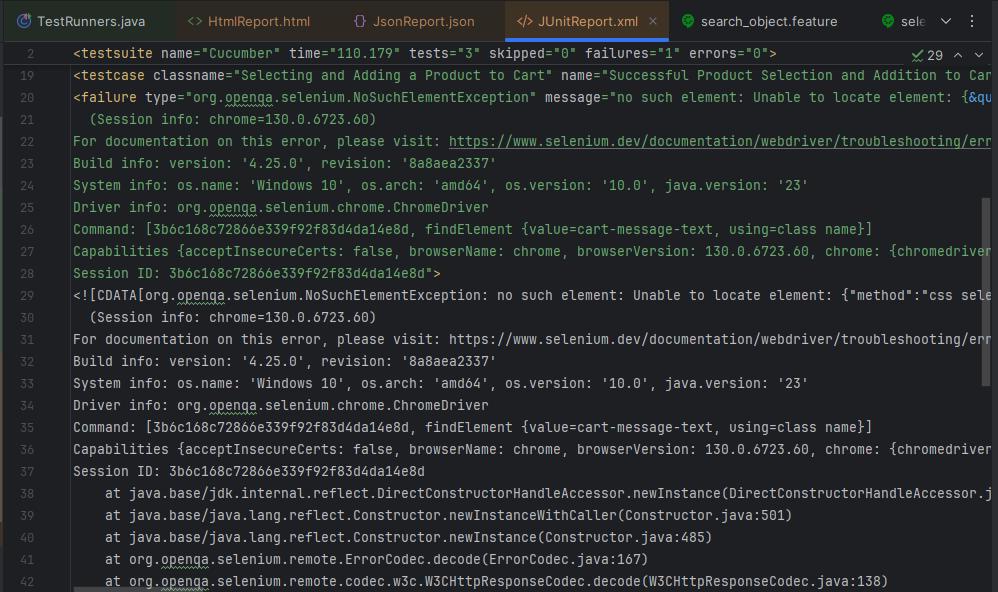


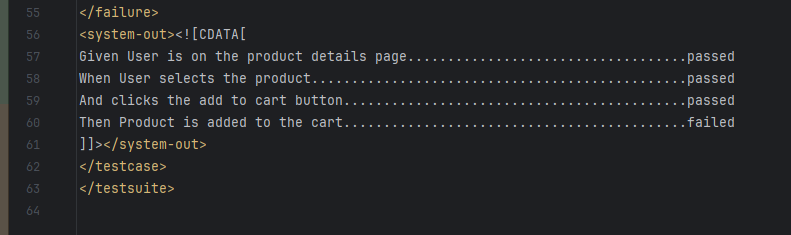












***Login With CSV:***

Feature: Feature to test login functionality  
  
Scenario: Check login is successful with valid credentials from CSV file  
Given User is on login page  
When User enters username and password from CSV  
Then User should be logged in

package org.codcop.automation.pages;  
  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.WebElement;  
import org.openqa.selenium.support.FindBy;  
  
public class LoginPage extends BasePage {  
  
 @FindBy(id = "eid")  
 private WebElement usernameField;  
  
 @FindBy(id = "pw")  
 private WebElement passwordField;  
  
 @FindBy(id = "submit")  
 private WebElement loginButton;  
  
 public LoginPage(WebDriver driver) {  
 super(driver);  
 }  
  
 public void login(String username, String password) {  
 usernameField.sendKeys(username);  
 passwordField.sendKeys(password);  
 usernameField.clear();  
 passwordField.clear();  
 loginButton.submit();  
  
 }  
}

package org.codcop.automation.stepdefinitions;  
  
import io.cucumber.java.en.Given;  
import io.cucumber.java.en.Then;  
import io.cucumber.java.en.When;  
import org.codcop.automation.pages.LoginPage;  
import org.codcop.automation.utils.CSVUtils;  
import org.junit.Assert;  
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.chrome.ChromeDriver;  
import org.openqa.selenium.chrome.ChromeOptions;  
  
import java.io.IOException;  
import java.util.List;  
  
public class LoginSteps {  
  
 private WebDriver driver;  
 private LoginPage loginPage;  
 private String Url = "http://slate.nu.edu.pk/portal/relogin";  
  
 @Given("User is on login page")  
 public void user\_is\_on\_login\_page() {  
 ChromeOptions options = new ChromeOptions();  
 options.addArguments("--disable-notifications");  
 driver = new ChromeDriver(options);  
 driver.get(Url);  
 loginPage = new LoginPage(driver);  
 }  
  
 @When("User enters username and password from CSV")  
 public void user\_enters\_username\_and\_password() throws IOException {  
 List<String[]> csvData = CSVUtils.readCSV("src/test/resources/userdata.csv");  
 for (String[] credentials : csvData) {  
  
 String username = credentials[0];  
 String password = credentials[1];  
 loginPage.login(username, password);  
 String currentUrl = driver.getCurrentUrl();  
 Assert.assertTrue("User is logged in with invalid credentials", currentUrl.equals(Url));  
 }  
 }  
  
 @Then("User should be logged in")  
 public void user\_should\_be\_logged\_in() {  
 driver.quit();  
 }  
}

// CSVUtils.java  
package org.codcop.automation.utils;  
  
import java.io.BufferedReader;  
import java.io.FileReader;  
import java.io.IOException;  
import java.util.ArrayList;  
import java.util.List;  
  
public class CSVUtils {  
  
 public static List<String[]> readCSV(String filePath) throws IOException {  
 List<String[]> data = new ArrayList<>();  
 try (BufferedReader br = new BufferedReader(new FileReader(filePath))) {  
 String line;  
 while ((line = br.readLine()) != null) {  
 String[] values = line.split(",");  
 data.add(values);  
 }  
 }  
 return data;  
 }  
}

