

Advance Software Quality Assurance

IS4102

Final Assignment

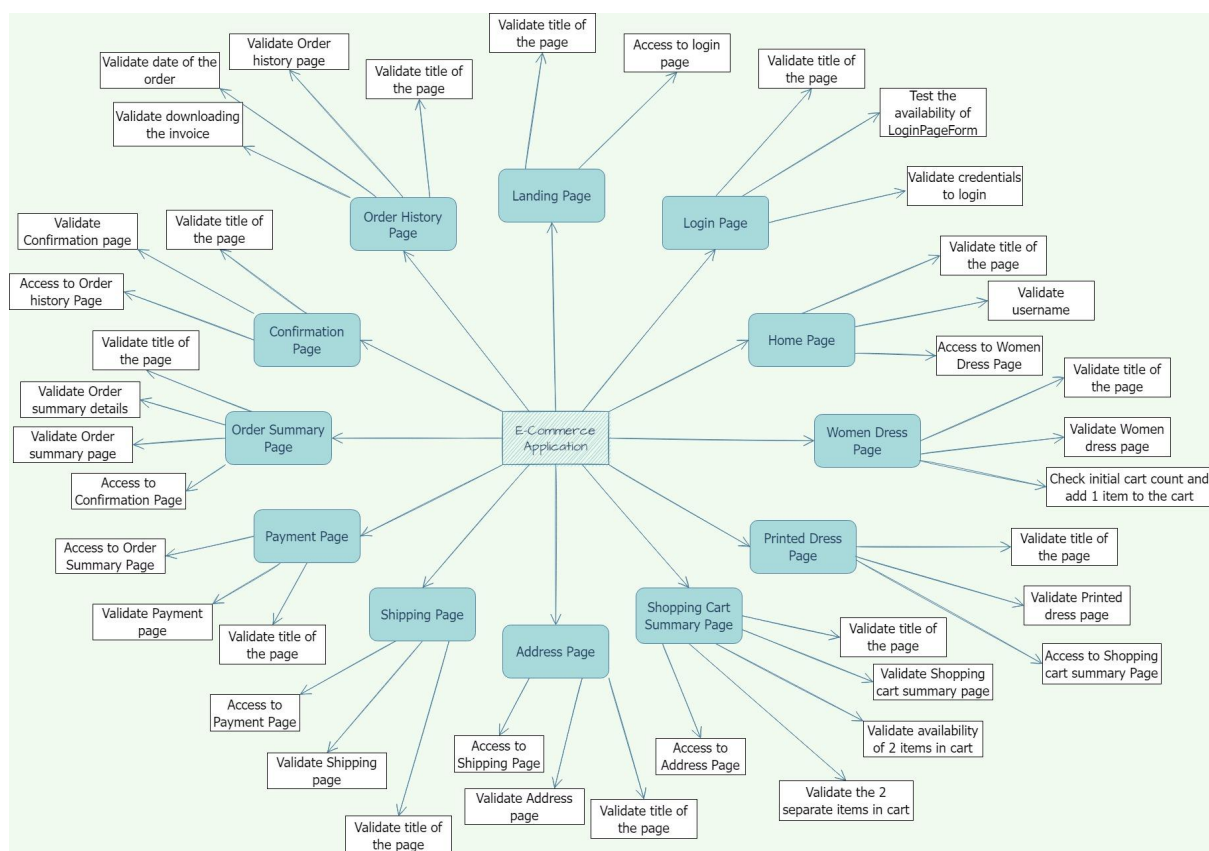
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Project 02 - Validating the E-commerce application to add the products to the cart

GitHub Repo link - <https://github.com/DuminduChamal/MyStoreTestAutomation>

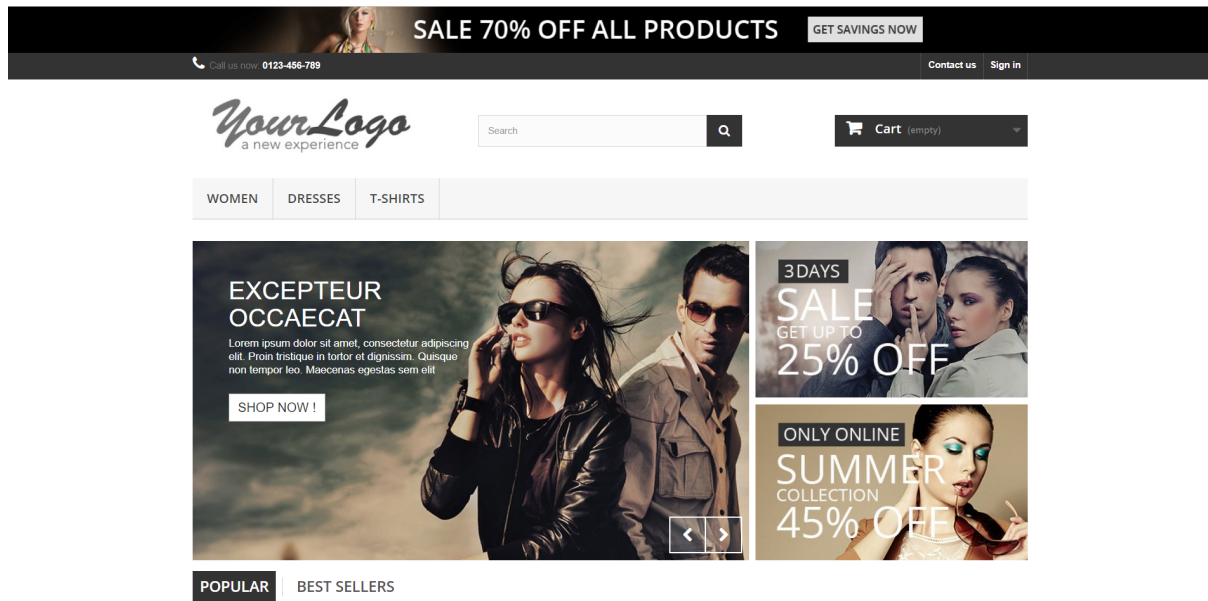
YouTube Video link - <https://youtu.be/BDJ01HACny4>

01). Mind Map and develop test cases for the given requirement



In the above mind map, we have shown the test cases that we've developed to test a scenario of logging to an e-commerce application, adding multiple items (2 in our case) and checking out to view the receipt. The test cases are categorized under 12 web pages that will be accessed during the testing process.

As we access the given url "<http://automationpractice.com/index.php>", we'll be forwarded to a home page of the above e-commerce platform. This page is called the landing page throughout this process.

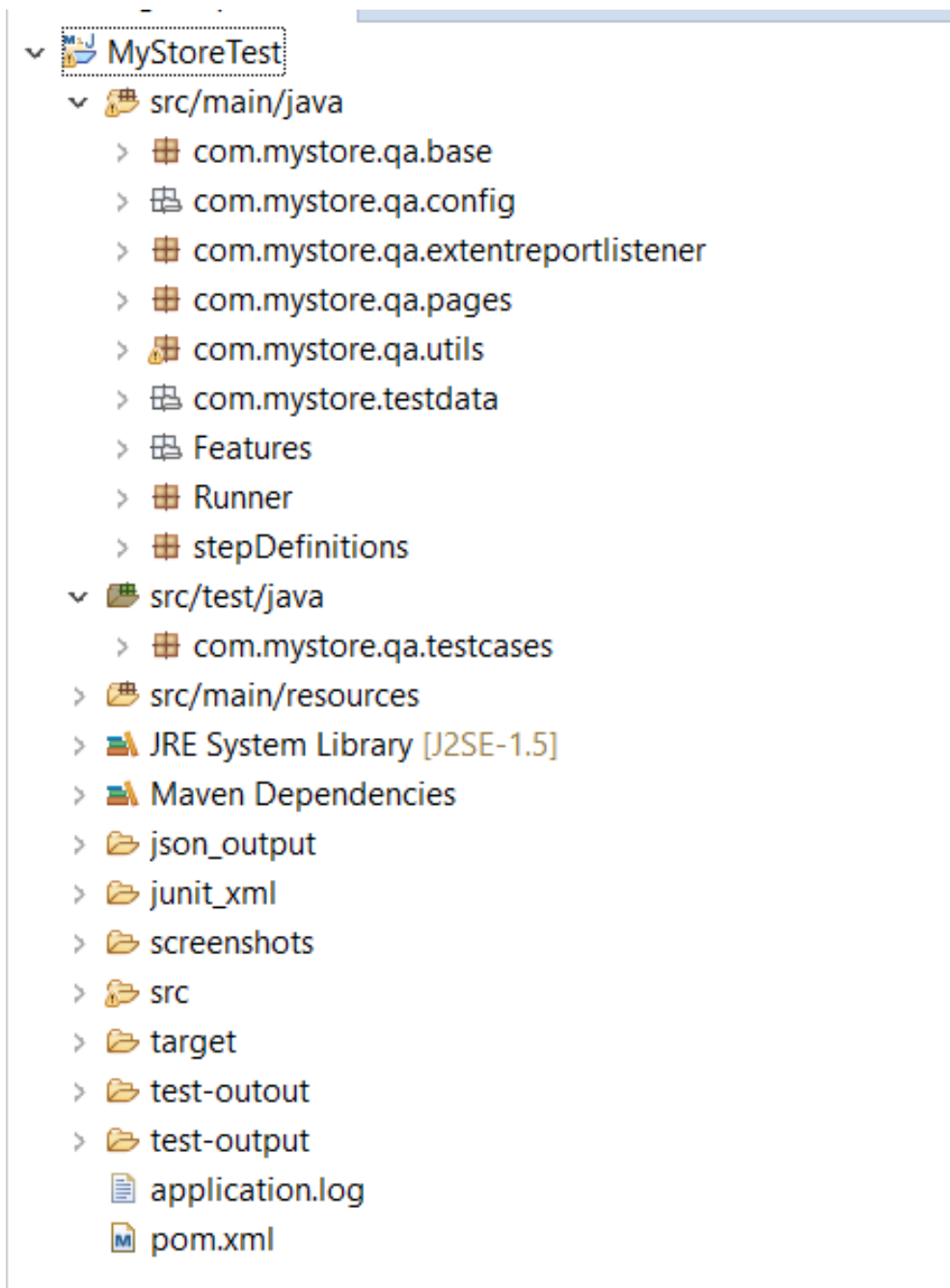


Once this website is accessed, we'll conduct the following test cases.

1. Validation of the title of the Landing Page
2. Validation of access to Login Page
3. Validation of the title of the Login Page
4. Test the availability of the login form in the page
5. Validate the user credentials to login and direction to Home page
6. Validation of the title of the Home Page
7. Validation of username in the Home Page
8. Validation of access to Women Dress Page
9. Validation of the title of the Women Dress Page
10. Validation of the Women Dress Page with regards to content
11. Testing the count of initial cart and adding items to the cart
12. Validation of the title of the Printed Dress Page
13. Validation of the Printed Dress Page with regards to content
14. Validation of availability of 2 items in the cart
15. Validation of the items in the cart
16. Validation of access to Shopping Cart Summary Page
17. Validation of the title of the Shopping Cart Summary Page
18. Validation of the Shopping Cart Summary Page with regards to content
19. Validation of access to Address Page
20. Validation of the title of the Address Page
21. Validation of the Address Page with regards to content
22. Validation of the title of the Shipping Page
23. Validation of access to Shipping Page
24. Validation of the Shipping Page with regards to content

-
25. Validation of access to Payment Page
 26. Validation of the title of the Payment Page
 27. Validation of the Payment Page with regards to content
 28. Validation of access to Order Summary Page
 29. Validation of the title of the Order Summary Page
 30. Validation of the Order Summary Page with regards to content
 31. Validation of the order details in Order Summary Page
 32. Validation of access to Confirmation Page
 33. Validation of the title of the Confirmation Page
 34. Validation of the Confirmation Page with regards to content
 35. Validation of access to Order History Page
 36. Validation of the title of the Order History Page
 37. Validation of the Order History Page with regards to content
 38. Validation of date of order placed
 39. Validation of downloading the invoice














02). Hybrid Test Framework -- Page Object Model + Data-Driven framework + TestNG & Maven Project Structure

















03). The corresponding packages for -- Scripting

a. Page Layer: Creating and storing the test object description using Page Factory –

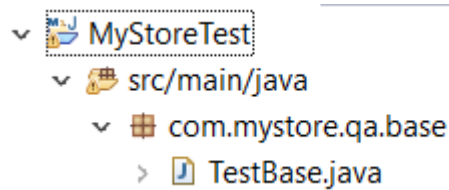
Framework

- ▼  com.mystore.qa.pages
 - >  AddressPage.java
 - >  ConfirmationPage.java
 - >  HomePage.java
 - >  LandingPage.java
 - >  LoginPage.java
 - >  OrderHistoryPage.java
 - >  OrderSummaryPage.java
 - >  PaymentPage.java
 - >  PrintedDressPage.java
 - >  ShippingPage.java
 - >  ShoppingCartSummaryPage.java
 - >  WomenDressPage.java

b. Test Layer: Multiple test cases using TestNG annotations – Framework

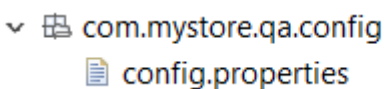
- ▼  src/test/java
 - ▼  com.mystore.qa.testcases
 - >  AddressPageTest.java
 - >  ConfirmationPageTest.java
 - >  HomePageTest.java
 - >  LandingPageTest.java
 - >  LoginPageTest.java
 - >  OrderHistoryPageTest.java
 - >  OrderSummaryPageTest.java
 - >  PaymentPageTest.java
 - >  PrintedDressPageTest.java
 - >  ShippingPageTest.java
 - >  ShoppingCartSummaryPageTest.java
 - >  WomenDressPageTest.java

c. Test Base: Prerequisite of initializing the drivers, properties, etc. – Framework



```
TestBase.java
2*import java.io.FileInputStream;
17
18 public class TestBase {
19     public static WebDriver driver;
20     public static Properties prop;
21     public static EventFiringWebDriver e_driver;
22     public static WebEventListener eventListener;
23
24     public TestBase(){
25         try {
26             prop = new Properties();
27             FileInputStream ip = new FileInputStream(System.getProperty("user.dir")+ "/src/main/java/com/mystore/qa/config/config.properties");
28             prop.load(ip);
29         } catch (FileNotFoundException e) {
30             e.printStackTrace();
31         } catch (IOException e) {
32             e.printStackTrace();
33         }
34     }
35
36     public static void initialization() {
37         String browserName = prop.getProperty("browser");
38         if(browserName.equals("chrome")){
39             System.setProperty("webdriver.chrome.driver", "F:\\SQA\\chromedriver.exe");
40             driver = new ChromeDriver();
41         }
42         else if(browserName.equals("firefox")){
43             System.setProperty("webdriver.gecko.driver", "F:\\SQA\\geckodriver.exe");
44             driver = new FirefoxDriver();
45         }
46
47         e_driver = new EventFiringWebDriver(driver);
48         eventListener = new WebEventListener();
49         e_driver.register(eventListener);
50         driver = e_driver;
51
52         driver.manage().window().maximize();
53         driver.manage().deleteAllCookies();
54         driver.manage().timeouts().pageLoadTimeout(TestUtil.PAGE_LOAD_TIMEOUT, TimeUnit.SECONDS);
55         driver.manage().timeouts().implicitlyWait(TestUtil.IMPLICIT_WAIT, TimeUnit.SECONDS);
56
57         driver.get(prop.getProperty("url"));
58     }
}
```

d. Configuration files: to store environment variables in. properties file like, URL, Default username and passwords, browser instances etc. – Framework



```
config.properties
1 url = http://automationpractice.com/index.php?
2
3 username = is4102@ucsctest.com
4 password = test@123
5
6 browser = chrome
```

e. Test data files: Excels, My SQL DB, Property file

```

v com.mystore.testdata
  Item_Selection.xlsx
  
```

f. Utilities: to store screenshots, generic functions, common utilities, emails etc.

```

v com.mystore.qa.utils
  > TestUtil.java
  > WebEventListener.java
  
```

g. Reports using HTML, XML, Extent Reports etc.- Framework

Test	# Passed	# Skipped	# Retried	# Failed	Time (ms)	Included Groups	Excluded Groups
My Store Test Automation Test Suite							
My Store Test Cases	39	0	0	0	989,627		

Class	Method	Start	Time (ms)
My Store Test Automation Test Suite			
My Store Test Cases — passed			
com.mystore.qa.testcases.AddressPageTest	AddressPageTitleTest	1636534212376	6
	AddressPageValidateTest	1636534237142	55
	ProceedToCheckoutTest	1636534263399	1818
com.mystore.qa.testcases.ConfirmationPageTest	BackToOrderHistoryTest	1636534670741	3355
	ConfirmationPageTitleTest	1636534603317	13
	ConfirmationPageValidateTest	1636534635361	46
com.mystore.qa.testcases.HomePageTest	HomePageTitleTest	1636533909737	16
	HomePageUserNameTest	1636533922184	63
	directToWomenDressPageTest	1636533935782	2683
com.mystore.qa.testcases.LandingPageTest	directToLoginPageTest	1636533861923	2097
	loginPageTitleTest	1636533853597	45
com.mystore.qa.testcases.LoginPageTest	loginPageTitleTest	1636533873538	20
	loginPageLogoTest	1636533883717	73
	loginTest	1636533894134	2065
com.mystore.qa.testcases.OrderHistoryPageTest	CheckTheDateOfOrderTest	1636534793087	46
	DownloadInvoiceTest	1636534833962	101
	OrderHistoryPageTitleTest	1636534712977	5
	OrderHistoryPageValidateTest	1636534755634	47
com.mystore.qa.testcases.OrderSummaryPageTest	CheckOrderSummaryPageValidateTest	1636534529565	49
	OrderSummaryPageCheckoutTest	1636534563546	2937

com.mystore.qa.testcases.PaymentPageTest	PaymentPageTitleTest	1636534372795	8
	PaymentPageValidateTest	1636534402255	59
	ProceedToCheckoutTest	1636534434631	1200
com.mystore.qa.testcases.PrintedDressPageTest	AddItemAndProceedToCheckoutTest	1636534056232	2951
	PrintedDressPageTitleTest	1636534012597	4
	PrintedDressPageValidateTest	1636534033873	52
com.mystore.qa.testcases.ShippingPageTest	ProceedToCheckoutTest	1636534341407	1748
	ShippingPageTitleTest	1636534291406	15
	ShippingPageValidateTest	1636534317813	62
com.mystore.qa.testcases.ShoppingCartSummaryPageTest	ExactTwoProductsTest	1636534162363	80
	PrintedDressPageTitleTest	1636534088427	7
	PrintedDressPageValidateTest	1636534115087	52
	ProceedToCheckoutTest	1636534184210	2166
	TwoProductsTest	1636534138283	55
com.mystore.qa.testcases.WomenDressPageTest	WomenDressPageTitleTest	1636533958337	9
	WomenDressPageValidateTest	1636533972835	65
	addOneItemAndViewOneItemTest	1636533987699	4600

My Store Test Cases

com.mystore.qa.testcases.AddressPageTest#AddressPageTitleTest

[back to summary](#)

com.mystore.qa.testcases.AddressPageTest#AddressPageValidateTest

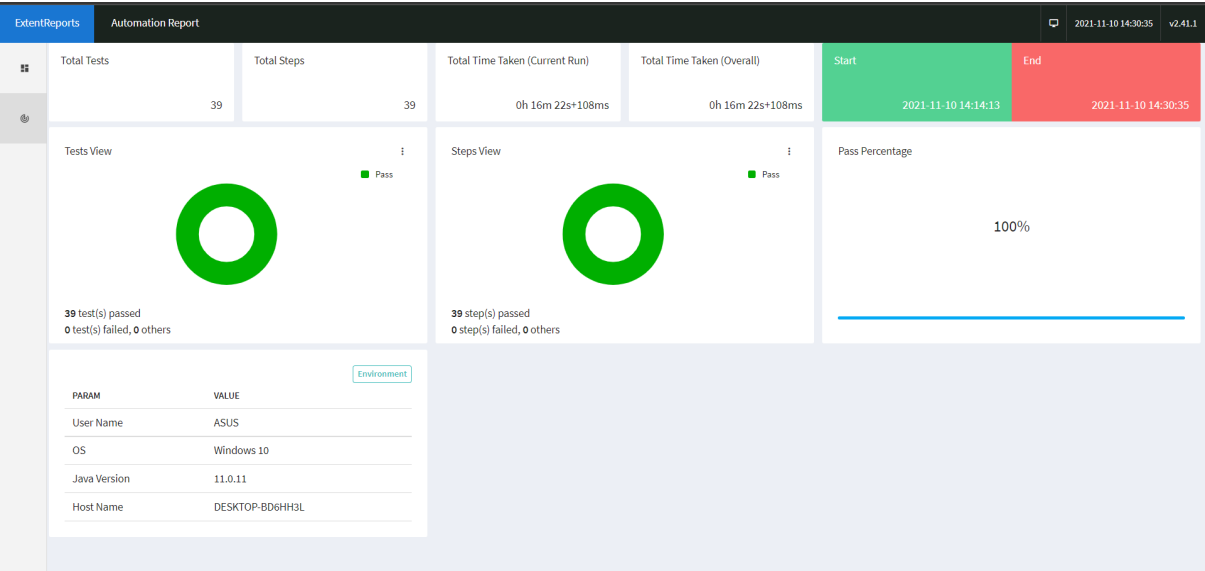
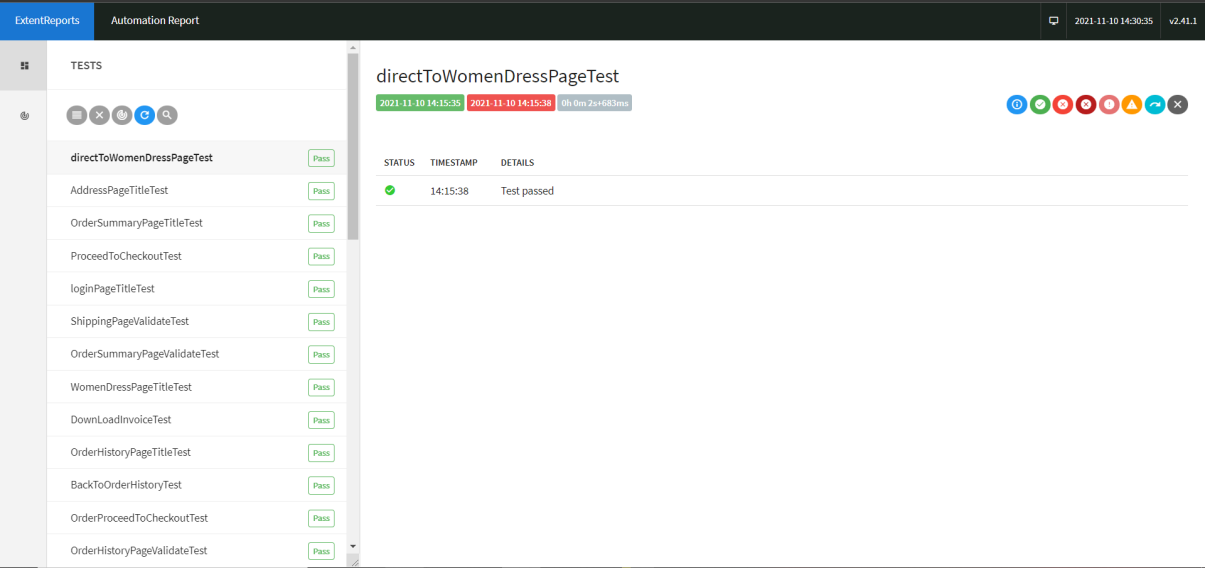
[back to summary](#)

My Store Test Cases

Tests passed/Failed/Skipped:	39/0/0
Started on:	Wed Nov 10 14:14:05 IST 2021
Total time:	989 seconds (989627 ms)
Included groups:	
Excluded groups:	

(Hover the method name to see the test class name)

PASSED TESTS			
Test method	Exception	Time (seconds)	Instance
directToWomenDressPageTest Test class: com.mystore.qa.testcases.HomePageTest		2	com.mystore.qa.testcases.HomePageTest@239a307b
AddressPageTitleTest Test class: com.mystore.qa.testcases.AddressPageTest		0	com.mystore.qa.testcases.AddressPageTest@5f8e8a9d
OrderSummaryPageTitleTest Test class: com.mystore.qa.testcases.OrderSummaryPageTest		0	com.mystore.qa.testcases.OrderSummaryPageTest@3cee5371
ProceedToCheckoutTest Test class: com.mystore.qa.testcases.ShippingPageTest		1	com.mystore.qa.testcases.ShippingPageTest@5745ca0e
loginPageTitleTest Test class: com.mystore.qa.testcases.LoginPageTest		0	com.mystore.qa.testcases.LoginPageTest@740fb309
ShippingPageValidateTest Test class: com.mystore.qa.testcases.ShippingPageTest		0	com.mystore.qa.testcases.ShippingPageTest@5745ca0e
OrderSummaryPageValidateTest Test class: com.mystore.qa.testcases.OrderSummaryPageTest		0	com.mystore.qa.testcases.OrderSummaryPageTest@3cee5371
WomenDressPageTitleTest Test class: com.mystore.qa.testcases.WomenDressPageTest		0	com.mystore.qa.testcases.WomenDressPageTest@2a8448fa
DownloadInvoiceTest Test class: com.mystore.qa.testcases.OrderHistoryPageTest		0	com.mystore.qa.testcases.OrderHistoryPageTest@6e535154
OrderHistoryPageTitleTest Test class: com.mystore.qa.testcases.OrderHistoryPageTest		0	com.mystore.qa.testcases.OrderHistoryPageTest@6e535154
BackToOrderHistoryTest		1	com.mystore.qa.testcases.OrderHistoryPageTest@6e535154



04). Execute Automation Scripts on Multiple times with capturing screen images of failure test cases by fetching the data from DB, excel, property file.

	A	B
1	Item One	Item Two
2	Faded Short Sleeve T-shirts	Summer
3	Summer	Faded Short Sleeve T-shirts
4		

- ▼ screenshots
 - 1636137566831.png
 - 1636202276497.png
 - 1636203459721.png
 - 1636204528235.png
 - 1636211412039.png
 - 1636216433936.png
 - 1636220074204.png
 - 1636396925730.png
 - 1636397082235.png
 - 1636397499511.png

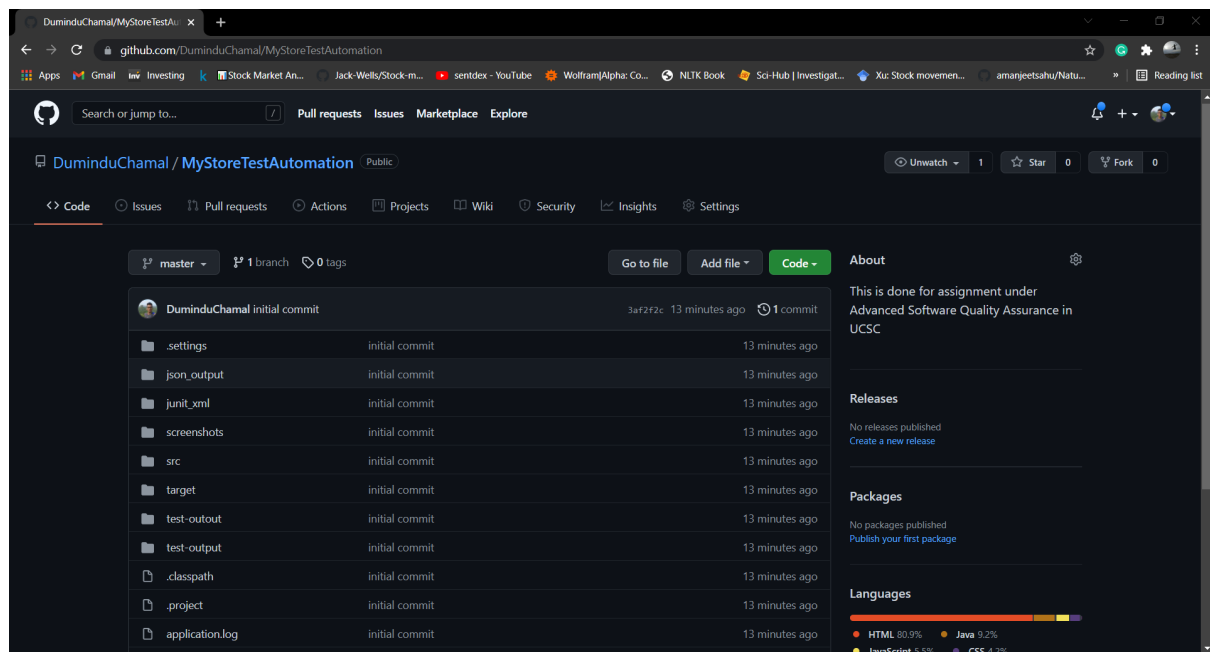
05). Able to capture all the logs using log4j

```
1#Set level
2log4j.rootCategory=debug, console, file
3
4# Appender which writes to console
5log4j.appender.console=org.apache.log4j.ConsoleAppender
6log4j.appender.console.layout=org.apache.log4j.PatternLayout
7log4j.appender.console.layout.ConversionPattern=%d{MM-dd-yyyy HH:mm:ss} %F %-5p [%t] %c{2} %L - %m%n
8
9# Appender which writes to a file
10log4j.appender.file=org.apache.log4j.RollingFileAppender
11log4j.appender.file.File=application.log
12
13# Defining maximum size of a log file
14log4j.appender.file.MaxFileSize=10mb
15log4j.appender.file.MaxBackupIndex=10
16log4j.appender.file.layout=org.apache.log4j.PatternLayout
17log4j.appender.file.layout.ConversionPattern=%d{ISO8601} %5p [%t] %c{1}:%L - %m%n
18log4j.appender.file.Append=false
```

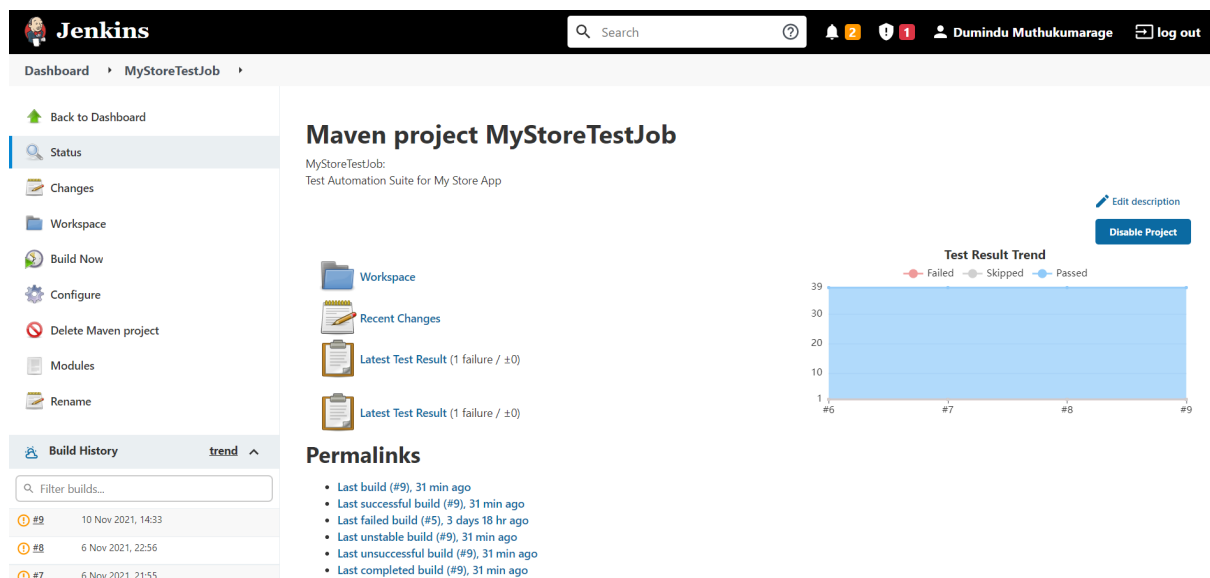
```
12021-11-10 14:39:08,766 INFO [main] LandingPageTest:32 - Validating Landing Page!
22021-11-10 14:39:08,769 INFO [main] LandingPageTest:33 - Landing Page Title - My Store
32021-11-10 14:39:08,770 INFO [main] LandingPageTest:35 - This is a info log
42021-11-10 14:39:08,770 WARN [main] LandingPageTest:36 - This is a warn log
52021-11-10 14:39:08,770 FATAL [main] LandingPageTest:37 - This is a fata log
62021-11-10 14:39:08,770 DEBUG [main] LandingPageTest:38 - This is a debug log
```

06). GitHub to store all the source code and any perform pushing and pulling operations

<https://github.com/DuminduChamal/MyStoreTestAutomation>



07). Jenkins for Continuous integration, execute scripts via Jenkins



Jenkins

2
 1
 1
Dumindu Muthukumarage
 log out

Dashboard
>
MyStoreTestJob
>
MyStoreTest
>
#9
>
Test Results
>
com.mystore.qa.testcases

Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
History
Executed Mojos
Test Result
Redeploy Artifacts
See Fingerprints
Previous Build

Test Result : com.mystore.qa.testcases

1 failures (±0)

39 tests (±0)

Took 37 sec.

[Add description](#)

All Failed Tests

Test Name	Duration	Age
com.mystore.qa.testcases.OrderHistoryPageTest.DownloadInvoiceTest	10 sec	4

All Tests

Class	Duration	Fail	(diff)	Skip	(diff)	Pass	(diff)	Total	(diff)
AddressPageTest	1.6 sec	0		0		3		3	
ConfirmationPageTest	2.6 sec	0		0		3		3	
HomePageTest	2.7 sec	0		0		3		3	
LandingPageTest	1.9 sec	0		0		2		2	
LoginPageTest	2.3 sec	0		0		3		3	
OrderHistoryPageTest	10 sec	1		0		3		4	

Jenkins

2
 1
 1
Dumindu Muthukumarage
 log out

Dashboard
>
MyStoreTestJob
>
MyStoreTest
>
#9
>
Test Results

Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
History
Executed Mojos
Test Result
Redeploy Artifacts
See Fingerprints
Previous Build

History

Build	Duration	Fail	Skip	Total
MyStoreTestJob > MyStoreTest #9	37 sec	1	0	39
MyStoreTestJob > MyStoreTest #8	39 sec	1	0	39
MyStoreTestJob > MyStoreTest #7	43 sec	1	0	39
MyStoreTestJob > MyStoreTest #6	45 sec	1	0	39

Jenkins

2
 1
 1
Dumindu Muthukumarage
 log out

Dashboard
>
MyStoreTestJob
>
MyStoreTest
>
#9

Back to Project
Status
Changes
Console Output
View as plain text
Edit Build Information
Delete build '#9'
Executed Mojos
Test Result
Redeploy Artifacts
See Fingerprints
Build Artifacts As Maven Repository
Previous Build

Build #9 (10 Nov 2021, 14:33:44)

[Keep this build forever](#)

[Add description](#)

Started 6 hr 57 min ago
Took 17 min

Build Artifacts

- [MyStoreTest-0.0.1-SNAPSHOT.jar](#) 27.11 KB [view](#)
- [MyStoreTest-0.0.1-SNAPSHOT.pom](#) 3.76 KB [view](#)

No changes.

[Test Result](#) (1 failure / ±0)

08). Selenium Integration with Cucumber and BDD Framework using Cucumber

▼ **Feature:** My Store Add Two Items

▼ **Scenario Outline:** My Store Add Two Items

Given user is already on Landing Page
When title of landing page is My Store
Then user clicks on sign in button
When title of login page is My Store Login
Then user enters "<username>" and "<password>"
Then user clicks on login button
Then user is on home page
Then user clicks on WOMEN button
When title of women page is Women My Store
Then user clicks on faded tshirt button
Then user clicks on add to cart
Then user clicks on continue shopping
Then user clicks on printed dress
Then user clicks on more button
When title of printed dress page is Printed Chiffon Dress My Store
Then user clicks on add to cart button
Then user clicks on proceed to checkout button
When title of order page is Order My Store
Then user clicks on proceed to checkout button on order page
When title of address page is Order My Store
Then user clicks on proceed to checkout button on address page
When title of shipping page is Order My Store
Then user clicks on check box
Then user clicks on proceed to checkout button on shipping page
When title of payment page is Order My Store
Then user clicks on pay by check button
When title of order summary page is My Store
Then user clicks on confirm button
When title of order confirmation page is Order confirmation My Store
Then user clicks on back button
When title of order history page is Order history My Store
Then user clicks on pdf button
Then Close the browser

▼ **Examples:**

username	password
is4102@ucsctest.com	test@123

▼ **Scenario Outline:** My Store Add Two Items

Given user is already on Landing Page

When title of landing page is My Store

Then user clicks on sign in button

When title of login page is My Store Login

Then user enters "is4102@ucsctest.com" and "test@123"

Then user clicks on login button

Then user is on home page

Then user clicks on WOMEN button

When title of women page is Women My Store

Then user clicks on faded tshirt button

Then user clicks on add to cart

Then user clicks on continue shopping

Then user clicks on printed dress

Then user clicks on more button

When title of printed dress page is Printed Chiffon Dress My Store

Then user clicks on add to cart button

Then user clicks on proceed to checkout button

When title of order page is Order My Store

Then user clicks on proceed to checkout button on order page

When title of address page is Order My Store

Then user clicks on proceed to checkout button on address page

When title of shipping page is Order My Store

Then user clicks on check box

Then user clicks on proceed to checkout button on shipping page

When title of payment page is Order My Store

Then user clicks on pay by check button

When title of order summary page is My Store

Then user clicks on confirm button

When title of order confirmation page is Order confirmation My Store

Then user clicks on back button

When title of order history page is Order history My Store

Then user clicks on pdf button

Then Close the browser

a. Feature File using Gherkin Language

```
1 Feature: My Store Add Two Items
2
3 Scenario Outline: My Store Add Two Items
4
5 Given user is already on Landing Page
6 When title of landing page is My Store
7 Then user clicks on sign in button
8 When title of login page is My Store Login
9 Then user enters "<username>" and "<password>"
10 Then user clicks on login button
11 Then user is on home page
12 Then user clicks on WOMEN button
13 When title of women page is Women My Store
14 Then user clicks on faded tshirt button
15 Then user clicks on add to cart
16 Then user clicks on continue shopping
17 Then user clicks on printed dress
18 Then user clicks on more button
19 When title of printed dress page is Printed Chiffon Dress My Store
20 Then user clicks on add to cart button
21 Then user clicks on proceed to checkout button
22 When title of order page is Order My Store
23 Then user clicks on proceed to checkout button on order page
24 When title of address page is Order My Store
25 Then user clicks on proceed to checkout button on address page
26 When title of shipping page is Order My Store
27 Then user clicks on check box
28 Then user clicks on proceed to checkout button on shipping page
29 When title of payment page is Order My Store
30 Then user clicks on pay by check button
31 When title of order summary page is My Store
32 Then user clicks on confirm button
33 When title of order confirmation page is Order confirmation My Store
34 Then user clicks on back button
35 When title of order history page is Order history My Store
36 Then user clicks on pdf button
37 Then Close the browser
38
39 Examples:
40 | username | password |
41 | is4102@ucsctest.com | test@123 |
```

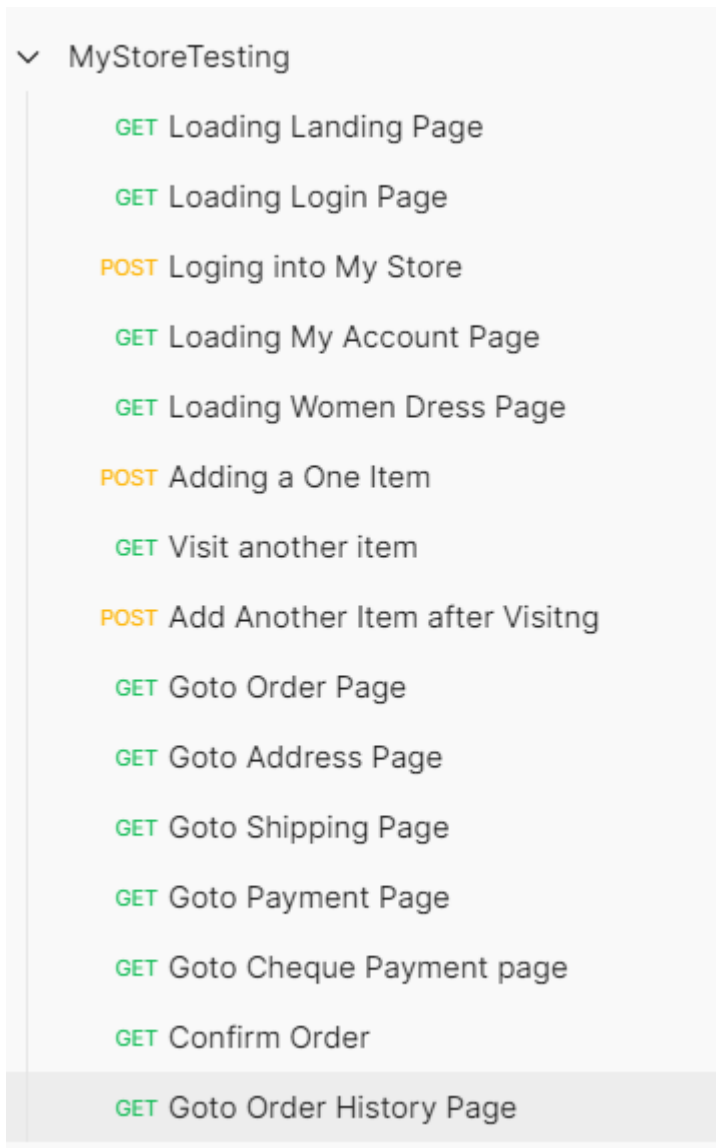

b. Step Definition file using cucumber Gherkin annotations

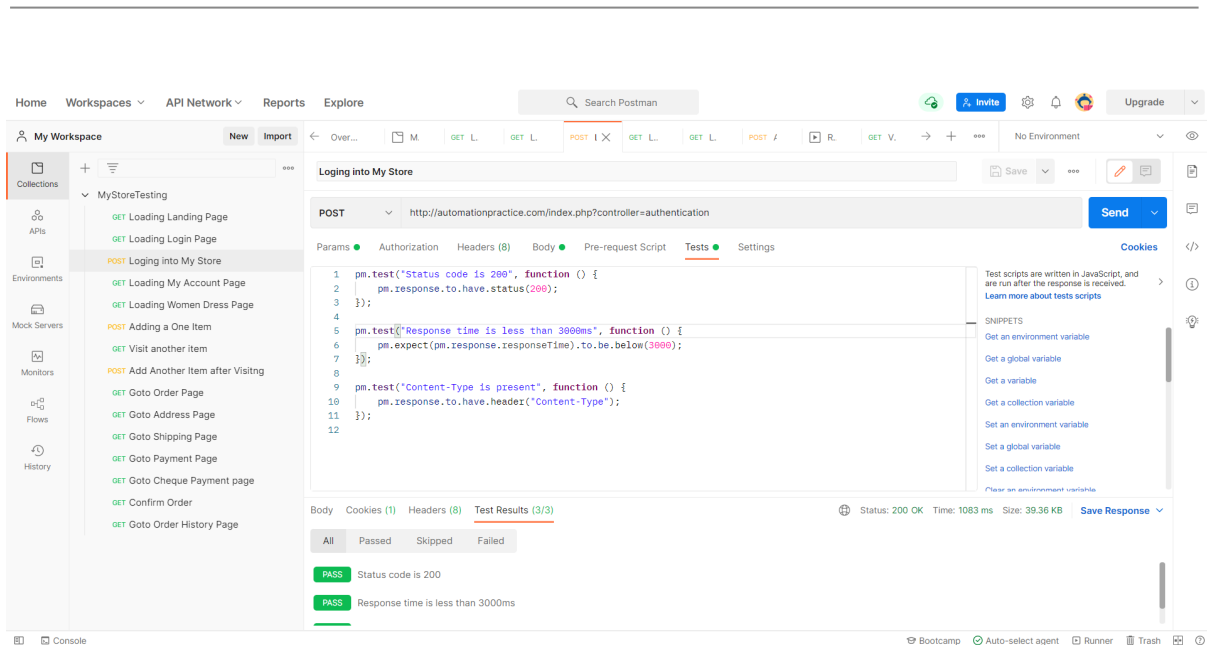
```
1 package stepDefinitions;
2
3
4 import org.junit.Assert;
14
15
16 public class AddTwoItemStepDefinition {
17     WebDriver driver;
18
19     @Given("^user is already on Landing Page$")
20     public void user_is_already_on_Landing_Page() {
21         System.setProperty("webdriver.chrome.driver", "F:\\SQA\\chromedriver.exe");
22         driver = new ChromeDriver();
23         driver.get("http://automationpractice.com/index.php?");
24     }
25
26     @When("^title of landing page is My Store$")
27     public void title_of_landing_page_is_My_Store() {
28         String title1 = driver.getTitle();
29         System.out.println(title1);
30         Assert.assertEquals("My Store", title1);
31     }
32
33     @Then("^user clicks on sign in button$")
34     public void user_clicks_on_sign_in_button() {
35         WebElement signinBtn =
36             driver.findElement(By.xpath("//*[id=\"header\"]/div[2]/div/div/nav/div[1]/a"));
37         JavascriptExecutor js = (JavascriptExecutor)driver;
38         js.executeScript("arguments[0].click();", signinBtn);
39     }
40
41     @When("^title of login page is My Store Login$")
42     public void title_of_login_page_is_My_Store_Login() {
43         String title2 = driver.getTitle();
44         System.out.println(title2);
45         Assert.assertEquals("Login - My Store", title2);
46     }
47
48     @Then("^user enters \"(.*)\" and \"(.*)\"$")
49     public void user_enters_username_and_password(String username, String password){
50         driver.findElement(By.name("email")).sendKeys(username);
51         driver.findElement(By.name("passwd")).sendKeys(password);
52     }
```

c. Test Runner class Cucumber

```
1 package Runner;
2
3 import org.junit.runner.RunWith;
4
5
6
7
8 @RunWith(Cucumber.class)
9 @CucumberOptions(
10     features = "D:\\WCSC\\4th Year\\1st Semester\\IS4102 Advanced Software Quality Assurance\\Assignment 2\\MyStoreTest\\src\\main\\java\\Features",
11     glue={"stepDefinitions"}, //the path of the step definition files
12     plugin= {"pretty", "html:test-outout", "json:json_output/cucumber.json", "junit:junit_xml/cucumber.xml"}, //to generate different types of reporting
13     monochrome = true, //display the console output in a proper readable format
14     strict = true, //it will check if any step is not defined in step definition file
15     dryRun = false //to check the mapping is proper between feature file and step def file
16     //tags = {"~@SmokeTest", "~@RegressionTest", "~@End2End"}
17 )
18
19 public class TestRunner {
20
21
22 }
23
```

09). Identify web services available for the above-identified test scenarios and test them using Postman

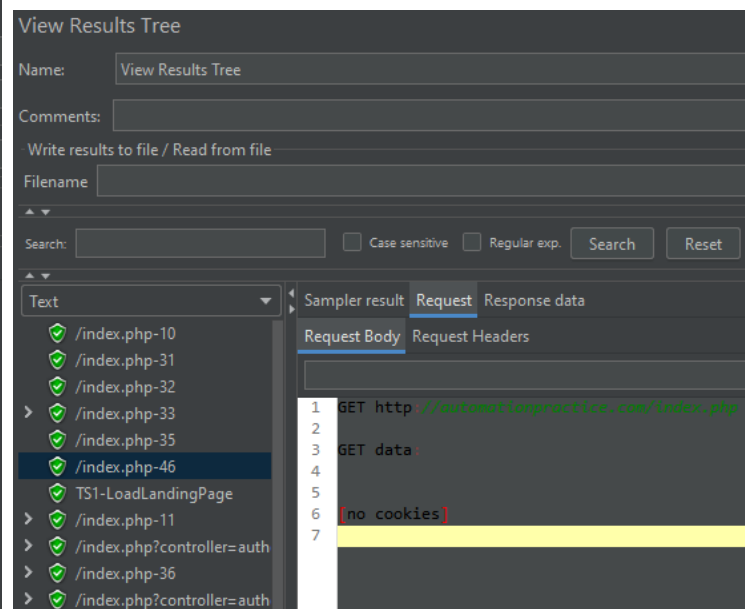
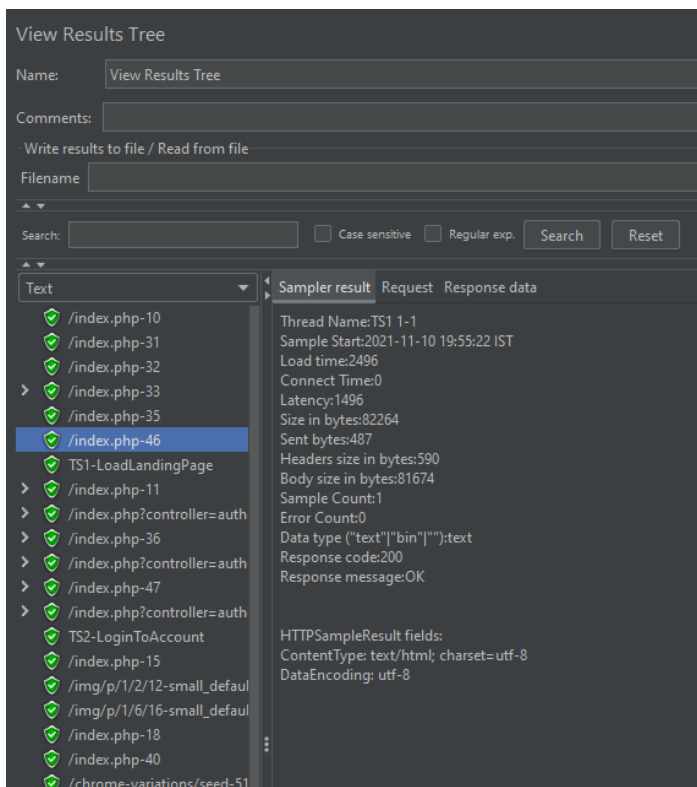




10). Develop performance test script using JMeter for above-identified test scenarios and measure response time

Some screenshots of Sampler Results and Request Bodies for the 13 steps are added. And the Test fragment of the View Results Tree and the Summary report is also provided.

TS1



TS2

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: ☐ Case sensitive ☐ Regular exp.

Text

- ✓ /index.php-10
- ✓ /index.php-31
- ✓ /index.php-32
- > ✓ /index.php-33
- ✓ /index.php-35
- ✓ /index.php-46
- ✓ TS1-LoadLandingPage
- > ✓ /index.php-11
- > ✓ /index.php?controller=auth
- > ✓ /index.php-36
- > ✓ /index.php?controller=auth
- ✓ /index.php?controller=a
- ✓ /index.php?controller=a
- ✓ /index.php?controller=a
- > ✓ /index.php-47
- > ✓ /index.php?controller=auth
- ✓ TS2-LoginToAccount

Sampler result Request Response data

Thread Name:TS1 1-1
Sample Start:2021-11-10 19:55:32 IST
Load time:569
Connect Time:0
Latency:569
Size in bytes:1370
Sent bytes:784
Headers size in bytes:1365
Body size in bytes:5
Sample Count:1
Error Count:0
Data type ("text"|"bin"|"");text
Response code:302
Response message:Moved Temporarily

HTTPSampleResult fields:
ContentType: text/html; charset=utf-8
DataEncoding: utf-8

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: ☐ Case sensitive ☐ Regular exp.

Text

- ✓ /index.php-10
- ✓ /index.php-31
- ✓ /index.php-32
- > ✓ /index.php-33
- ✓ /index.php-35
- ✓ TS1-LoadLandingPage
- > ✓ /index.php-11
- > ✓ /index.php?controller=auth
- > ✓ /index.php-36
- > ✓ /index.php?controller=auth
- ✓ /index.php?controller=a
- ✓ /index.php?controller=a

Sampler result Request Response data

Request Body Request Headers

```
1 POST http://automationpractice.com/index.php?controller=authentication
2
3 POST data:
4 email ucsc11140gmail.com passwd qwerty12 back my account SubmitLogin
5
6 (no cookies)
7
```

TS3

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: ☐ Case sensitive ☐ Regular exp.

Text

- > ✓ /index.php?controller=auth
- ✓ TS2-LoginToAccount
- ✓ /index.php-15
- ✓ /img/p/1/2/12-small_default
- ✓ /img/p/1/6/16-small_default
- ✓ /index.php-18
- ✓ /index.php-40
- ✓ /chrome-variations/seed-51
- ✓ /index.php-52
- ✓ TS3-GoToWomensSection
- > ✓ /index.php?rand=163655238
- > ✓ /index.php?rand=163655386
- ✓ /index.php-42
- ✓ /index.php-43
- > ✓ /index.php?rand=163655412
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20

Sampler result Request Response data

Thread Name:TS1 1-1
Sample Start:2021-11-10 19:55:44 IST
Load time:2142
Connect Time:0
Latency:1080
Size in bytes:99279
Sent bytes:567
Headers size in bytes:606
Body size in bytes:98673
Sample Count:1
Error Count:0
Data type ("text"|"bin"|"");text
Response code:200
Response message:OK

HTTPSampleResult fields:
ContentType: text/html; charset=utf-8
DataEncoding: utf-8

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: ☐ Case sensitive ☐ Regular exp.

Text

- > ✓ /index.php?controller=auth
- ✓ TS2-LoginToAccount
- ✓ /index.php-15
- ✓ /img/p/1/2/12-small_default
- ✓ /img/p/1/6/16-small_default
- ✓ /index.php-18
- ✓ /index.php-40
- ✓ /chrome-variations/seed-51
- ✓ /index.php-52
- ✓ TS3-GoToWomensSection

Sampler result Request Response data

Request Body Request Headers

```
1 GET http://automationpractice.com/index.php?id_category=3&controller=category
2
3 GET data:
4
5 (no cookies)
6
7
```

TS4

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: Case sensitive Regular exp. Search

Text

- ✓ /index.php?rand=16365538%
- ✓ /index.php-42
- ✓ /index.php-43
- ✓ /index.php?rand=16365541%
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20
- ✓ /index.php?rand=16365524%
- ✓ /index.php-44
- ✓ /index.php?rand=16365539%
- ✓ /index.php-54
- ✓ TS5-CustomizeAPrintedSum
- ✓ /index.php?rand=16365541%
- ✓ TS6-AddAPrintedSummerDr
- ✓ /index.php-22
- ✓ /index.php-56
- ✓ TS7-GoToCheckoutandView

Sampler result Request Response data

Thread Name: TS1 1-1
Sample Start: 2021-11-10 19:56:06 IST
Load time: 1963
Connect Time: 0
Latency: 1333
Size in bytes: 53202
Sent bytes: 577
Headers size in bytes: 642
Body size in bytes: 52560
Sample Count: 1
Error Count: 0
Data type ("text"|"bin"|""): text
Response code: 200
Response message: OK

HTTPSampleResult fields:
ContentType: text/html; charset=utf-8
DataEncoding: utf-8

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: Case sensitive Regular exp. Search Reset

Text

- ✓ /index.php?controller=auth
- ✓ TS2-LoginToAccount
- ✓ /index.php-15
- ✓ /img/p/1/2/12-small_default
- ✓ /img/p/1/6/16-small_default
- ✓ /index.php-18
- ✓ /index.php-40
- ✓ /chrome-variations/seed-51
- ✓ /index.php-52

Sampler result Request Response data

Request Body Request Headers

```
1 GET http://automationpractice.com/index.php?id_product=6&controller=product
2
3 GET data:
4
5
6 [no cookies]
7
```

Sampler result Request Response data

Request Body Request Headers

```
1 POST http://automationpractice.com/index.php?rand=1636552408949
2
3 POST data:
4 controller=cart&add=1&ajax=true&qty=1&id_product=6&token=6dcf6c21cad6948b458c9ddb64f5e2d3&ipa=40
5
6 [no cookies]
```

TS5

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: Case sensitive Regular exp. Search

Text

- ✓ /index.php?rand=16365538%
- ✓ /index.php-42
- ✓ /index.php-43
- ✓ /index.php?rand=16365541%
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20
- ✓ /index.php?rand=16365524%
- ✓ /index.php-44
- ✓ /index.php?rand=16365539%
- ✓ /index.php-54
- ✓ TS5-CustomizeAPrintedSum
- ✓ /index.php?rand=16365541%
- ✓ TS6-AddAPrintedSummerDr
- ✓ /index.php-22
- ✓ /index.php-56

Sampler result Request Response data

Thread Name: TS1 1-1
Sample Start: 2021-11-10 19:56:13 IST
Load time: 3098
Connect Time: 298
Latency: 913
Size in bytes: 82862
Sent bytes: 1308
Headers size in bytes: 1183
Body size in bytes: 81679
Sample Count: 1
Error Count: 0
Data type ("text"|"bin"|""): text
Response code: 200
Response message: OK

HTTPSampleResult fields:
ContentType: text/html; charset=utf-8

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: Case sensitive Regular exp. Search Reset

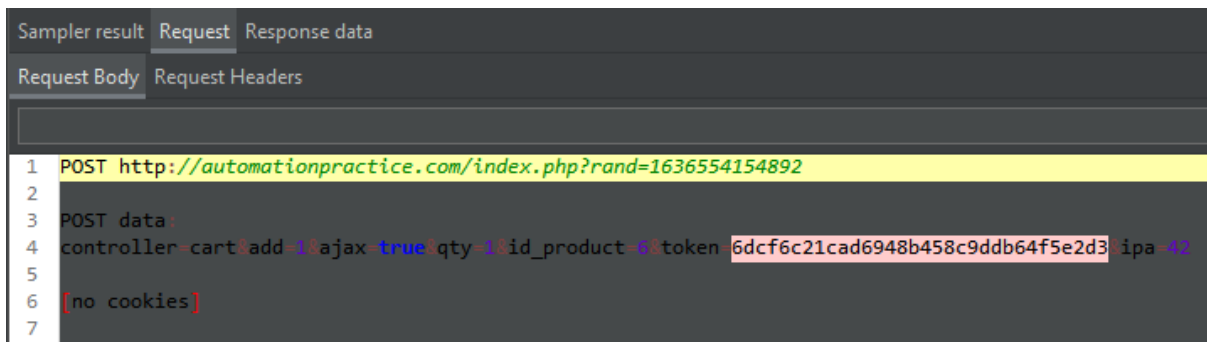
Text

- ✓ /index.php?rand=16365538%
- ✓ /index.php-42
- ✓ /index.php-43
- ✓ /index.php?rand=16365541%
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20
- ✓ /index.php?rand=16365524%
- ✓ /index.php-44
- ✓ /index.php?rand=16365539%
- ✓ /index.php-54
- ✓ TS5-CustomizeAPrintedSum
- ✓ /index.php?rand=16365541%

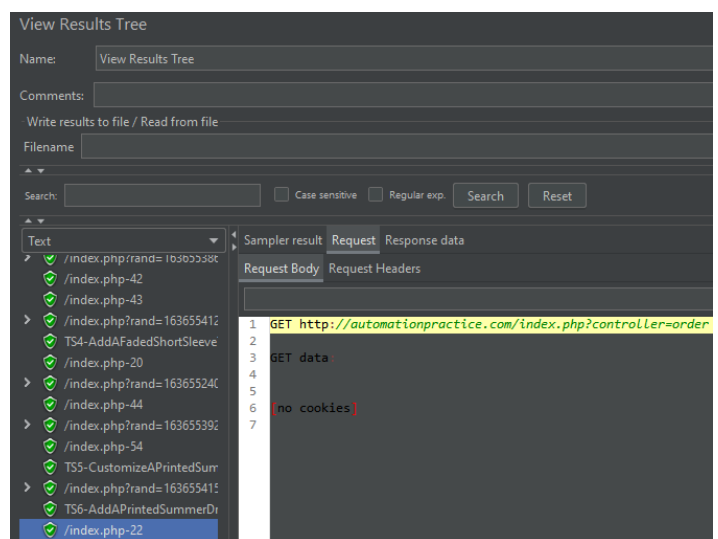
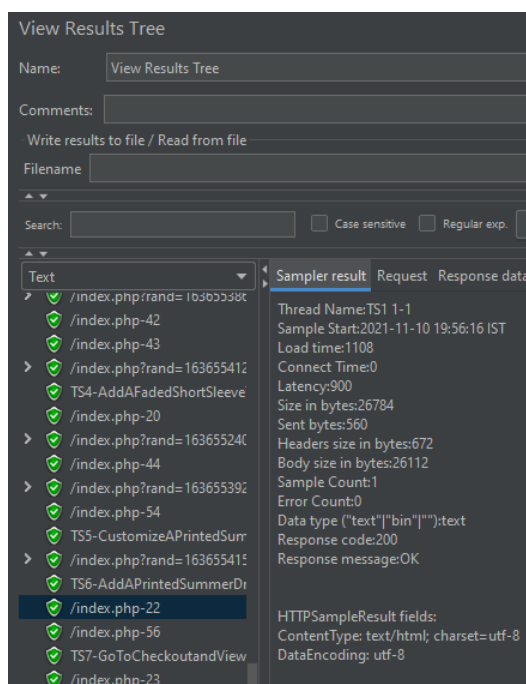
Sampler result Request Response data

Request Body Request Headers

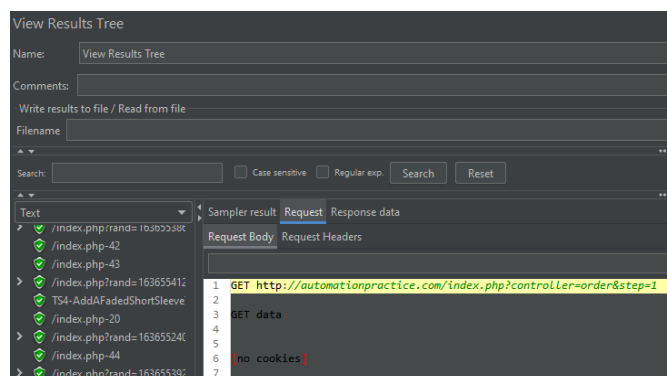
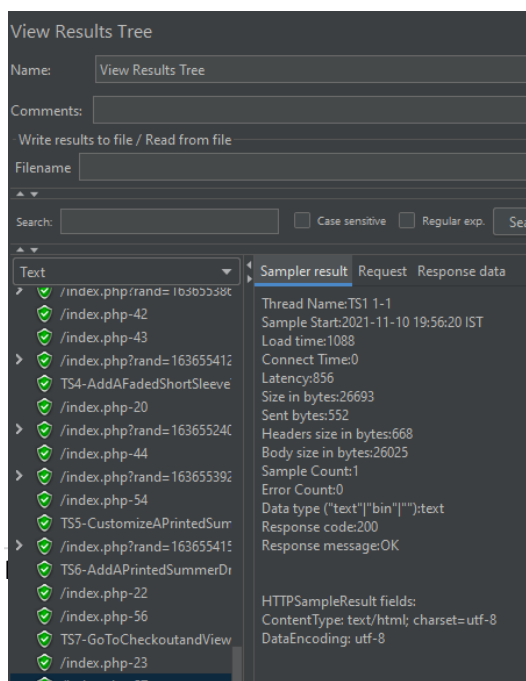
```
1 GET http://automationpractice.com/index.php
2
3 GET data:
4
5
6 [no cookies]
7
```



TS6



TS7



TS8

The screenshot shows the 'View Results Tree' window in a web browser. The left pane lists various test results, including 'Thread Name: TS1 1-1', 'Sample Start: 2021-11-10 19:56', 'Load time: 1207', 'Connect Time: 0', 'Latency: 999', 'Size in bytes: 26784', 'Sent bytes: 805', 'Headers size in bytes: 672', 'Body size in bytes: 26112', 'Sample Count: 1', 'Error Count: 0', 'Data type: ("text"/"bin"/""): text', 'Response code: 200', and 'Response message: OK'. The right pane shows the 'Request' tab for a specific test result, displaying the 'Request Body' and 'Request Headers'.

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: ☐ Case sensitive ☐ Reg

Text

- ✓ /index.php?rand=163655388
- ✓ /index.php-42
- ✓ /index.php-43
- ✓ /index.php?rand=163655412
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20
- ✓ /index.php?rand=163655240
- ✓ /index.php-44
- ✓ /index.php?rand=163655392
- ✓ /index.php-54
- ✓ TS5-CustomizeAPrintedSum
- ✓ /index.php?rand=163655411
- ✓ TS6-AddAPrintedSummerDr
- ✓ /index.php-22
- ✓ /index.php-56
- ✓ TS7-GoToCheckoutandView
- ✓ /index.php-23

Sampler result Request Res

Thread Name: TS1 1-1

Sample Start: 2021-11-10 19:56

Load time: 1207

Connect Time: 0

Latency: 999

Size in bytes: 26784

Sent bytes: 805

Headers size in bytes: 672

Body size in bytes: 26112

Sample Count: 1

Error Count: 0

Data type: ("text"/"bin"/""): text

Response code: 200

Response message: OK

HTTPSampleResult fields:

ContentType: text/html; charset=utf-8

DataEncoding: utf-8

Text

- ✓ /index.php?rand=163655388
- ✓ /index.php-42
- ✓ /index.php-43
- ✓ /index.php?rand=163655412
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20
- ✓ /index.php?rand=163655240
- ✓ /index.php-44
- ✓ /index.php?rand=163655392

Sampler result Request Response data

Request Body Request Headers

1 POST http://automationpractice.com/index.php?controller=order

2

3 POST data

4 id_address_delivery 163655412 same 1 message Leave the Parcel at the front door. Thank you. step 1 back 1 processAddress

5

6 no cookies

7

TS9

The screenshot shows the 'View Results Tree' window in a web browser. The left pane lists various test results, including 'Thread Name: TS1 1-1', 'Sample Start: 2021-11-10 19:56', 'Load time: 1207', 'Connect Time: 0', 'Latency: 999', 'Size in bytes: 26784', 'Sent bytes: 805', 'Headers size in bytes: 672', 'Body size in bytes: 26112', 'Sample Count: 1', 'Error Count: 0', 'Data type: ("text"/"bin"/""): text', 'Response code: 200', and 'Response message: OK'. The right pane shows the 'Request' tab for a specific test result, displaying the 'Request Body' and 'Request Headers'.

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename

Search: ☐ Case sensitive ☐ Regular exp.

Text

- ✓ /index.php?rand=163655388
- ✓ /index.php-42
- ✓ /index.php-43
- ✓ /index.php?rand=163655412
- ✓ TS4-AddAFadedShortSleeve
- ✓ /index.php-20
- ✓ /index.php?rand=163655240
- ✓ /index.php-44
- ✓ /index.php?rand=163655392

Sampler result Request Response data

Request Body Request Headers

1 POST http://automationpractice.com/index.php?controller=order&multi-shipping=

2

3 POST data

4 delivery_option 58598940 163655412 1 20 cgv 1 step 1 back 1 processCarrier

5

6 no cookies

7

TS10

Sampler result	Request	Response data
	Request Body	Request Headers
1	POST http://automationpractice.com/index.php?fc=module&module=cheque&controller=validation	
2		
3	POST data:	
4	currency_payment:1	
5		
6	[no cookies]	
7		

TS11

Sampler result	Request	Response data
	Request Body	Request Headers
1	GET http://automationpractice.com/index.php?controller=authentication&back=history	
2		
3	GET data:	
4		
5		
6	[no cookies]	
7		

TS12

Sampler result	Request	Response data
	Request Body	Request Headers
1	GET http://automationpractice.com/index.php?controller=pdf-invoice&id_order=376323	
2		
3	GET data:	
4		
5		
6	[no cookies]	
7		

TS13

Sampler result	Request	Response data
	Request Body	Request Headers
1	GET http://automationpractice.com/index.php?controller=authentication&back=pdf-invoice	
2		
3	GET data:	
4		
5		
6	[no cookies]	
7		

Summary Report

View Results Tree.jmx (C:\Users\ASUS\Downloads\apache-jmeter-5.4.1\apache-jmeter-5.4.1\bin\view Results Tree.jmx) - Apache JMeter (5.4.1)

File Edit Search Run Options Tools Help

Test Plan

T01-LoadLandingPage

T02-LoginToAccount

T03-GoToWomensSection

T04-AddAFadedShortSleeveT-shirtToCart

T05-CustomizeAPrintedSummerDressToCart

T06-AddAPrintedSummerDressToCart

T07-GoToCheckoutandViewCart

T08-GoToAddressPage

T09-GoToShippingPage

T10-GoToPaymentPage

T11-OrderConfirmation

T12-ViewConfirmedOrdersOrdersHistory

T13-DownloadInvoice

HTTP(S) Test Script Recorder

New Results Tree

Summary Report

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename

Browser Log/Display Only Errors Successes Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
/index.php-10	1	2520	2520	2520	0.00	0.00%	23.8/min	31.89	0.18	82283.0
/index.php-31	1	1835	1835	1835	0.00	0.00%	32.7/min	43.78	0.26	82262.0
/index.php-32	1	2016	2016	2016	0.00	0.00%	29.8/min	39.85	0.24	82258.0
/index.php-33	1	2190	2190	2190	0.00	0.00%	27.4/min	36.92	0.46	82796.0
/index.php-35	1	2041	2041	2041	0.00	0.00%	29.4/min	39.36	0.26	82290.0
/index.php-46	1	2496	2496	2496	0.00	0.00%	24.0/min	32.19	0.19	82264.0
T01-LoadLandingPage	1	13098	13098	13098	0.00	0.00%	4.6/min	36.81	0.26	484113.0
/index.php-11	1	1956	1956	1956	0.00	0.00%	30.7/min	18.00	0.54	36053.0
/index.php/controlle...	1	2304	2304	2304	0.00	0.00%	26.0/min	15.87	0.82	37447.0
/index.php-36	1	2643	2643	2643	0.00	0.00%	22.7/min	13.32	0.40	36057.0
/index.php/controlle...	1	2125	2125	2125	0.00	0.00%	28.2/min	17.20	1.00	37423.0
/index.php-47	1	2107	2107	2107	0.00	0.00%	28.5/min	16.71	0.50	36063.0
/index.php/controlle...	1	2200	2200	2200	0.00	0.00%	25.9/min	15.76	0.62	37446.0
T02-LoginToAccount	1	13455	13455	13455	0.00	0.00%	4.5/min	16.00	0.71	220486.0
/index.php-15	1	2677	2677	2677	0.00	0.00%	22.4/min	36.22	0.21	99293.0
/img/pt/1/2/12-smal...	1	211	211	211	0.00	0.00%	4.7/sec	11.11	0.25	2400.0
/img/pt/1/6/16-smal...	1	211	211	211	0.00	0.00%	4.7/sec	10.46	2.15	2280.0
/index.php-18	1	2351	2351	2351	0.00	0.00%	25.5/min	41.24	0.24	92026.0
/index.php-40	1	2142	2142	2142	0.00	0.00%	28.0/min	45.26	0.26	96270.0
/chrome-variables/...	1	529	529	529	0.00	0.00%	1.9/sec	36.22	0.59	30454.0
/index.php-52	1	3275	3275	3275	0.00	0.00%	18.3/min	26.60	0.17	99273.0
T03-GoToWomensSe...	1	11396	11396	11396	0.00	0.00%	5.3/min	17.02	0.30	432240.0
/index.php/trands-1...	1	2206	2206	2206	0.00	0.00%	26.2/min	35.28	0.36	82831.0
/index.php/trands-16...	1	3017	3017	3017	0.00	0.00%	19.9/min	26.81	0.42	82819.0
/index.php-42	1	925	925	925	0.00	0.00%	1.1/sec	28.27	0.59	26782.0
/index.php-43	1	2494	2494	2494	0.00	0.00%	24.1/min	38.87	0.22	99077.0
/index.php/trands-16...	1	2116	2116	2116	0.00	0.00%	28.4/min	38.22	0.60	82826.0
T04-AddAFadedSho...	1	18838	18838	18838	0.00	0.00%	5.5/min	33.72	0.45	374358.0
/index.php-20	1	1442	1442	1442	0.00	0.00%	41.6/min	36.03	0.39	53196.0
/index.php/trands-16...	1	3870	3870	3870	0.00	0.00%	15.5/min	20.90	0.33	82823.0
/index.php-44	1	1963	1963	1963	0.00	0.00%	30.6/min	26.47	0.29	53020.0
/index.php/trands-16...	1	3152	3152	3152	0.00	0.00%	10.0/min	26.66	0.41	82815.0
/index.php-54	1	1745	1745	1745	0.00	0.00%	34.4/min	29.77	0.32	53194.0
T05-CustomizeAPin...	1	12172	12172	12172	0.00	0.00%	4.9/min	26.08	0.35	325228.0
/index.php/trands-16...	1	3098	3098	3098	0.00	0.00%	19.4/min	26.12	0.41	82862.0
T06-AddAPrintedSu...	1	3098	3098	3098	0.00	0.00%	19.4/min	26.10	0.41	82862.0
/index.php-23	1	1108	1108	1108	0.00	0.00%	54.2/min	31.61	0.49	26784.0
/index.php-56	1	821	821	821	0.00	0.00%	1.2/sec	31.86	0.67	26782.0
...

☐ Include group name in label? ☒ Save Table Header

View Results Tree.jmx (C:\Users\ASUS\Downloads\apache-jmeter-5.4.1\apache-jmeter-5.4.1\bin\view Results Tree.jmx) - Apache JMeter (5.4.1)

File Edit Search Run Options Tools Help

Test Plan

T01-LoadLandingPage

T02-LoginToAccount

T03-GoToWomensSection

T04-AddAFadedShortSleeveT-shirtToCart

T05-CustomizeAPrintedSummerDressToCart

T06-AddAPrintedSummerDressToCart

T07-GoToCheckoutandViewCart

T08-GoToAddressPage

T09-GoToShippingPage

T10-GoToPaymentPage

T11-OrderConfirmation

T12-ViewConfirmedOrdersOrdersHistory

T13-DownloadInvoice

HTTP(S) Test Script Recorder

New Results Tree

Summary Report

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename

Browser Log/Display Only Errors Successes Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
/index.php/trands-16...	1	2386	2386	2386	0.00	0.00%	26.2/min	35.38	0.56	82871.0
/index.php/trands-16...	1	3017	3017	3017	0.00	0.00%	19.9/min	26.81	0.42	82819.0
/index.php-42	1	925	925	925	0.00	0.00%	1.1/sec	28.27	0.59	26782.0
/index.php-43	1	2494	2494	2494	0.00	0.00%	24.1/min	38.87	0.22	99077.0
/index.php/trands-16...	1	2116	2116	2116	0.00	0.00%	28.4/min	38.22	0.60	82826.0
T04-AddAFadedSho...	1	18838	18838	18838	0.00	0.00%	5.5/min	33.72	0.45	374358.0
/index.php-20	1	1442	1442	1442	0.00	0.00%	41.6/min	36.03	0.39	53196.0
/index.php/trands-16...	1	3870	3870	3870	0.00	0.00%	15.5/min	20.90	0.33	82823.0
/index.php-44	1	1963	1963	1963	0.00	0.00%	30.6/min	26.47	0.29	53020.0
/index.php/trands-16...	1	3152	3152	3152	0.00	0.00%	10.0/min	26.66	0.41	82815.0
/index.php-54	1	1745	1745	1745	0.00	0.00%	34.4/min	29.77	0.32	53194.0
T05-CustomizeAPin...	1	12172	12172	12172	0.00	0.00%	4.9/min	26.08	0.35	325228.0
/index.php/trands-16...	1	3098	3098	3098	0.00	0.00%	19.4/min	26.12	0.41	82862.0
T06-AddAPrintedSu...	1	3098	3098	3098	0.00	0.00%	19.4/min	26.10	0.41	82862.0
/index.php-23	1	1108	1108	1108	0.00	0.00%	54.2/min	31.61	0.49	26784.0
/index.php-56	1	821	821	821	0.00	0.00%	1.2/sec	31.86	0.67	26782.0
T07-GoToCheckouta...	1	1929	1929	1929	0.00	0.00%	31.1/min	27.08	0.57	53566.0
/index.php-23	1	2087	2087	2087	0.00	0.00%	29.0/min	12.62	0.26	26783.0
/index.php-57	1	1888	1888	1888	0.00	0.00%	35.1/min	23.96	0.50	26693.0
T08-GoToAddressPa...	1	3155	3155	3155	0.00	0.00%	10.0/min	16.52	0.34	53196.0
/index.php/controlle...	1	1544	1544	1544	0.00	0.00%	38.9/min	16.94	0.48	26782.0
/index.php/controlle...	1	1207	1207	1207	0.00	0.00%	49.7/min	21.67	0.65	26784.0
T09-GoToShippingPa...	1	2751	2751	2751	0.00	0.00%	21.8/min	18.99	0.55	53566.0
/index.php/controlle...	1	1266	1266	1266	0.00	0.00%	47.4/min	20.52	0.59	26804.0
/index.php-26	1	1639	1639	1639	0.00	0.00%	36.6/min	15.96	0.35	26779.0
/index.php/controlle...	1	1047	1047	1047	0.00	0.00%	57.3/min	24.81	0.71	26598.0
/index.php-60	1	1417	1417	1417	0.00	0.00%	42.3/min	18.46	0.40	26779.0
T10-GoToPaymentP...	1	5269	5269	5269	0.00	0.00%	11.7/min	13.40	0.49	105760.0
/index.php/ffcmod...	1	2160	2160	2160	0.00	0.00%	27.6/min	13.32	0.65	27253.0
/index.php/ffcmod...	1	1529	1529	1529	0.00	0.00%	39.2/min	17.41	0.92	27263.0
T011-OrderConfirma...	1	3689	3689	3689	0.00	0.00%	16.3/min	14.43	0.77	54510.0
/index.php-29	1	1898	1898	1898	0.00	0.00%	31.8/min	18.55	0.67	36054.0
/index.php-63	1	1748	1748	1748	0.00	0.00%	24.3/min	20.14	0.73	36044.0
T012-ViewConfirmed...	1	3646	3646	3646	0.00	0.00%	18.4/min	19.30	0.70	72098.0
/index.php-30	1	1886	1886	1886	0.00	0.00%	31.8/min	18.68	0.59	36084.0
/index.php-64	1	1694	1694	1694	0.00	0.00%	35.4/min	20.80	0.66	36098.0
T013-DownloadInv...	1	3580	3580	3580	0.00	0.00%	16.7/min	16.67	0.62	72170.0
TOTAL	38	2989	211	13455	297.91	0.00%	40.1/min	33.62	0.93	87205.1

☐ Include group name in label? ☒ Save Table Header
