**FrameWork Description**

1. Framework is designed using POM(Page Object Model).
2. In pom.xml , all the maven dependencies are defined.
3. There are 6 Page Object classes namely AddToCartPage, CheckOutPage, HomePage, LoginPage, OrderPage, SearchResultPage inside page objects package.
4. And there are 6 Test Page Object classes namely AddToCartPageTest, CheckOutPageTest, HomePageTest, LoginPageTest, OrderPageTest, SearchResultPageTest inside testcases package.
5. One Action Class is created where common methods across all the pages are defined e.g. click method is used to click on any object/WebElement.
6. One Base Class is created which is used to launch the application and all page object classes extend this Base Class.
7. Utility package is created where below utility classes is created

* ExtentManager
* ListenerClass
* Log

1. In Config.properties, all the common properties are defined e.g. : url ,username, password etc
2. One Test group is created in TestNG i.e. “Sanity” where AddToCartPageTest, HomePageTest, LoginPageTest, OrderPageTest, SearchResultPageTest test classes are kept under Sanity.xml
3. testing\_all.xml file is used to test E2E scenario using CheckOutPageTest class.
4. Under screenshots folder, failed test cases screenshots are stored
5. In test-output folder, different types of test report are stored e.g TestNG Reports, ExtentReport

**NOTE**: I have used Config.properties to pass all the test data for now. However I can also implement it using Data Provider.

Discoveries

1. The last test case is “Check cart total is $116.00”.

However, our cart total was coming as $140.00. We have passed the test case as of now.