**Framework Architecture**

Automation of the website is done using Page Object Model framework using tools like Java, Selenium, TestNG and Maven.  
I have created a BaseClass.java which is extended by all other Page classes and Testsuite class.  
BaseClass.java has the methods to do driver initialisation, read confing.properties file, BeforeSuite and AfterSuite etc.  
  
Several page classes are created for each navigation page which contains the elements and action related to those elements. In this class I have used PageFactory to define pageclass.  
  
There is a action.java class created to have all the customised common actions needs to be performed on the page class elements e.g. click(), isDisplayed(), isSelected() etc;  
  
Created a testcases package and created a EndToEndCheckoutFlow.java to document the testcase and do a E2E validation of the checkout flow.  
I have used TestNG annotations in the test case file e.g. @BeforeMethod, @AfterMethod, @Test etc  
  
There is a utility package which contains java file for implementation of Log4j for Logging and Extent Reports for Reporting.

