Hi All,

Please find attached excel sheet containing the assignments for Selenium.

Below is the distribution of assignments

 General Guidelines to complete the assignments

1. Use TestNG annotations – BeforeTest, AfterTest, BeforeClass, AfterClass methods to setup the application (launching on selected browser taken from excel sheet , login, close, clear browser cache, take screenshot if test case failed, etc)
2. Use of Excel files for storing test data (No test data would be hard coded – eg: login id, password, product name, etc)
3. Assignment should showcase reusability of code (create common functions like select browser type, login, search product, add to cart, etc) and use in the test method
4. User should be able to select browser type from excel sheet (Edge, IE, Chrome, Firefox)
5. Page Factory (Page object model advanced) should be implemented – for eg: loginpage.java should have all UI objects of login page and functions like setUsername(), clickLogin()
6. All method/function names should be meaningful and should start with small character for eg: setUsername()
7. All UI Object names and variable names should start with small character for eg: btnLogin, txtUsername, varCountOfProducts – where the starting letters indicate the type of object
8. Test output/result should be in HTML format (Try TestNG html report and also Extent Report plugin)
9. Thread.sleep() statement should not be used. Instead use explicit wait like waitForControlReady, waitForElementVisible, and custom wait like waitForPageLoaded