Software Requirements: -

1. JDK 1.7 or above
2. Eclipse for Java Developer
3. Selenium WebDriver Jars
4. Apache POI Jars
5. Access to application (Internet link): https://demo.opencart.com/
6. chromedriver.exe / IEDriverServer.exe /geckodriver.exe
7. Install TestNG plugin in Eclipse from I Marketplace (Need to set proxy in eclipse before you install any plugin from Wipro Network. To set proxy go to Eclipse -> Windows -> preferences -> proxy -> Select Manual and set proxy for HTTP & HTPPS)
   - Proxy: pdc-proxy.wipro.com (or proxy for your location) -   Port: 8080
   - AD ID: Wipro AD ID @wipro.com
   - Password: your myWipro password

Note:

Software installation required admin access / you can raise software installation request from MyWipro- > my request -> Software Request (WASP)

To Edit system environment variable please use Software Center application available in your desktop. -> Go to start menu of your Wipro PC/Laptop ->search for Software Center -> Search for Admin -> Launch app and edit environment variables
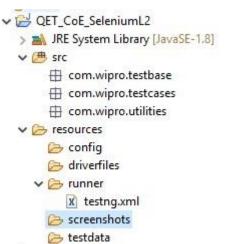
Prerequisite :

Employee should have basic knowledge of Core Java and Selenium.

PD's : 5 Days

No of questions : 5

Instructions:

   - Please follow below project folder structure.

- com.wipro.base - Create base class in this package to initialize all objects here and use @BeforeSuite and @AfterSuite annotations.
- com.wipro.testcase – place all you testcases in this package and all test cases will extends the Testbase class.
- com.wipro.utilities – Place all you common utility classes here
- config – place configuration file here eg. Config.properties
- driverfiles - place chromedriver.exe, IEDriverDerver.exe here
- runner – create testng.xml to run your test suite
- screenshots – place all screenshots here
- testdata – place test data here like registration.xslx **TC01: Registration**

Step No	Description	Expected result	Remark
1	open url https://demo.opencart.com/	Opencart portal should display	URL should be configured in config.properties file
2	Click on My Account and then register	Registration form should get displayed	
3	Fill all the mandatory fields from Excel sheet	User should able to full details	Take registration data from Registration.xlsx and use TestNG @DataProvider annotation to make script data driven
4	Verify privacy policy checkbox is checked or not		Write the status of checkbox in text file. Like checkbox is checked/ checkbox is unchecked.
5	Check the privacy checkbox and click on continue	Congratulations! Your new account has been successfully created! Message should get displayed	Get success message and save in text file and capture the screenshot and store in screenshot folder.
6	Click on My Account		
7	Click on Logout	Use should able to logout from account	Get successfully logged out message and save in text file

TC02: Login and Edit Account information

Step No	Description	Expected result	Remark
1	open url https://demo.opencart.com/	Opencart portal should display	URL should be configured in config.properties file

2	Click on My Account and then click on login	Login page should get displayed	
3	Enter email and password from Excel sheet	User should able to full details	Take login data from login.xlsx and use TestNG @DataProvider annotation to make script data driven
4	Click on Login button	User should able to successfully login to opencart account.	Capture screenshot and store in screenshot folder.
5	Click on Edit account link	Edit account page should get displayed	
6	Enter new Telephone number	User should able to type new telephone number	
7	Click on continue button	User should get the success message li " Success: Your account has been successfully updated. "	Take screenshot of the particular message and save in screenshot folder.
8	Click on My Account		
9	Click on Logout	Use should able to logout from account	Get successfully logged out message and save in text file

TC03: Add product to cart and make payment

Step No	Description	Expected result	Remark
1	open url https://demo.opencart.com/	Opencart portal should display	URL should be configured in config.properties file
2	Click on My Account and then click on login	Login page should get displayed	
3	Enter email and password from Excel sheet	User should able to full details	Take login data from login.xlsx and use TestNG @DataProvider annotation to make script data driven
4	Click on Login button	User should able to successfully	Capture screenshot and

			login to opencart account.	store in screenshot folder.
5	Click on components menu and select Monitors	User should able to see Monitors product	Take screenshot of page and store in screenshot folder
6	Fetch Apple Cinema 30" name and its prize and store in text file.		Please create Prize.txt file under resources folder -> output_data folder
7	Click on add to cart button displayed under Apple Cinema 30"	Details of Apple Cinema 30" should be displayed	
8	Fill the product Available options like, radio, checkbox, Text , Select color, In text area add note, upload a sample img file, date, time and quantity		Take all the details from excel sheet and use TestNG @DataProvider annotation
9	Click on add to cart button	Success message should get displayed	Save the screenshot of success message
10	Click on Shopping Cart link available on the top right of page	Shopping cart page should get displayed	Save the Product Name and Total prize in prize.txt file
11	Click on Estimate Shipping & Taxes		
12	Select Country, State and fill Post Code	User should able to fill data	Take the details from Excel sheet
13	Click on Get Quotes button	Popup should get displayed	Create check point to verify checkbox is available and not checked
14	Check the radio button and click on Apply Shipping button		Create checkpoint to verify success message is displayed.
15	Click on checkout	Checkout page should get displayed	
16	Fill the Billing details and click on continue button	Delivery details page should get displayed	Take all details from excel sheet and use TestNG

			@DataProvider annotation
17	Click on continue and again continue		
18	Check the Terms and Condition checkbox and click on Continue button	User should able to check the checkbox	
19	Write the product Name and all other details in Excel sheet		Fetch all the 5 rows and 5 column's and save in Excel sheet
20	Click on Confirm order button (If you get mailserver error please click on ok button)	Order should get placed successfully	Checkpoint to very success message is displayed
21	Click on My Account		
22	Click on Logout	Use should able to logout from account	Get successfully logged out message and save in text file

TC04: Validate menus and count links

Step No	Description	Expected result	Remark
1	open url https://demo.opencart.com/	Opencart portal should display	URL should be configured in config.properties file
2	Click on My Account and then click on login	Login page should get displayed	
3	Enter email and password from Excel sheet	User should able to full details	Take login data from login.xlsx and use TestNG @DataProvider annotation to make script data driven
4	Click on Login button	User should able to successfully login to opencart account.	Capture screenshot and store in screenshot folder.
5	Count the number of menu links available and print the Count of menu links in text file		Print the menu link name and count in text file
6	Click on Each menu link 1 by 1 (for Ex. Desktops, Laptops & Notebooks,		After you click on each menu screenshot

	Components Tables, Software, Phones & PDA's , Cameras and Mp3 Players)		should be taken for all the menu's
7	Click on My Account		
8	Click on Logout	Use should able to logout from account	Get successfully logged out message and save in text file

TC05: Navigate through Brands

Step No	Description	Expected result	Remark
1	open url https://demo.opencart.com/	Opencart portal should display	URL should be configured in config.properties file
2	Click on My Account and then click on login	Login page should get displayed	
3	Enter email and password from Excel sheet	User should able to full details	Take login data from login.xlsx and use TestNG @DataProvider annotation to make script data driven
4	Click on Login button	User should able to successfully login to opencart account.	Capture screenshot and store in screenshot folder.
5	Click on Your Store link available on top left corner	Home page should get displayed	
6	Click on Brands link available on bottom navbar under Extras	**Find your favourite Brand** page should get displayed	
7	Click on all Brands links one by one (For ex. Apple , Canon , HTC link)		Take screenshot once you click on brands links and store screenshot in screenshots folder
7	Click on My Account		
8	Click on Logout	Use should able to logout from account	Get successfully logged out message and save in text file