* **Project and Framework --:**

**Hybrid-Framework:**

We have implemented hybrid framework in our project.

Which is a combination of **POM driven framework, testNG Framework and Data driven Framework.**

1. In POM driven framework, we have created POM classes for all the pages of our application under test.
2. In our application, we have total 10 pages, for that we have created 10 pom classes in a single package called page object model.
3. In each pom class, we declared the elements present on that particular page using **@FindBy** annotation.
4. Once elements are declared, we initialize them by using **PageFactory.inintElements()** method.
5. Once elements are declared and initialized, then we utilize all the elements by creating **setter methods**.

This is what we have done inside a pom class.

1. We managed our test scripts in testNg framework.
2. Main features for testNg are test cases can be grouped easily
3. In that we can set priorities
4. Parallel execution of test cases is possible
5. Test cases can be executed on multiple browsers.
6. Assert class is used for verification in testNg framework.
7. Executing the same scripts with multiple set of data is called data parameterization.
8. We **used Excel file** to get data from external source and utilized it in the scripts.
9. **Using apache poi related jar**, we implemented this data driven technique to achieve data parameterization in our framework.

So, this is a framework that we have implemented.

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**Project:**

I worked on IWEB project.

IWEB works with various clients in different industries

1. So, it is an e-commerce B2C Application.
2. This project has total 4 Modules.
3. I worked on Admin module.
4. This module had 3 important functionalities, which were Register account functionality, Login functionality and Logout functionality.
5. I was involved in writing test cases.
6. First we selected maximum scenarios for automation.
7. Our team lead developed automation framework with the help of our team members
8. Then using selenium webdriver with java conducting automation testing
9. At the time of execution we found bugs.
10. For raising that we used JIRA tool
11. After bug fixing we performed retesting as usual.