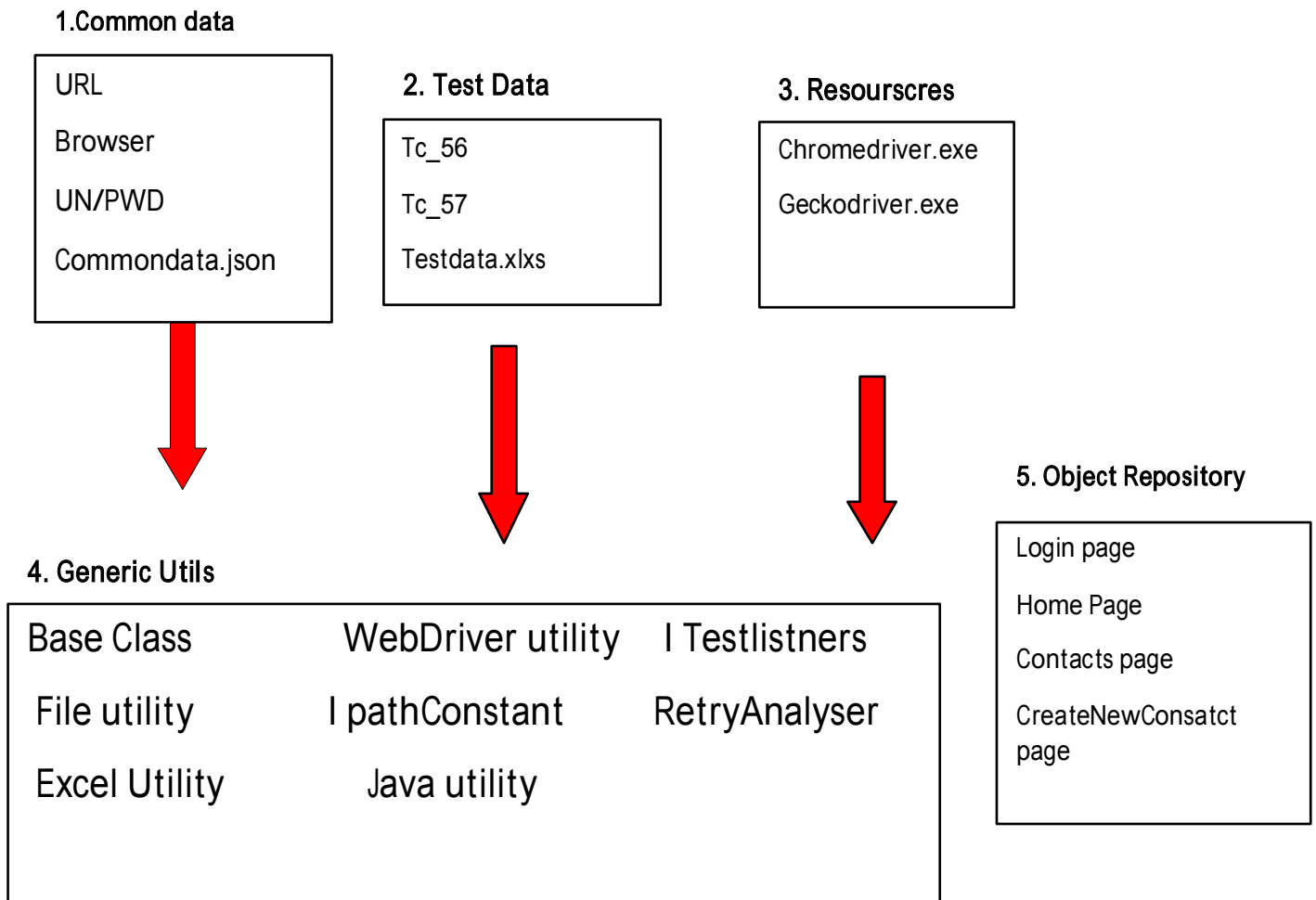


# Framework Structure

## 1.Frist Stage(Devlopment)



- Common Data:-

We will be storing common data like url, Username & password in property file. These are the data which will be used multiple time in test cases.

- Test Data:

These data will be used to check the functionality of various modules be valid or invalid.

- Generic Utils:-

Generic Utils is a component of FrameWork in the form of package. It is created inside of src/main/java. Here we store Base

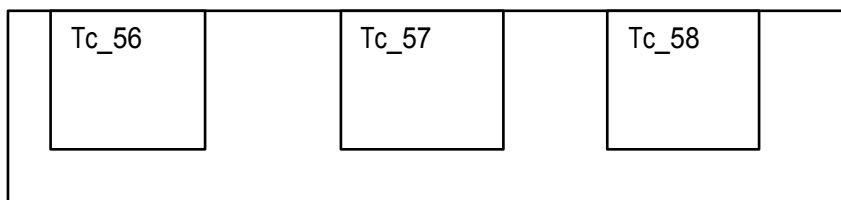
Class, Excel Utility, WebDriver Utility, JavaUtility and other classes whose code can be reused later.

- Object Repository/POM:-

It is one of the Java Design Pattern which is used to store the objects or elements. We store them inside a separate package in src/main/java folder. We use @FindBy for storing the locators to avoid Stale Element Reference Exception and PageFactory.initElements to initialize the elements.

## 2.Second Stage(Implementation):-

### 6. Test Script



### 7. Driver.xml

```
<suite>
<test>
<classes>
```

- Test Script:-

In Test Script component we store all the Test Script which is to be executed. This is store inside a separate package which has project and module name. these testscript is with @test annotation.

- TestNG.xml:-

TestNG.xml file contains all the Test Configuration and this xml file can be used to run and organize our test. It is used to perform batch execution, group execution, parallel execution and Cross Browser testing. To achieve our test script in testing.xml for format we have to convert our testscripts to testNG.file.

### 3.Third Stage(Execution):-

#### 8. Reports

Passed Failed reports

#### 9. Screenshot

Screenshot.jpg

#### 10. Build management tools

Pom.xml

<dependencies>

<dependency>

Selenium

Webdriver Manager

Testing

My Sql

<dependencies>

#### 11. Jenkins

- Report:-

After executing the TestNG xml suite we get Status of the execution if our TestScripts are Passed, Failed or Skipped.

- Build Management Tool:-

This is in POM.xml format here we add all the dependencies and plugins from Maven Repository.