**Regression Data (xlsx file)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TestId** | **TestCase** | **Run** | **Status** | **TestReport** |
| 1 | User Login Test | **Yes** |  |  |
| 2 | Check Product | **No** |  |  |

**Test Data (xlsx file)**

***Keyword (sheet)***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TestId** | **TestCase** | **keyword1** | **keyword2** | **keyword3** | **keyword4** |
| 1 | User Login Test | setUp | **LoginTest** | LogoutTest | tearDown |
| 2 | Check Product | setUp | LoginTest | LogoutTest | tearDown |

***LoginTest (sheet)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TestId** | **TestCase** | **username** | **password** | **output** |
| 1 | User Login Test | standard\_user | secret\_sauce |  |
| 1 | User Login Test | locked\_out\_user | secret\_sauce |  |
| 1 | User Login Test | problem\_user | secret\_sauce |  |

**Flow**

**public class BaseTest** {

@BeforeTest

public void setUpReport(){

// create report

// do all required things first

}

public static void setUp(){

// open the driver

}

public static void tearDown(){

// close the driver

}

@AfterTest

public void exportReport(){

// flush the report

}

}

**public class TestController extends BaseTest**{

@Test

public void test(){

// read the regression data

// **[{TestId=1, TestCase=User Login Test, Run=Yes}, {TestId=2, TestCase=Check Product, Run=No}]**

// read the testdata

// **[{TestId=1, TestCase=User Login Test, keyword1=setUp, keyword2=LoginTest, keyword3=LogoutTest, keyword4=tearDown}, {TestId=2, TestCase=Check Product, keyword1=setUp, keyword2=LoginTest, keyword3=LogoutTest, keyword4=tearDown}]**

// run a loop on testdata and do operation which testcase’s run->yes in regression data.

}

}

**public class Login extends BaseTest**{

public static void LoginTest(){

//read the login data-> usernames and passwords

//run a loop on login data

}

public static void LogoutTest(){

// do logout operation

}

}