**Features Of TestNG**

* **Different Types of Assertions**  
  It has an Assert class that provides multiple methods supporting different types of assertions. For instance, these assertions help in checking equality of expected and actual resul, Asserting a condition as True or False, Asserting if a value is Null or not null, etc.
* **Run tests in Parallel**  
  Using its testNG.xml file, we can run test cases in parallel. This helps in reducing the overall test execution time. The parallel execution can be done in multiple levels, method level, class level, suite level.
* **Make tests dependent on one another**

We can make the test dependent on other tests. This can be done with the help of the ‘dependsOnMethods’ and ‘dependsOnGroups’ attributes with @Test annotation.

* **Prioritizing tests**

With this, we can assign a numerical priority value to the Tests. The default priority is 0.

* **Grouping of tests**

It supports the logical grouping of test cases. Thus, providing the ability to run the test groups in parallel, performing certain operations before or after the execution of the tests belonging to a group.

* **Data Driven Testing**

Using @DataProvider, we can create data driven tests. With this dataProvider annotation, we can pass the test data to the test method.

* **Reporting**

After test execution, an HTML report gets created providing tabular reporting of test results. The reporting format is also configurable by implementing listeners.

* **Parameterization**

It provides inherent support for parameterization using its @Parameters annotation. Using @Parameters annotation, we can pass the value of a parameter to the test logic from the testng.xml file.

* **Open API**

TestNG contains the open API means API is publicly available to the developers. This feature allows you to create your custom extensions in your framework when required.