BDD : we write it in given when then format and it is easy to understand to technical and non-technical persons. But, in TDD, we directly automate the test cases, only technical persons can understand the code.

| **TDD** | **BDD** |
| --- | --- |
| Stands for Test Driven Development. | Stands for Behavior Driven Development. |
| The process starts by writing a test case. | The process starts by writing a scenario as per the expected behavior. |
| TDD focuses on how the functionality is implemented. | BDD focuses on the behavior of an application for the end user. |
| Test cases are written in a programming language. | Scenarios are more readable when compared to TDD as they are written in simple English format. |
| Changes in how the application functions impact a lot on the test cases in TDD. | BDD scenarios are not much impacted by the functionality changes. |
| Collaboration is required only between the developers. | Collaboration is required between all the stakeholders. |
| Might be a better approach for projects which involve API and third-party tools. | Might be a better approach for projects which are driven by user actions. For eg: e-commerce website, application system, etc. |
| Some of the tools which support TDD are: JUnit, TestNG, NUnit, etc. | Some of the tools which support BDD are SpecFlow, Cucumber, MSpec, etc. |
| Tests in TDD can only be understood by people with programming knowledge, | Tests in BDD can be understood by any person including the ones without any programming knowledge. |
| TDD reduces the likelihood of having bugs in your tests. | Bugs in tests are difficult to track when compared to TDD. |