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| **Parameters** | **TDD** | **BDD** | **ATDD** |
| **Definition** | TDD is a development technique that focuses more on the implementation of a feature | BDD is a development technique that focuses on the system’s behavior | ATDD is a technique similar to BDD, focusing more on capturing the requirements |
| **Participants** | Developer | Developers, Customers, QAs | Developers, Customers, QAs |
| **Language used** | Written in a language similar to the one used for feature development (Eg. Java, Python, etc) | Simple English, (Gherkin) | Simple English, Gherkin |
| **Main Focus** | Unit Tests | Understanding Requirements | Writing Acceptance Tests |
| **Tools used** | JDave, [Cucumber](https://www.browserstack.com/guide/learn-about-cucumber-testing-tool), JBehave, [SpecFlow](https://www.browserstack.com/guide/specflow-automated-testing-tutorial" \o "SpecFlow Tutorial for Automation Testing" \t "_blank), BeanSpec, Gherkin Concordian, FitNesse, Jest, Jasmine, Protractor | Gherkin, Dave, Cucumber, JBehave, Spec Flow, BeanSpec, Concordian, [Cypress](https://www.browserstack.com/automate/cypress) | [TestNG](https://www.browserstack.com/guide/testng-framework-with-selenium-automation), FitNesse, EasyB, Spectacular, Concordian, Thucydides, Robot |