Acceptance testing

Are we building the **right** product?

### Functional testing

Are we building the product **right?**

### Performance testing

#### **Load testing**

#### **Stress testing**

### Regression testing

This testing is generally done after a change, fix or feature addition.

### Test driven development (TDD)

Each cycle starts by creating a set of unit tests that the feature should eventually pass (they should fail their first time executed).

### Behavior-driven development (BDD)

Each cycle starts by creating some specifications (which should fail). Then create the failing unit tests (which should also fail) and then do the development.

This cycle is repeated until all types of tests are passing.