

Software test plan

We are running on a test first development process; so tests for the application will be designed prior to any coding; then the created application will have to meet the specified test plan in order to be committed. The tests will be designed with the customers' requirements specification explicitly in mind in order to guarantee the created application as closely matches what the client wants as possible.

From the Requirements specification we will build 'use cases' that the tests can be tailored to specifically meet.

Test results will be recorded in the 'acceptance test document' which will list the following items:

- the use case the test is based off of
- the description of the test
- the desired result
- whether the application was successful
- notes if the application was unsuccessful

Each iteration of the program will need to pass the previous tests in order to be committed. Then the tests will be written as JUnits so it is simple to verify that each new build can be accepted and meets the clients demands.