

CS4911 - Test Plan

This semester we are using the pivotal tracker tool to manage our projects. See the plan and requirements samples for basic information on creating and managing user stories. There will not be a separate test plan document, rather the test plan is integrated into the user story information on pivotal tracker.

I will also check that it appears you are tracking bugs correctly also.

For each story in the current iteration, you should have the acceptance criteria listed in the description section of the story. Acceptance tests are those tests that if passed, would show that the use case works correctly.

For example, the description of the user story:

As the bank, I want to ensure that the overdraft limit of \$500.00 per user account is not exceeded so that the maximum withdrawal limit is not reached.

Description:

PROCEDURE:

1. Create account 12345 with an initial balance of \$50
2. Create account 67890 with an initial balance of \$0
3. Withdraw \$200 from account #12345
4. Withdraw \$350 from account #67890
5. Deposit \$100 into account #12345
6. Withdraw \$200 from account #67890
7. Withdraw \$150 from account #67890
8. Withdraw \$200 from account #12345
9. Deposit \$50 into account #67890
10. Withdraw \$100 from account #67890

EXPECTED RESULTS:

Account #12345:

- Ending balance = -\$250
- \$200 Withdrawal transaction posted against it

- \$100 Deposit transaction posted against it
- \$200 Withdrawal transaction posted against it

Account #67890:

Ending balance = -\$500

- \$350 Withdrawal transaction posted against it
- \$150 Withdrawal transaction posted against it
- \$50 Deposit transaction posted against it

Errors logged:

- Insufficient funds in Account #67890 (balance -\$350) for \$200 Withdrawal
- Insufficient funds in Account #67890 (balance -\$450) for \$100 Withdrawal

So I am checking that for each feature in the current iteration, there are adequate tests to insure both the success and failure paths through the story are tested. The expected results are clear and unambiguous.

Test Report

The test report is just the current results of the tests. They are either passing or failing (the actual results match the expected or they don't). If a test is passing, then the story should be marked accepted. If a test is failing, then the actual results should be described