Good Testing Ideas

Embrace Automated Testing

Use [JXN]Unit frameworks, GUI/Web automation, and your own scripts to automate tests and create reports and notifications. Just do it.

Agile Integration & Acceptance Testing Is By Feature

Agile development avoids the classic integration strategies by always having a working product. Development adds features, so system integration and testing is by features. Define your acceptance tests.

Start With Black Box Testing

Specs and requirements must be tested, so create these unit tests first. Figure out your equivalence classes and HEAVILY test the boundaries.

Create White/Clear Box Tests As Needed

Coverage analysis must be part of your automated testing. Evaluate coverage from your black box tests, and add tests as needed. Focus on condition/decision/edge coverage, and condition boundaries.

Test Loops And Edge Cases Of Loops

Binary coverage statistics don't help with loops. Test 0/1/N/Max loop iterations, and the same for the specific action inside the loop. E.g., if a loop is finding an object, have it find it on the 0/1/N/Max iteration.

Don't Monkey With Users

Some organizations let users test, some even purposely introduce *ChaosMonkeys*. Your goal is happy users, so don't do this. Do your due diligence in testing, and don't make users experience the "bleeding edge". Be the leading edge.

BE BOLD. Shape the Future.
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