Agile Test Plan

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Test Plan Template (IEEE 829 FORMAT)

1.   Test Plan Identifier
2.   References
3.   Introduction
4.   Test Items
5.   Software Risk Issues
6.   Features to be Tested
7.   Features not to be Tested
8.   Approach
9.   Item Pass/Fail Criteria
10.   Suspension Criteria and Resumption Requirements
11.   Test Deliverables
12.   Remaining Test Tasks
13.   Environmental Needs
14.   Staffing and Training Needs
15.   Responsibilities
16.   Schedule
17.   Planning Risks and Contingencies
18.   Approvals
19.   Glossary

Test plan is a **by-product** of the detailed planning process that's undertaken to create it. It's the **planning process** that **matters**, not the resulting document.

The ultimate **goal** of the test planning process is **communicating** (not recording) the software test team's intent, its **expectations**, and its **understanding** of the testing that's to be performed.

Test Plan

- What will be tested
- How the testing will be done
- What quality level is required
- How long it will take
- Who will do it

Project Test Plan

- **Scope**
- Quality
- Time
- Resource
- Risk

Project Test Plan

- Scope
- **Quality**
  - Strategy/methods
  - Process Management
  - Commitment (Entry / Exit Criteria)
  - Deliverables
- Time
- Resource
- Risk

Project Test Plan

- Scope
- Quality
- **Time (Schedule)**
- Resource
- Risk

Project Test Plan

- Scope
- Quality
- Time
- **Resource**
- Risk

Project Test Plan

- Scope
- Quality
- Time
- Resource
- **Risk**

Iteration Plan

- Iteration target
- Quality
  - Defect analysis and supervise
  - Immediate response to improve quality
  - Regression
- Knowledge sharing
- Exceptional handling

Agile Testing Manifesto

Collaborative ownership *over* detached objectivity

Targeted automation *over* widespread anti-regression

Defect prevention *over* defect reporting

Exploratory testing *over* predetermined scripting

References

- http://en.wikipedia.org/wiki/Test_plan
- http://en.wikipedia.org/wiki/IEEE_829
- http://www.coleyconsulting.co.uk/testplan.htm
- http://gerrardconsulting.com/tkb/guidelines/ieee829/main.html
- http://wenku.baidu.com/view/54424d0202020740be1e9b66.html