

System Test Strategy Template

Provided by Rex Black, Inc (www.rexblack.com)

1. Product, Revision and Overview

Describe the product and revision designator.

Describe briefly how the product works. Reference other material as appropriate.

2. Product History

Include a short history of previous revisions of this product. (3-4 sentences).

Include defect history.

3. Features to be tested

List all features to be tested. Organize the list in the way that makes most sense-user features, or by level:

<i>Application</i>
<i>Demo software</i>
<i>Client substrate</i>
<i>Server</i>
<i>Network (this may be more layers)</i>

4. Features not to be tested

Describe any features not to be tested

5. Configurations to be tested and excluded

I recommend a table showing which hardware configurations will be tested with which software.

6. Environmental requirements

Enumerate hardware, firmware, software, networks, etc. required to carry out the testing.

7. System test methodology.

Brief description of work items to be performed from the beginning to the end of the product development.

8. Initial Test requirements

Test strategy (this document), written by test personnel, reviewed by product team, agreed to by project manager.

9. System test entry and exit criteria

9.1. Entry Criteria

System Test Strategy

The software must meet the criteria below before the product can start system test. Specifically enumerate any project-specific departures from the Generic Criteria. This list must be negotiated with and agreed upon by the project leader.

Generic criteria:

- 1. All basic functionality must work.*
- 2. All unit tests run without error.*
- 3. The code is frozen and contains complete functionality.*
- 4. The source code is checked into the CMS.*
- 5. All code compiles and builds on the appropriate platforms.*
- 6. All known problems posted to the bug-tracking system.*

9.2. Exit Criteria

The software must meet the criteria below before the product can exit from system test. Specifically enumerate any project-specific departures from the Generic Criteria. This list must be negotiated with and agreed upon by the project leader.

Generic criteria:

- 1. All system tests executed (not passed, just executed).*
- 2. Successful execution of any "Getting Started" sequence.*
- 3. Results of executed tests must be discussed with product management team.*
- 4. Successful generation of executable images for all appropriate platforms.*
- 5. Code is completely frozen.*
- 6. Documentation review is complete.*
- 7. There are 0 showstopper bugs.*
- 8. There are fewer than <x> major bugs, and <y> minor bugs.*

10. Test Deliverables

- Automated tests in <framework>*
- Test Strategy and SQA project plan*
- Test procedure*
- Test logs*
- Bug-tracking system report of all issues raised during SQA process*
- Test Coverage measurement*

11. References

Other documents referring the project or testing.