

Testing Strategy Document Template

Test plan

contains a detailed understanding of the eventual workflow. A test plan documents the strategy that will be used to verify and ensure that a product or system

A test plan is a document detailing the objectives, resources, and processes for a specific test session for a software or hardware product. The plan typically contains a detailed understanding of the eventual workflow.

Software testing

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Software testing is the act of checking whether software satisfies expectations.

Software testing can provide objective, independent information about the quality of software and the risk of its failure to a user or sponsor.

Software testing can determine the correctness of software for specific scenarios but cannot determine correctness for all scenarios. It cannot find all bugs.

Based on the criteria for measuring correctness from an oracle, software testing employs principles and mechanisms that might recognize a problem. Examples of oracles include specifications, contracts, comparable products, past versions of the same product, inferences about intended or expected purpose, user or customer expectations, relevant standards, and applicable laws.

Software testing is often dynamic in nature...

Business requirements

or strategy. A business requirements document needs to be constantly revised in a controlled fashion. Having a standardized format, or templates that

Business requirements (BR), also known as stakeholder requirements specifications (StRS), describe the characteristics of a proposed system from the viewpoint of the system's end user like a CONOPS. Products, systems, software, and processes are ways of how to deliver, satisfy, or meet business requirements. Consequently, business requirements are often discussed in the context of developing or procuring software or other systems.

Three main reasons for such discussions:

A common practice is to refer to objectives, or expected benefits, as 'business requirements.'

People commonly use the term 'requirements' to describe the features of the product, system, software expected to be created.

A widely held model claims that these two types of requirements differ only in

their level of detail...

Risk management plan

June 2003 (see ch 11) US DoD extension to PMBOK Guide (see ch 11) US Defense Acquisition Guidebook (DAG)

ch8 testing DAU Risk Management Plan template - A risk management plan is a document to foresee risks, estimate impacts, and define responses to risks. It also contains a risk assessment matrix. According to the Project Management Institute, a risk management plan is a "component of the project, program, or portfolio management plan that describes how risk management activities will be structured and performed".

Moreover, according to the Project Management Institute, a risk is "an uncertain event or condition that, if it occurs, has a positive or negative effect on a project's objectives". Risk is inherent with any project, and project managers should assess risks continually and develop plans to address them. The risk management plan contains an analysis of likely risks with both high and low impact, as well as mitigation strategies

to...

Model-based testing

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In computing, model-based testing is an approach to testing that leverages model-based design for designing and possibly executing tests. As shown in the diagram on the right, a model can represent the desired behavior of a system under test (SUT). Or a model can represent testing strategies and environments.

A model describing a SUT is usually an abstract, partial presentation of the SUT's desired behavior.

Test cases derived from such a model are functional tests on the same level of abstraction as the model.

These test cases are collectively known as an abstract test suite.

An abstract test suite cannot be directly executed against an SUT because the

suite is on the wrong level of abstraction.

An executable test suite needs to be derived from a corresponding abstract test suite.

The executable...

Regional spatial strategy

with an RSS, which is a statutory, legal document. Planning Policy Statement 11: Regional Spatial Strategies commonly abbreviated as PPS 11, set out the

Regional spatial strategies (RSS) provided regional level planning frameworks for the regions of England outside London. (In London, spatial planning is the responsibility of the mayor.) They were introduced in 2004. Their revocation was announced by the new Conservative/Liberal Democrat government on 6 July 2010.

Form and document creation

material, and applying templates that already exist to material. Visual communication tasks include designing: presentations, print documents, page

layouts, images

Form and Document Creation is one of the things that technical communicators do as part of creating deliverables for their companies or clients. Document design is: "the field of theory and practice aimed at creating comprehensible, persuasive and usable functional documents". These forms and documents can have many different purposes such as collecting or providing information.

Penetration test

conducting penetration tests. These include the Open Source Security Testing Methodology Manual (OSSTMM), the Penetration Testing Execution Standard (PTES)

A penetration test, colloquially known as a pentest, is an authorized simulated cyberattack on a computer system, performed to evaluate the security of the system; this is not to be confused with a vulnerability assessment. The test is performed to identify weaknesses (or vulnerabilities), including the potential for unauthorized parties to gain access to the system's features and data, as well as

strengths, enabling a full risk assessment to be completed.

The process typically identifies the target systems and a particular goal, then reviews available information and undertakes various means to attain that goal. A penetration test target may be a white box (about which background and system information are provided in advance to the tester) or a black box (about which only basic information...

U.S. Department of Defense Strategy for Operating in Cyberspace

of Defense Strategy for Operating in Cyberspace clearly stated ambitions for enhancing U.S. hegemony. The day after the DoD strategy document was published

The 2011 U.S. Department of Defense Strategy for Operating in Cyberspace is a formal assessment of the challenges and opportunities inherent in increasing reliance on cyberspace for military, intelligence, and business operations. Although the complete document is classified and 40 pages long, this 19 page summary was released in July 2011 and

explores the strategic context of cyberspace before describing five “strategic initiatives” to set a strategic approach for DoD’s cyber mission.

Nuclear weapons testing

used in the Limited Test Ban Treaty, which banned this class of testing along with exoatmospheric and underwater. Underground testing is conducted under

Nuclear weapons tests are experiments carried out to determine the performance of nuclear weapons and the effects of their explosion. Over 2,000 nuclear weapons tests have been carried out since 1945. Nuclear testing is a sensitive political issue. Governments have often performed tests to signal strength. Because of their destruction and fallout, testing has seen opposition by civilians as well as governments, with international bans having been agreed on. Thousands of tests have been performed, with most in the second half of the 20th century.

The first nuclear device was detonated as a test by the United States at the Trinity site in New Mexico on July 16, 1945, with a yield approximately equivalent to 20

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kilotons of TNT. The first thermonuclear weapon technology test of an engineered device...

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