ISTQB® Glossary

Standard Glossary of Terms used in Software Testing

Version 4.2.1

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Search results

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All terms

acceptance criteria
Version 2

The criteria that a component or system must satisfy in order to be accepted by a user, customer, or other authorized entity.

Reference: ISO 24765

acceptance test-driven development
Version 1

A collaboration-based test-first approach that defines acceptance tests in the stakeholders' domain language.

Abbreviation: ATDD

See also: specification by example

acceptance testing
Version 2

A test level that focuses on determining whether to accept the system.

See also: user acceptance testing

actual result
Version 1

The behavior produced/observed when a component or system is tested.

Synonyms: actual outcome

Agile software development
Version 1

A group of software development methodologies based on iterative incremental development, where requirements and solutions evolve through collaboration between self-organizing cross-functional teams.

See also: feature-driven development

alpha testing
Version 3

A type of acceptance testing performed in the developer's test environment by roles outside the development organization.

anomaly
Version 1

A condition that deviates from expectation.

Reference: After ISO 24765

API testing
Version 1

Testing performed by submitting requests to the test object using its application programming interface.

audit
Version 2

An independent examination of a work product or process performed by a third party to assess whether it complies with specifications, standards, contractual agreements, or other criteria.

Reference: After ISO 24765

availability
Version 2

The degree to which a component or system is operational and accessible when required for use.

Reference: After ISO 25010

behavior-driven development
Version 1

A collaborative approach to development in which the team is focusing on delivering expected behavior of a component or system for the customer, which forms the basis for testing.

Abbreviation: BDD

beta testing
Version 3

A type of acceptance testing performed at an external site to the developer's test environment by roles outside the development organization.

black-box test technique
Version 3

A test technique based on an analysis of the specification of a component or system.

Synonyms: black-box test design technique, specification-based test technique

black-box testing
Version 2

Testing based on an analysis of the specification of the component or system.

Synonyms: specification-based testing

boundary value
Version 2

A minimum or maximum value of an ordered equivalence partition.

See also: boundary value analysis

boundary value analysis
Version 2

A black-box test technique in which test cases are designed based on boundary values.

See also: boundary value

branch
Version 2

A transfer of control between two nodes in the control flow graph of a test item.

branch coverage
Version 2

The coverage of branches in a control flow graph.

branch testing
Version 1

A white-box test technique in which the test conditions are branches.

cause-effect diagram
Version 1

A graphical representation used to organize and display the interrelationships of various possible root causes of a problem. Possible causes of a real or potential defect or failure are organized in categories and subcategories in a horizontal tree-structure, with the (potential) defect or failure as the root node.

Reference: After Juran

Synonyms: fishbone diagram, Ishikawa diagram

checklist-based review
Version 1

A review technique guided by a list of questions or required attributes.

Reference: ISO 20246

checklist-based testing
Version 3

An experience-based test technique in which test cases are designed to exercise the items of a checklist.

coding standard
Version 1

A standard that describes the characteristics of a design or a design description of data or program components.

Reference: ISO 24765

collaboration-based test approach
Version 1

An approach to testing that focuses on defect avoidance by collaborating among stakeholders.

compatibility
Version 1

The degree to which a component or system can exchange information with other components or systems, and/or perform its required functions while sharing the same hardware or software environment.

Reference: After ISO 25010

complexity
Version 1

The degree to which the design or code of a component or system is difficult to understand.

Reference: After ISO 24765

compliance
Version 2

Adherence of a work product to standards, conventions or regulations in laws and similar prescriptions.

Reference: IREB Glossary

component
Version 2

A part of a system that can be tested in isolation.

Synonyms: module, unit

component integration testing
Version 3

The integration testing of components.

Synonyms: module integration testing, unit integration testing

component testing

Version 3

A test level that focuses on individual hardware or software components.

Synonyms: module testing, unit testing

configuration management

Version 2

A discipline applying technical and administrative direction and surveillance to identify and document the functional and physical characteristics of a configuration item, control changes to those characteristics, record and report change processing and implementation status, and verify that it complies with specified requirements.

confirmation testing

Version 3

A type of change-related testing performed after fixing a defect to confirm that a failure caused by that defect does not reoccur.

Synonyms: re-testing

continuous integration

Version 1

An automated software development procedure that merges, integrates and tests all changes as soon as they are committed.

continuous testing

Version 1

An approach that involves a process of testing early, testing often, test everywhere, and automate to obtain feedback on the business risks associated with a software release candidate as rapidly as possible.

control flow

Version 3

The sequence in which operations are performed by a business process, component or system.

Reference: After ISO 29119-4

cost of quality

Version 1

The total costs incurred on quality activities and issues and often split into prevention costs, appraisal costs, internal failure costs and external failure costs.

coverage

Version 3

The degree to which specified coverage items are exercised by a test suite, expressed as a percentage.

Synonyms: test coverage

coverage criteria

Version 1

The criteria to define the coverage items required to reach a test objective.

See also: coverage item

coverage item

Version 2

An attribute or combination of attributes derived from one or more test conditions by using a test technique.

See also: coverage criteria

dashboard

Version 1

A representation of dynamic measurements of operational performance for some organization or activity, using metrics represented via metaphors such as visual dials, counters, and other devices resembling those on the dashboard of an automobile, so that the effects of events or activities can be easily understood and related to operational goals.

debugging

Version 2

The process of finding, analyzing and removing the causes of failures in a component or system.

decision table testing

Version 3

A black-box test technique in which test cases are designed to exercise the combinations of conditions and the resulting actions shown in a decision table.

defect

Version 2

An imperfection or deficiency in a work product where it does not meet its requirements or specifications.

Reference: After ISO 24765

Synonyms: bug, fault

defect density
Version 2

The number of defects per unit size of a work product.

Reference: After ISO 24765

Synonyms: fault density

See also: automation code defect density

Defect Detection Percentage
Version 1

The number of defects found by a test level, divided by the number found by that test level and any other means afterwards.

Abbreviation: DDP

Synonyms: Fault Detection Percentage (FDP)

See also: escaped defect

defect management
Version 3

The process of recognizing, recording, classifying, investigating, resolving and disposing of defects.

defect report
Version 2

Documentation of the occurrence, nature, and status of a defect.

Synonyms: bug report

driver
Version 2

A component or tool that temporarily replaces another component and controls or calls a test item in isolation.

Synonyms: test driver

dynamic testing
Version 2

Testing that involves the execution of the test item.

Reference: After ISO 29119-1

See also: static testing

effectiveness
Version 2

The extent to which correct and complete goals are achieved.

Reference: ISO 9241

See also: efficiency

efficiency
Version 3

The degree to which resources are expended in relation to results achieved.

Reference: IREB Glossary

See also: effectiveness, performance efficiency

entry criteria
Version 2

The set of conditions for officially starting a defined task.

Reference: Gilb and Graham

See also: exit criteria

equivalence partition
Version 3

A subset of the value domain of a variable within a component or system in which all values are expected to be treated the same based on the specification.

Synonyms: equivalence class

equivalence partitioning
Version 3

A black-box test technique in which test conditions are equivalence partitions exercised by one representative member of each partition.

Reference: After ISO 29119-1

Synonyms: partition testing

error
Version 1

A human action that produces an incorrect result.

Reference: ISO 24765

Synonyms: mistake

error guessing
Version 2

A test technique in which tests are derived on the basis of the tester's knowledge of past failures, or general knowledge of failure modes.

Reference: ISO 29119-1

exhaustive testing
Version 1

A test approach in which the test suite comprises all combinations of input values and preconditions.

Synonyms: complete testing

exit criteria
Version 2

The set of conditions for officially completing a defined task.

Reference: After Gilb and Graham

Synonyms: test completion criteria, completion criteria

See also: entry criteria

expected result
Version 2

The observable predicted behavior of a test item under specified conditions based on its test basis.

Reference: After ISO 29119-1

Synonyms: predicted outcome, expected outcome

experience-based test technique
Version 4

A test technique based on the tester's experience, knowledge and intuition.

Synonyms: experience-based test design technique, experience-based technique

exploratory testing
Version 3

An approach to testing in which the testers dynamically design and execute tests based on their knowledge, exploration of the test item and the results of previous tests.

Reference: After ISO 29119-1

See also: test charter

failed
Version 1

The status of a test result if the actual result does not match the expected result.

failure
Version 2

An event in which a component or system does not perform a required function within specified limits.

Reference: After ISO 24765

feature-driven development
Version 1

An iterative and incremental software development process driven from a client-valued functionality (feature) perspective. Feature-driven development is mostly used in Agile software development.

See also: Agile software development

finding
Version 1

A result of an evaluation that identifies some important issue, problem, or opportunity.

formal review
Version 2

A type of review that follows a defined process with a formally documented output.

Reference: ISO 20246

functional appropriateness
Version 3

The degree to which the functions facilitate the accomplishment of specified tasks and objectives.

Reference: ISO 25010

Synonyms: suitability

functional completeness
Version 1

The degree to which the set of functions covers all the specified tasks and user objectives.

Reference: ISO 25010

functional correctness
Version 2

The degree to which a component or system provides the correct results with the needed degree of precision.

Reference: After ISO 25010

Synonyms: accuracy

functional testing
Version 3

Testing performed to evaluate if a component or system satisfies functional requirements.

Reference: After ISO 24765

heuristic
Version 1

A generally recognized rule of thumb that helps to achieve a goal.

impact analysis
Version 2

The identification of all work products affected by a change, including an estimate of the resources needed to accomplish the change.

Reference: After ISO 24765

incremental development model
Version 2

A type of software development lifecycle model in which the component or system is developed through a series of increments.

Reference: After PMBOK

independence of testing
Version 1

Separation of responsibilities, which encourages the accomplishment of objective testing.

Reference: After DO-178C

informal review
Version 3

A type of review that does not follow a defined process and has no formally documented output.

inspection
Version 3

A type of formal review that uses defined team roles and measurement to identify defects in a work product, and improve the review process and the software development process.

Reference: After ISO 20246

See also: peer review

integration testing
Version 2

A test level that focuses on interactions between components or systems.

integrity
Version 1

The degree to which a component or system allows only authorized access and modification to a component, a system or data.

Reference: After ISO 25010

iterative development model
Version 1

A type of software development lifecycle model in which the component or system is developed through a series of repeated cycles.

maintainability
Version 2

The degree to which a component or system can be modified by the intended maintainers.

Reference: After ISO 25010

See also: analyzability, modifiability, testability

maintenance
Version 2

The process of modifying a component or system after delivery to correct defects, improve quality characteristics, or adapt to a changed environment.

Reference: After ISO 24765

maintenance testing
Version 1

Testing the changes to an operational system or the impact of a changed environment to an operational system.

maturity
Version 2

(1) The capability of an organization with respect to the effectiveness and efficiency of its processes and work practices. (2) The degree to which a component or system meets needs for reliability under normal operation.

Reference: ISO 25010

mean time to failure
Version 1

The average time from the start of operation to a failure for a component or system.

Abbreviation: MTTF

See also: mean time between failures

measurement
Version 1

The process of assigning a number or category to an entity to describe an attribute of that entity.

Reference: After ISO 24765

metric
Version 1

A measurement scale and the method used for measurement.

moderator
Version 4

(1) The person responsible for running review meetings. (2) The person who performs a usability test session.

Synonyms: facilitator

N-switch coverage
Version 1

The coverage of sequences of N+1 transitions.

Reference: Chow

Synonyms: Chow's coverage metrics

negative testing
Version 1

Testing a component or system in a way for which it was not intended to be used.

Synonyms: invalid testing, dirty testing

neuron coverage
Version 1

The coverage of activated neurons in the neural network for a set of tests.

non-functional testing
Version 3

Testing performed to evaluate that a component or system complies with non-functional requirements.

operational acceptance testing
Version 2

A type of acceptance testing performed to determine if operations and/or systems administration staff can accept a system.

Synonyms: production acceptance testing

pair testing
Version 1

A test approach in which two team members simultaneously collaborate on testing a work product.

passed
Version 1

The status of a test result if the actual result matches the expected result.

path
Version 1

A sequence of consecutive edges in a directed graph.

Synonyms: control flow path

performance efficiency
Version 2

The degree to which a component or system uses time, resources and capacity when accomplishing its designated functions.

Reference: After ISO 25010

See also: efficiency

planning poker
Version 1

A consensus-based estimation technique, mostly used to estimate effort or relative size of user stories in Agile software development. It is a variation of the Wideband Delphi method using a deck of cards with values representing the units in which the team estimates.

Reference: Mountain Goat Software

portability
Version 2

The degree to which a component or system can be transferred from one hardware, software or other operational or usage environment to another.

Reference: After ISO 25010

See also: adaptability, coexistence, installability, replaceability

postcondition
Version 2

The expected state of a test item and its environment at the end of test case execution.

precondition
Version 2

The required state of a test item and its environment prior to test case execution.

priority
Version 1

The level of (business) importance assigned to an item, e.g., defect.

product risk
Version 2

A risk that impacts the quality of a product.

See also: risk

project risk
Version 2

A risk that impacts project success.

See also: risk

quality
Version 3

The degree to which a work product satisfies stated and implied needs of its stakeholders.

Reference: After IREB

quality assurance
Version 2

Activities focused on providing confidence that quality requirements will be fulfilled.

Abbreviation: QA

Reference: After ISO 24765

See also: quality management

quality characteristic
Version 3

A category of quality attributes that bears on work product quality.

Reference: ISO 24765

Synonyms: quality attribute, software quality characteristic, software product characteristic

quality control
Version 1

Activities designed to evaluate the quality of a component or system.

Abbreviation: QC

Reference: After ISO 24765

See also: testing

quality risk
Version 2

A product risk related to a quality characteristic.

regression testing
Version 3

A type of change-related testing to detect whether defects have been introduced or uncovered in unchanged areas of the software.

regulatory acceptance testing
Version 3

A type of acceptance testing performed to determine the compliance of the test object.

reliability
Version 2

The degree to which a component or system performs specified functions under specified conditions for a specified period of time.

Reference: After ISO 25010

See also: recoverability

requirement
Version 2

A provision that contains criteria to be fulfilled.

Reference: ISO 24765

retrospective
Version 2

A regular event in which team members discuss results, review their practices, and identify ways to improve.

Reference: After SAFe

Synonyms: project retrospective, retrospective meeting, post-project meeting

review
Version 3

A type of static testing in which a work product or process is evaluated by one or more individuals to detect defects or to provide improvements.

reviewer
Version 2

A participant in a review who identifies defects in the work product.

Reference: After ISO 20246

Synonyms: checker, inspector

risk
Version 1

A factor that could result in future negative consequences.

See also: product risk, project risk

risk analysis
Version 2

The overall process of risk identification and risk assessment.

risk assessment
Version 2

The process to examine identified risks and determine the risk level.

risk control
Version 1

The overall process of risk mitigation and risk monitoring.

risk identification
Version 2

The process of finding, recognizing and describing risks.

Reference: ISO 31000

risk impact
Version 1

The damage that will be caused if the risk becomes an actual outcome or event.

Synonyms: impact

risk level
Version 2

The measure of a risk defined by risk impact and risk likelihood.

Synonyms: risk exposure

risk likelihood
Version 1

The probability that a risk will become an actual outcome or event.

Synonyms: likelihood

risk management
Version 3

The process for handling risks.

Reference: After ISO 24765

risk mitigation
Version 2

The process through which decisions are reached and protective measures are implemented for reducing or maintaining risks to specified levels.

risk monitoring
Version 1

The activity that checks and reports the status of known risks to stakeholders.

risk-based testing
Version 2

Testing in which the management, selection, prioritization, and use of testing activities and resources are based on corresponding risk types and risk levels.

Reference: After ISO 29119-1

root cause
Version 1

A source of a defect such that if it is removed, the occurrence of the defect type is decreased or removed.

Reference: CMMI

root cause analysis
Version 2

An analysis technique aimed at identifying the root causes of defects.

Synonyms: causal analysis

scalability
Version 1

The degree to which a component or system can be adjusted for changing capacity.

Reference: After Gerrard

scenario-based review
Version 2

A review technique in which a work product is evaluated to determine its ability to address specific scenarios.

scribe
Version 2

A person who records information at a review meeting.

Reference: After ISO 24765

Synonyms: recorder

security
Version 3

The degree to which a component or system protects its data and resources against unauthorized access or use and secures unobstructed access and use for its legitimate users.

Reference: After ISO 25010

Synonyms: information security

See also: functional suitability

sequential development model
Version 2

A type of software development lifecycle model in which a complete system is developed in a linear way of several discrete and successive phases with no overlap between them.

service virtualization
Version 1

A technique to enable virtual delivery of services which are deployed, accessed and managed remotely.

session-based testing
Version 1

A test approach in which test activities are planned as test sessions.

severity
Version 1

The degree of impact that a defect has on the development or operation of a component or system.

shift left
Version 1

An approach to performing testing and quality assurance activities as early as possible in the software development lifecycle.

See also: shift right

simulator
Version 2

A component or system used during testing which behaves or operates like a given component or system.

Reference: After ISO 24765

See also: emulator

smoke test
Version 1

A test suite that covers the main functionality of a component or system to determine whether it works properly before planned testing begins.

Synonyms: sanity test, intake test, confidence test

software development lifecycle
Version 1

The activities performed at each stage in software development, and how they relate to one another logically and chronologically.

Abbreviation: SDLC

Synonyms: lifecycle model

state transition testing
Version 3

A black-box test technique in which test cases are designed to exercise elements of a state transition model.

Synonyms: finite state testing

statement coverage
Version 2

The coverage of executable statements.

statement testing
Version 2

A white-box test technique in which test cases are designed to execute statements.

static analysis
Version 2

The process of evaluating a component or system without executing it, based on its form, structure, content, or documentation.

Reference: After ISO 24765

static testing
Version 4

Testing that does not involve the execution of a test item.

See also: dynamic testing

stub
Version 1

A skeletal or special-purpose implementation of a software component, used to develop or test a component that calls or is otherwise dependent on it. It replaces a called component.

Reference: After ISO 24765

system integration testing
Version 4

The integration testing of systems.

system testing
Version 2

A test level that focuses on verifying that a system as a whole meets specified requirements.

system under test
Version 2

A type of test object that is a system.

Abbreviation: SUT

technical review
Version 3

A formal review by technical experts that examine the quality of a work product and identify discrepancies from specifications and standards.

See also: peer review

test
Version 1

A set of one or more test cases.

test analysis
Version 2

The activity that identifies test conditions by analyzing the test basis.

test approach
Version 3

The manner of implementing testing tasks.

test automation
Version 2

The use of software to perform or support test activities.

test automation framework
Version 1

A tool that provides an environment for test automation. It usually includes a test harness and test libraries.

test basis
Version 2

The body of knowledge used as the basis for test analysis and design.

Reference: After TMap

test case
Version 2

A set of preconditions, inputs, actions (where applicable), expected results and postconditions, developed based on test conditions.

See also: test step

test charter
Version 3

Documentation of the goal or objective for a test session.

Synonyms: charter

See also: exploratory testing

test completion
Version 2

The activity that makes testware available for later use, leaves test environments in a satisfactory condition and communicates the results of testing to relevant stakeholders.

test completion report
Version 3

A type of test report produced at completion milestones that provides an evaluation of the corresponding test items against exit criteria.

Synonyms: test summary report

test condition
Version 3

A testable aspect of a component or system identified as a basis for testing.

Reference: After ISO 29119-1

Synonyms: test situation, test requirement

test control
Version 2

The activity that develops and applies corrective actions to get a test project on track when it deviates from what was planned.

See also: test management

test cycle
Version 1

An instance of the test process against a single identifiable version of the test object.

test data
Version 3

Data needed for test execution.

Synonyms: test dataset

test design
Version 3

The activity that derives and specifies test cases from test conditions.

test environment
Version 1

An environment containing hardware, instrumentation, simulators, software tools, and other support elements needed to conduct a test.

Reference: ISO 24765

Synonyms: test bed, test rig

test estimation
Version 2

An approximation related to various aspects of testing.

test execution
Version 2

The activity that runs a test on a component or system producing actual results.

test execution schedule
Version 2

A schedule for the execution of test suites within a test cycle.

test harness
Version 2

A collection of stubs and drivers needed to execute a test suite

test implementation
Version 2

The activity that prepares the testware needed for test execution based on test analysis and design.

test item Version 2

A part of a test object used in the test process.

See also: test object

---

test level Version 2

A specific instantiation of a test process.

Synonyms: test stage

---

test log Version 1

A chronological record of relevant details about the execution of tests.

Reference: ISO 24765

Synonyms: test record, test run log

---

test management Version 2

The process of planning, scheduling, estimating, monitoring, reporting, controlling, and completing test activities.

Reference: ISO 29119-1

See also: test control, test monitoring

---

test manager Version 2

The person responsible for project management of testing activities, resources, and evaluation of a test object.

See also: test director, test leader, Agile test leader

---

test monitoring Version 3

The activity that checks the status of testing activities, identifies any variances from planned or expected, and reports status to stakeholders.

See also: test management

---

test object Version 2

The work product to be tested.

See also: test item

---

test objective Version 3

The purpose for testing.

Synonyms: test goal

---

test plan Version 2

Documentation describing the test objectives to be achieved and the means and the schedule for achieving them, organized to coordinate testing activities.

Reference: After ISO 29119-1

See also: master test plan, level test plan, test scope

---

test planning Version 1

The activity of establishing or updating a test plan.

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test policy Version 1

A high-level document describing the principles, approach and major objectives of the organization regarding testing.

Synonyms: organizational test policy

See also: test mission

---

test procedure Version 1

A sequence of test cases in execution order, and any associated actions that may be required to set up the initial preconditions and any wrap up activities post execution.

Reference: ISO 29119-1

---

test process Version 2

The set of interrelated activities comprising of test planning, test monitoring and control, test analysis, test design, test implementation, test execution, and test completion.

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test progress report Version 4

A type of periodic test report that includes the progress of test activities against a baseline, risks, and alternatives requiring a decision.

Synonyms: test status report

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test pyramid   Version 1

A graphical model representing the relationship of the amount of testing per level, with more at the bottom than at the top.

test report   Version 1

Documentation summarizing test activities and results.

test reporting   Version 1

Collecting and analyzing data from testing activities and subsequently consolidating the data in a report to inform stakeholders.

test result   Version 1

The consequence/outcome of the execution of a test.

Synonyms: outcome, test outcome, result

test run   Version 1

The execution of a test suite on a specific version of the test object.

test script   Version 2

A sequence of instructions for the execution of a test.

test session   Version 1

An uninterrupted period of time spent in executing tests.

test strategy   Version 4

A description of how to perform testing to reach test objectives under given circumstances.

test suite   Version 3

A set of test scripts or test procedures to be executed in a specific test run.

Synonyms: test set, test case suite

test technique   Version 3

A procedure used to define test conditions, design test cases, and specify test data.

Synonyms: test design technique

test type   Version 2

A group of test activities based on specific test objectives aimed at specific characteristics of a component or system.

Reference: After TMap

test-driven development   Version 2

A software development technique in which the test cases are developed, automated and then the software is developed incrementally to pass those test cases.

Abbreviation: TDD

See also: test-first approach

test-first approach   Version 1

An approach to software development in which the test cases are designed and implemented before the associated component or system is developed.

See also: test-driven development

testability   Version 3

The degree to which test conditions can be established for a component or system, and tests can be performed to determine whether those test conditions have been met.

Reference: After ISO 25010

See also: maintainability

tester   Version 2

A person who performs testing.

testing Version 3

The process within the software development lifecycle that evaluates the quality of a component or system and related work products.

See also: quality control

testing quadrants Version 1

A classification model of test types/test levels in four quadrants, relating them to two dimensions of test objectives: supporting the product team versus critiquing the product, and technology-facing versus business-facing.

testware Version 2

Work products produced during the test process for use in planning, designing, executing, evaluating and reporting on testing.

Reference: After ISO 29119-1

traceability Version 3

The ability to establish explicit relationships between related work products or items within work products.

Reference: IREB

unit test framework Version 1

A tool that provides an environment for unit or component testing in which a component can be tested in isolation or with suitable stubs and drivers. It also provides other support for the developer, such as debugging capabilities.

Reference: Graham

usability Version 3

The degree to which a component or system can be used by specified users to achieve specified goals in a specified context of use.

Reference: After ISO 25010

See also: user interface aesthetics, operability, appropriateness recognizability

usability lab Version 1

A test facility in which unintrusive observation of participant reactions and responses to software takes place.

usability testing Version 2

Testing to evaluate the degree to which the system can be used by specified users with effectiveness, efficiency and satisfaction in a specified context of use.

Reference: After ISO 25010

user acceptance testing Version 4

A type of acceptance testing performed to determine if intended users accept the system.

Abbreviation: UAT

See also: acceptance testing

user experience Version 1

A person's perceptions and responses resulting from the use or anticipated use of a software product.

Reference: ISO 9241-210

user story Version 3

A user or business requirement consisting of one sentence expressed in the everyday or business language which is capturing the functionality a user needs, the reason behind it, any non-functional criteria, and also including acceptance criteria.

See also: user story testing

V-model Version 2

A sequential software development lifecycle model describing a one-for-one relationship between major phases of software development from business requirements specification to delivery, and corresponding test levels from acceptance testing to component testing.

validation Version 2

Confirmation by examination that a work product matches a stakeholder's needs.

Reference: After IREB

verification Version 1

Confirmation by examination and through provision of objective evidence that specified requirements have been fulfilled.

Reference: ISO 9000

walkthrough
Version 3

A type of review in which an author leads members of the review through a work product and the members ask questions and make comments about possible issues.

Reference: After ISO 20246

Synonyms: structured walkthrough

See also: peer review

white-box test technique
Version 3

A test technique only based on the internal structure of a component or system.

Synonyms: white-box test design technique, structure-based test technique

white-box testing
Version 1

Testing based on an analysis of the internal structure of the component or system.

Synonyms: clear-box testing, code-based testing, glass-box testing, logic-coverage testing, logic-driven testing, structural testing, structure-based testing

Wideband Delphi
Version 1

An expert-based test estimation technique that aims at making an accurate estimation using the collective wisdom of the team members.