



Standard Glossary of Terms used in Software Testing

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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 The number of defects per unit size of a work product. Reference: After ISO 24765 Synonyms: fault density See also: automation code defect density	Version 2
Defect Detection Percentage 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	Version 1
defect management The process of recognizing, recording, classifying, investigating, resolving and disposing of defects.	Version 3
defect report Documentation of the occurrence, nature, and status of a defect. Synonyms: bug report	Version 2
driver A component or tool that temporarily replaces another component and controls or calls a test item in isolation. Synonyms: test driver	Version 2
dynamic testing Testing that involves the execution of the test item. Reference: After ISO 29119-1 See also: static testing	Version 2
effectiveness The extent to which correct and complete goals are achieved. Reference: ISO 9241 See also: efficiency	Version 2
efficiency The degree to which resources are expended in relation to results achieved. Reference: IREB Glossary See also: effectiveness, performance efficiency	Version 3
entry criteria The set of conditions for officially starting a defined task. Reference: Gilb and Graham See also: exit criteria	Version 2
equivalence partition 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	Version 3
equivalence partitioning 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	Version 3
error A human action that produces an incorrect result. Reference: ISO 24765 Synonyms: mistake	Version 1

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.	
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.	
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	

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.
