

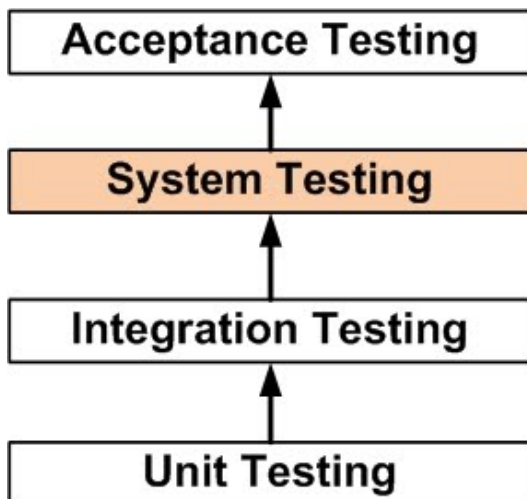
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Grammarly

System Testing

SYSTEM TESTING is a level of software testing where a complete and integrated software is tested. The purpose of this test is to evaluate the system's compliance with the specified requirements.



Definition by ISTQB

- **system testing:** The process of testing an integrated system to verify that it meets specified requirements.

Analogy

During the process of manufacturing a ballpoint pen, the cap, the body, the tail, the ink cartridge and the ballpoint are produced separately and unit tested separately. When two or more units are ready, they are assembled and Integration Testing is performed. When the complete pen is integrated, System Testing is performed.

Method

Usually, Black Box Testing (<http://softwaretestingfundamentals.com/black-box-testing/>) method is used.

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Tasks

- System Test Plan
 - Prepare
 - Review
 - Rework
 - Baseline
- System Test Cases
 - Prepare
 - Review
 - Rework
 - Baseline
- System Test
 - Perform

When is it performed?

System Testing is the third level of software testing (<http://softwaretestingfundamentals.com/software-testing-levels/>) performed after Integration Testing (<http://softwaretestingfundamentals.com/integration-testing/>) and before Acceptance Testing (<http://softwaretestingfundamentals.com/acceptance-testing/>).

Who performs it?

Normally, independent Testers perform System Testing.

◀ Acceptance Testing (<http://softwaretestingfundamentals.com/acceptance-testing/>)

Integration Testing ▶ (<http://softwaretestingfundamentals.com/integration-testing/>)

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Ponder

Weinberg's Second Law: If builders built buildings the way programmers wrote programs, then the first woodpecker that came along would have destroyed civilization.