

# Testing Service Process

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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

## **Contents**

<b>1 Project Definition</b>	<b>1</b>
<b>2 Development</b>	<b>1</b>
<b>3 Testing</b>	<b>1</b>

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## 1 Project Definition

At first Test Plan specification (high level) is prepared. It includes training required for the PD author(s), discussion with the customer, approval of the PD by the customer.

## 2 Development

Further there are two types of subtasks which may be done simultaneously.

- Framework development in accordance with OL software development process without testing of the framework (since it will be implicitly done during test cases debugging) and with optional design and code review phases. Guidelines document about how to implement a test case in this framework may be created during this activity.
- Design, implementation and debugging of test cases:
  1. Training (optional, since assigned developer may have all required knowledges).
  2. Design of Test Specification or Analysis/review of existing Test Specification (e.g. standard acceptance test plan):
    - coverage completeness (optional);
    - sufficiency of descriptions for implementation.
  3. Internal review of Test Specification  $\leftrightarrow$  processing of review notes (optional, but highly recommended)
  4. Delivery of the Test Specification to the customer, approval.
  5. Implementation of test cases, debugging.
  6. Code review of test cases: coding style, correspondence of the implementation to the description (optional, recommended). Processing of code review notes.

## 3 Testing

The tests are applied to IUT (implementation under test). All found problems are reproduced and reported to customer (e.g. via Bug Tracker).

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