



Agile testing

Agile testing fits seamlessly into agile software development projects:

- **Testing and development work together to enable a quick feedback, defect fix and change cycles**
- **Testing supports the entire development team and structures communication between goals, execution and customer approval**
- **Applying test automation in multiple ways means swift testing and this, in turn, speeds up the entire project**

Service description

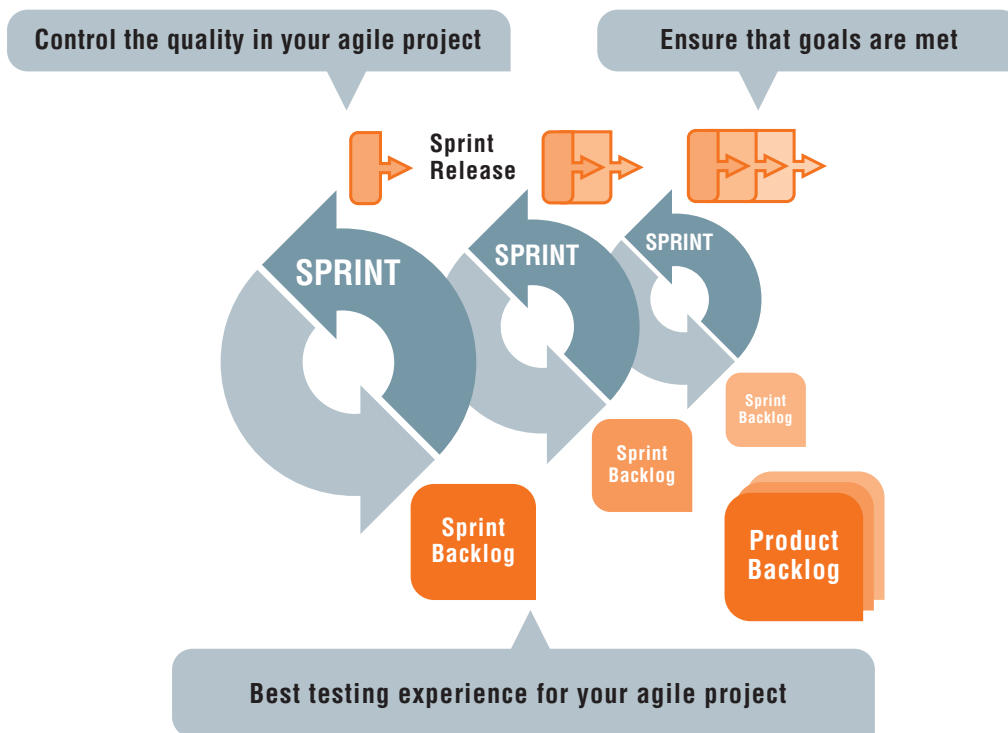
Qentinel consultants work as agile testing experts in customer development projects. Agile testers bring tried and true testing methods to the project for the benefit of the whole project team.

The role of an agile tester – In agile development, testing is not a separate phase towards the end of the project. Instead, testing is done throughout the development sprints. Testers are an integral part of the development team and participate in many tasks during a sprint:

- during sprint planning, determining the testability of the goals or requirements for the sprint
- developing the requirements into acceptance tests
- supporting developers in unit test development
- exploratory testing during integration and acceptance tests
- test automation development to support continuous integration and acceptance testing

LET THERE BE QUALITY





THE BENEFITS OF QENTINEL AGILE TESTING IN YOUR PROJECT

Applicable practices

Not ready until tested – In agile development, the results of a sprint are ready only when they pass all acceptance tests the development team and the customer have approved for the sprint.

In Acceptance Test Driven Development, testing binds together common goals, their development activities and the acceptance of the results. Traditional specification methods are replaced by exact, practical acceptance tests that verify the correctness of the sprint results.

In exploratory testing, much of the value is dependent on the situational ability and experience of the tester. With testing professionals in the project, exploratory testing is an effective testing method that complements unit and acceptance testing.

Test automation – Enables extensive regression testing coverage during fast-paced development sprints.

Tester skill sets

The transition to agile – To start using agile development methods, the organisation must adapt to new working methods and actively seek and try out new best practices. Qentinel's extensive experience assists in adjusting testing to agile development methods such as Scrum.

Communication – In addition to technical know-how, communication and teamwork skills are of great importance. All Qentinel test experts specialise in consulting customer work and are able to quickly adapt their skills and knowledge in changing situations.

Qentinel Ltd

Qentinel is a leading Finnish provider of software quality assurance services. We help our customers in software quality assurance and testing, ranging from test planning and management to implementation and automation of testing.

Our customers are organizations for whom the quality of their software and IT systems is an important success factor.

For further information on our services, please visit our web site.

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