

Leveraging Requirements Using HP Quality Center

Applying requirements best practices to ensure more effective testing

Duration

One day

Class Limit

12 students

Labs

Approximately 50% of class

Materials Provided

- Student manual containing the course slides and exercises
- Computers will be provided for exercises

This comprehensive one-day workshop will provide attendees with an understanding of requirements best practices, as well as different methods of defining and managing requirements. In addition, attendees will learn how they can leverage those requirements using HP Quality Center software to develop comprehensive test plans, link test cases to requirements, and determine requirement coverage.

By combining requirements best practices with tool-specific training, students will learn not only how to write accurate and complete requirements, but also how to leverage those requirements once they're written to ensure a more effective testing process.

Key Learning Points

This workshop will demonstrate:

- The importance of defining accurate and complete requirements
- The application of use cases for defining user needs and system functions
- How to write software requirements specifications using a standard template
- How to use the HP Quality Center Requirements module.
- How the Requirements module interacts with the other HP Quality Center modules.

Prerequisite

None

Intended Audience

Business analysts involved in defining and managing requirements and quality assurance testers tasked with using those requirements to develop effective tests. Project and product managers also can benefit from understanding how complete and accurate requirements can improve the testing process and the success of the project.

Course Outline

Requirements Process

- Mission: Success
- Software Requirements Roadmap
- Business Requirements
- The Link Between Requirements and Testing with HP Quality Center
- Requirements: The Blueprint for Success
- Prioritization for Incremental Development
- Use Case Diagrams
- Use Case Development
- Software Requirements Specifications
- Use Cases to Test Cases

Requirements Using HP Quality Center

- The Test Management Process
- Requirements Module in HP Quality Center
- Requirement Tree
- Traceability
- Impact Analysis
- Risk Assessments using HP Quality Center
 - Risk Based Analysis of Requirements
 - Performing Risk Analysis
- Requirements & Other Modules
 - Releases & Cycles
 - Test Cases
 - Defects
 - Reporting
- Version Control*
- Baselines*
- Requirement Relationships

* New functionality in HP Quality Center 10

About Orasi

Orasi provides comprehensive consulting and training services to support proven processes and best-of-class technologies. At Orasi, our experienced trainers and consultants enable customers to realize the benefits of effective processes supported by trained personnel and the right technology. We help organizations build higher quality products, from needs assessment and strategic consulting to technical implementation.

Whether you want to improve current processes and workflows or bring employees up to speed on proven practices and technology, Orasi helps you manage your people, processes and technologies to ensure success. With Orasi, you'll gain a competitive advantage and realize a return on your technology investments throughout the development cycle.

