Implementing Better Waterfall Testing Practices
An Orasi Training Course

Course Overview

As technology complexities continue to expand, our approach to software development and testing must keep pace. Based on a myriad of development methodologies, it is critical that testers adjust to whatever approach the projects they are involved with use. Each development methodology (waterfall, iterative, agile, etc.) drives a different testing strategy to which testers must adapt.

Orasi™ Software, Inc. delivers this class to organizations to help them meet today's testing challenges and provides them with a more effective and efficient approach to testing. Implementing Better Testing Practices is an accelerated and cost-effective approach focused on the proper use of testing methods, tools, and techniques and presented with a balance of lecture and hands-on exercises.

Duration: 2 days
Class Limit: 20 students
Labs: 40% of class time
Prerequisite: None

Target Audience
- Quality Assurance and Testers
- Requirements and Business Analysts

Goals
- Subject matter experts learn how to test efficiently using best practices
- Manual testers learn how to accelerate manual test case creation and execution for iterative, hybrid, and agile projects

Related Classes
- Creating and Leveraging Excellent Requirements
- Micro Focus ALM End User Basic Training
- Micro Focus Sprinter End User Training

Agenda

Concepts
- Software Development Life Cycles – Waterfall, Iterative, Hybrid, Agile
- Requirements Definition and Strategies
- Testing Types and Approaches
- Project and Testing Risks
- Builds and Releases
- Defect Management and Metrics

Test Development
- Test Strategy and Planning
- Test Coverage and Runs
- Test Cases and Scenarios
- Test Data Management

Managing the Testing Process
- Project Strategy
- Software Quality Tools
  - Test and Defect Management
  - Requirements to Testing Traceability
- Testing Procedures and Metrics Reporting

Objectives:

This class teaches students how to:
- Discover how software development methodologies drive your testing strategy
- Learn how to manage your testing timeline
- Learn how to develop manual test cases in preparation for test automation
- Discuss how to implement risk-based testing to ensure your critical requirements are tested first
- Learn how to manage your testing practice effectively and efficiently
- Learn software quality techniques including risk assessment and reverse engineering

For more information or to schedule this course, email training@orasi.com or call 678-819-5300.

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