

How to Plan, Prepare, and Manage Acceptance Testing

Instructor-Led, Web-Delivered Duration 2 Sessions

Overview

User acceptance testing without a test plan is similar to taking off without a flight plan. If you don't know what needs to be done to responsibly validate that an information technology solution meets the defined business, stakeholder, solution, and transition requirements, you place the project (and potentially your organization) at risk.

This online business analyst testing course teaches you how to select a testing strategy, develop a test plan, organize test scenarios, and manage the testing effort for end-user acceptance testing based on business, stakeholder, solution, and transition requirements.

Note: *This instructor-led course delivered in two virtual sessions via the Internet covers the same content as the first day of our 2-day course, "How to Test an Application using Business Requirements" which can be delivered live at your site.*

Target Audience

Business Systems Analysts

Test Engineers

End-users responsible for acceptance testing

Test Managers

Project managers

Anyone responsible for planning, preparing, and/or managing the business system software testing process.

Quality Analysts

Quality Engineers

Learning Objectives

Upon completion of this seminar, you will . . .

- Use the 7 major steps of a well-defined testing methodology
- Determine when to use walkthroughs, reviews, and inspections
- Select the appropriate type of test coverage to reduce business risks
- Contrast unit, integration, system, and acceptance testing
- Develop the strategic and scheduling components of a test plan
- Optimize the use of your acceptance testing resources
- Create an acceptance test plan that is synchronized with your strategy
- Assemble the 17 key elements of effective test plans

Developed and presented by:



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1 Testing Your Testing Methods

Introduction to Acceptance Testing

- What is an Integrated Business Solution?
- To Test or Not To Test
- Testing Reality

2 Applying a Testing Methodology

Software Testing Methodology

- Exercise: Other Testing Terminology
- A “Real” Testing Methodology
- Exercise: Testing Activities

3 Selecting the Right Testing Strategy

Static Testing Methods

- Static Testing
- Exercise: Static Coverage
- Rules of Walkthroughs and Inspections
- Roles in Walkthroughs and Inspections
- Static Validation Methods
- Implementing Static Testing
- Exercise: Making It Happen

Test Strategy Development

- Of People and Methods
- Static versus Dynamic Testing
- How Can You Manage Risk?
- Dimensions of Risk

- Technology Risks Quantified
- Business/Environmental Risks
- Exercise: Selecting Test Types
- Dynamic Coverage Levels
- Automated Tools Types
- Implementing Test Automation
- Critical Test Planning Assumptions
- Test Plan Validation
- Organizing a Test Plan

4 Creating and Validating Test Plans

Dynamic Testing Methods

- Dynamic Testing
- Testing Phases
- Exercise: Testing Testing Phases
- White Box Testing Defined
- Black Box Testing Defined

Test Planning Techniques

- Test Planning Activities
- Criteria for a Testing Objective
- Administrative Components of a Test Plan
- Executive Components of a Test Plan
- Scheduling Components of a Test Plan
- Roles and Responsibilities
- Planning Required Resources