ISTQB Certified Tester Foundation Level

PERFORMANCE TESTING

About the Course

The Performance Testing course is designed to understand the principles of performance testing, types of performance testing, metrics of performance testing, analyzing results of performance testing and determining appropriate performance testing activities for each stage of the software development lifecycle. This course is aimed at anyone interested to enhance their knowledge in performance testing and activities related to performance testing. Join us to learn the fundamentals and build your knowledge!

Course Outline

Chapter 1: Basic Concepts
   1.1 Principles of Performance Testing
   1.2 Types of Performance Testing
   1.3 Testing Types in Performance Testing
   1.4 The Concept of Load Generation
   1.5 Common Performance Efficiency Failure Modes and Their Causes

Chapter 2: Performance Measurement Fundamentals
   2.1 Typical Metrics Collected in Performance Testing
   2.2 Aggregating Results from Performance Testing
   2.3 Key Sources of Performance Metrics
   2.4 Typical Results of a Performance Test

Chapter 3: Performance Testing in the Software Lifecycle
   3.1 Principal Performance Testing Activities
   3.2 Categories of Performance Risks for Different Architectures
   3.3 Performance Risks Across the Software Development Lifecycle
   3.4 Performance Testing Activities

Chapter 4: Performance Testing Tasks
   4.1 Planning
   4.2 Analysis, Design and Implementation
   4.3 Execution
   4.4 Analyzing Results and Reporting

Chapter 5: Tools
   5.1 Tool Support
   5.2 Tool Suitability

By the end of the course, participants will be able to:

- Understand the fundamentals of performance and performance testing
- Understand performance requirements, objectives and goals
- Understand the process and stages of performance testing activities
- Determine the right performance tools to use
- Design and develop performance test plan
- Execute performance test and analyze test results

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DURATION 2 DAYS   **MODE: ONLINE/F2F**

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