

About Codefrux

While the current trends around the world are based on the internet, mobile and its applications, we try to make the most out of it. As for us, we are a well established IT professionals based in Bangalore, constantly coping up with the extensive advancement and adapting to new Technology.

Manual Testing is a process of finding out the defects or bugs in a software program. In this method the tester plays an important role of end user and verifies that all the features of the application are working correctly. The tester manually executes test cases without using any automation tools.

What you will Learn In This Course

- Software testing life cycle
- Test Plan preparation
- Test case preparation
- Software testing techniques
- Bug Reports
- Test summary reports
- Test management
- Black box testing
- Test execution
- Test techniques
- Sample templates for Test plan, test cases,STLC

Who should take the course?

- Anyone who wants to learn Testing
- People who want to produce the highest-quality testing
- People looking to go from absolute beginner to advanced automation testing

1. Manual Testing

1. Software Testing - Introduction - Importance
2. Seven Fundamental Principles of Testing
3. Software Development Process
4. SDLC Vs STLC
5. Quiz
6. Summary
7. Hands on

2. Software Development Life Cycle

1. Waterfall Model
2. Spiral Model
3. V Process Model
4. Prototype Model
5. Agile Model(Scrum)
6. How to Choose Model for a Project
7. Quiz
8. Summary
9. Hands on

3. Type of Testing

1. Unit Testing
2. Integration Testing
3. System Testing
4. User Acceptance Testing
5. Smoke and Sanity Testing
6. What is Regression Testing?
7. Non - Functional Testing
8. Automation Testing
9. Quiz
10. Summary
11. Hands on

4. Agile

1. Agile Testing Methodology
2. How to Test in Agile?
3. Scrum Testing
4. Automation Testing for Agile Methodology
5. Waterfall Vs. Agile: Must Know Differences
6. Bug/Defect Triage
7. Agile Vs Scrum: Know the Difference
8. Scrum Master Training: Complete Tutorial
9. Scrum Vs. Kanban: Know the Difference

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10. Quiz
 11. Summary
 12. Hands on

5. Basics of RDBMS

1. Data Types
2. Basic SQL Queries
3. DML Commands
4. DDL Commands
5. DCL Commands
6. TCL Commands
7. Quiz
8. Summary
9. Hands on

6. SQL Queries

1. Joins
2. Unions
3. Indexes
4. Sub Queries
5. Quiz
6. Summary
7. Hands on

7. Windows & Web Application Testing

1. Check List for Window App Testing
2. Check List for Web Application Testing
3. Web App Testing Terminology
4. Quiz
5. Summary
6. Hands on

8. Windows & Web Application Testing

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9. Test Planning & Test Case Development

1. Test Basis
2. Test Cases
3. Test case Design
4. Test Case Specifications

5. Building test cases
6. Test data mining
7. Test execution
8. Test Reporting
9. Test Coverage – Traceability matrix
10. First Steps Test Case Development
11. Test Scenario
12. Traceability Matrix
13. Boundary Value Analysis
14. Practical Tips and Tricks to Create Test Data
15. Quiz
16. Summary
17. Hands on

10. Testing Techniques

1. Structural versus Functional Technique Categories
2. Verification versus Validation
3. Static versus Dynamic Testing
4. Examples of Specific Testing Techniques
5. Equivalence Partitioning & Boundary Value Analysis
6. Decision Table Testing
7. State Transition Diagram
8. Use Case Testing
9. Quiz
10. Summary
11. Hands on

11. Test Management & Control

1. Estimation
2. Test Plan
3. Test Environment for Software Testing
4. Quiz
5. Summary
6. Hands on

12. Defect Management

1. Defects
2. Defect Life Cycle
3. Severity, Priority
4. Testing Tools
5. Quiz
6. Summary
7. Hands on

13. Test Closure

1. Criteria for Test Closure
2. Test Summary Report
3. Quiz
4. Summary
5. Hands on

14. Managing Change

1. Software Configuration Management
2. Change Management
3. Quiz
4. Summary
5. Hands on

Project Work

After course completion, students will be assigned to work on live project to polish the technology skills you have acquired with us.