



MANUAL TESTING COURSE CONTENT

Introduction to Manual Testing

Testing is a critical phase of Software Development Life Cycle. Manual testing is the process in which the defects are identified, isolated, subjected for justification and ensure that the product is defect-free, in-order to produce quality product. However it requires the necessary knowledge such as about different types of manual testing, software development life cycle. In this course you will learn everything that is required from a good manual tester.

Manual Testing Training Syllabus

Module 1: Introduction to Software Testing

- Understanding the basics of software testing
- Software development life cycle (SDLC) and testing phases
- Roles and responsibilities of a manual tester
- Importance of software quality and testing

Module 2: Software Testing Process

- Test planning and strategy
- Test case development and test execution
- Test data creation and management
- Defect tracking and reporting
- Test closure activities

Module 3: Test Design Techniques

- Black box testing techniques (equivalence partitioning, boundary value analysis, decision tables)
- White box testing techniques (statement coverage, branch coverage, path coverage)
- Use case-based testing
- Error guessing and exploratory testing

Module 4: Test Execution and Defect Management

- Test environment setup and test execution
- Test documentation and test log maintenance
- Defect life cycle and defect tracking tools
- Defect reporting and defect triage process

Module 5: Functional Testing

- Understanding functional requirements and specifications
- Test scenarios and test case development for functional testing
- Verification and validation of functionality
- Regression testing techniques

Module 6: Non-Functional Testing

- Performance testing and load testing
- Usability testing and user interface testing
- Compatibility testing (browser, operating systems, devices)
- Security testing and vulnerability assessment

Module 7: Test Management and Test Metrics

- Test estimation and planning
- Test progress tracking and reporting
- Test coverage metrics
- Defect metrics and analysis

Module 8: Test Documentation and Reporting

- Test plan preparation
- Test case documentation and traceability matrix
- Test report generation and analysis
- Test summary and test closure report

Module 9: Test Techniques and Test Types

- Smoke testing and sanity testing
- Integration testing and system testing
- User acceptance testing (UAT)
- Regression testing and retesting

Module 10: Test Automation Introduction

- Introduction to test automation
- Overview of popular test automation tools
- Identifying suitable test scenarios for automation

Module 11: Test Process Improvement

- Understanding the importance of process improvement
- Root cause analysis and defect prevention
- Test process maturity models (e.g., TMMi, TPI)
- Continuous improvement and lessons learned

Module 12: Industry Best Practices and Standards

- Overview of industry-standard testing frameworks (ISTQB, TMMi)
- Adhering to testing standards and best practices
- Code of ethics for testers

Manual Testing Training Schedule

Regular Batch (Monday to Friday), Timings: Morning & Evening shift

Weekend Training Batch also available on Saturday, Sunday & Holidays

Student Benefits

- Hands on Project Experience exposures in the Lab session
- Real Time case studies to practice
- Free Technical Support after Course Completion
- Back up Classes Available
- LAB Facility
- Free Wifi to learn subject
- Latest Study Material

Our Trainers

- More than 10 Years of experience in PHP Technologies
- Has worked on multiple realtime PHP projects
- Strong Theoretical & Practical Knowledge

Our Manual Testing Placements / Training Records in Lucknow

- Placement Assistance
- 92% percent Placement Record

Course Duration : 2 months

Mini Project: Project would be allotted to a student which has to be submitted with project documentations and reports. Viva would be conducted for the project for successfully completion of the course.

CONTACT US

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