



MANUAL TESTING with Real Time Project - Syllabus

Module 1: I.T Industry and Services

- Introduction to Software Testing
- SDLC phases and Deliverables
- SDLC Models
- Software Engineering
- Software Process and benefits
- Software Configuration Management (VSS/TFS)
- SQA and SQC
- Verification and Validation
- Testing Roles and Responsibilities
- Testing Terminology

Module 2: Test Design

- Project Management plan
- Requirements Specification
- Requirement Change Management
- Testing Life Cycle
- Test Plan Preparation
- Test Scenarios
- LAB Checklist
- Working Folder Structure
- Test Cases
- Guidelines for web testing

Module 3: Test Environment

- Project / Product and Types
- MVC Architectures
- Java / .Net Environment for Web Applications
- Servers
- Architecture of Current Project

Module 4: Test Execution

- Builds from Development Testing
- Test Cases Execution
- Defect Management - Bugzilla / Track+
 - Creating user roles and Users
 - Defects Reporting
 - Defects Tracking and Retesting
 - Defects Closing
- Severity and Priority
- Status Reports
 - Daily Status Report
 - Daily Defect Report
 - Weekly Status Report
 - Retesting Report
- Defects in Real Time Applications
- Defect Life Cycle
- Retesting and Regression Testing
- Project Builds Workflow
- Testing Strategy
- Testing Process
- Database Testing using TOAD
- Test Metrics
- Test Closure

Module 5 : Mobile APP Testing

- Mobile Apps Testing (Android & IOS)
- Mobile Apps Testing (Responsive)
- Mobile Testing Strategy
- Mobile Testing using Emulators