
Software Testing Course Content

Pre-requisite: C Programming

Fundamentals of Software Testing

- Get introduced to software engineering
- software development life cycle
- software testing methodologies
- basics of SQL queries
- object oriented programming.

Manual Testing

- Learn fundamentals of manual testing
- types of defects and quality
- test development process
- software development models
- software testing levels
- testing techniques
- defect tracking and management etc

Contact Testing

- Learn web
- desktop
- mobile application testing along with agile testing

Defect Reporting Tools

- Learn how to use defect reporting tools like bugzilla.

Automation Tool – QuickTest Pro

- Learn automation tool like quick test pro and get to know entire automation process.
- Get introduced to QTP and its recording modes
- types and methods of actions
- parameterization
- conditional and looping.

Selenium IDE

- Learn Selenium IDE with use of Fire bug tools and get introduced to non-functionality testing using automation tool. Know how to use load runner-up
- its procedure and parameterization in load runner-up.

Load Runner – Performance Testing Tool

Load Runner-up

- Know how to use load runner-up
- its procedure and parameterization in load runner-up
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- its procedure and parameterization in load runner-up.

Parameterization in Load Runner-up

- Learn how to manage project scope
- test plan and strategy
- high level requirements
- traceability matrix
- functional and non-functional requirements
- test cases
- scenarios
- execution
- defect tracking,
- testing techniques
- test script