Manual Testing

Course description

Manual Testing is the traditional and most rigorous form of software testing. This process requires a seasoned professional to manually check and perform tests on the software or application without automation. It is carried out before a software application hits the market so as to ensure that the product/software fulfils its intended purpose without any hassles. This Manual Testing Training program course is designed for those who want to perform in-depth software testing without any knowledge of automation tools. Testers using this technique conduct intensive tests, explore bugs and report them while trying to make the software application as bug free as possible. On completing this course an individual will be able to analyze and predict future bugs while also being able to rectify them.

Student Take away
- Study Material
- Learning stuff
- Sample project for practice

Manual Testing with Project Based Study Online Training Curriculum

Manual Testing concepts

SQA
- Introduction
- BRS
- SRS
- Review
- HLD
- LLD
- Pro-type
- Build
- Kick off meeting
- verification
- Validation

Software Environment
- Test setup
- Test bed
- 1-tier
- 2- tier
- 3-tier
- N-tier

SDLC models
- SDLC
- Waterfall model
- V model
- Pro-type model
- Spiral model
- Agile model (With real time examples and explanations)

Test design techniques

- Black box testing
- Equivalence partitioning
- Boundary value Analysis
- Decision table testing
- State transition testing
- Use case testing

White box testing
- Statement testing and coverage
- Decision testing
- Other structure based techniques
- Condition coverage
- Multi condition coverage

Grey box testing

Experience based testing
- Error guessing
- Exploratory testing

Test levels
- Unit testing
- Integration testing
- System testing
- Acceptance testing

STLC and Bug life cycle

Test Documentation
- Test Plan
- Test Strategy
- Test Approach
- Test Scenarios
- Test Case template
- Bug Report
- Test metrics
- Test Summary Document

Testing Types

- Formal testing
- Informal testing
- Quality Standards

➢ **Real time project guidance**

➢ **Interview guidance**