

Mobile Application Testing

Software Testing Concepts (Manual Testing)

- ✓ SDLC (Software Development Life Cycle)
- ✓ Types of Testing
- ✓ Software Development Models
- ✓ STLC (Software Testing Life Cycle)

Test Strategies for Mobile Device Applications

Types of Mobile Applications Testing

- ✓ Functional Testing
- ✓ Compatibility Testing
- ✓ Performance Testing
- ✓ Stress Testing
- ✓ Memory Leakage Testing
- ✓ Interrupt Testing
- ✓ Usability Testing
- ✓ Installation/Un – installation Testing
- ✓ Certification Testing

User Interface Testing

- ✓ Screen Orientation/Resolution
- ✓ Version's Compatibility Testing
- ✓ Touch Screens
- ✓ Trackballs, Track Wheels and Touchpad's
- ✓ Soft Keyboards
- ✓ Hard Keys
- ✓ Shortcuts

External Factors Testing

- ✓ Network Connections
- ✓ SD Card Interactions
- ✓ Phone calls and Other Interruptions
- ✓ Device Options

API/Web Services for Mobile Apps Security Testing

- ✓ General Considerations
- ✓ Web Applications
- ✓ Sensitive Information
- ✓ Application and Device Permissions

Testing with Emulators

- ✓ Challenges in Device and Emulators

Challenges in Mobile Applications

- ✓ Environment
- ✓ Application
- ✓ Users
- ✓ Device
- ✓ Network
- ✓ Automation