



# Mobile Application Testing Training Course Content

## Software Testing Concepts

- What is Software Testing?
- Types of Software Testing
- SDLC and STLC
- Verification Validation
- Test Case Designing

## Mobile Application Software Overview

- Overview Mobile OS and Platforms
- Types Of Mobile Application
- Overview on Mobile testing (Android / iPhone / Blackberry)
- Mobile Web Testing Guidelines and Approach
- Scope of Mobile Application Testing

## Android Application Testing

- Android OS Versions and Features
- Android Device Fragmentation
- Choosing devices for Testing
- Android Environment Set Up
- Introduction to DDMS
- Capturing logs
- Installing Android App
- Android Testing Criteria
- Android Market(Play Store) Submission Process

## iPhone Application Testing

- Generations of Apple devices
- Human Interface Guidelines
- Software Requirements
- Installing Apple Apps

- What is UDID, Importance of Provisioning Profile
- Apple Submission Process
- Apple Review Process

### **Mobile Testing Generics**

- Network Related Testing
- Battery Consumption Testing
- Interruption Testing(Call Handling,SMS)
- Verifying Memory usage by app
- Testing on different types of devices
- Testing on different types of devices
- Stress Testing

### **Remote Device Services**

- Overview:- Cloud based Mobile Testing Solutions
- Introduction to Device Anywhere
- Perfecto Mobile
- Nokia RDA

### **Mobile Testing Utilities**

- Screenshots capturing tools
- UDID Finders
- Memory Usage Tools
- File Explorers in Android
- Stress Testing Tools
- Unit Testing Tool for iphone
- Log Collectors

### **Mobile Testing Automation Tool**

- Different Mobile Automation Tools
- Introduction to Monkey Talk
- Introduction to Robotium



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