

Mobile Testing Course Content

Overview of the Mobile Testing

- ❖ Mobile Testing
- ❖ Introduction to Mobile Testing
- ❖ What is Mobile testing all about?
- ❖ Why is it required?
- ❖ Terminologies used in Telecom Industry
- ❖ Knowing about Mobile OS/Platform
- ❖ Introduction to market stores
- ❖ Android Market Store(Google Play)
- ❖ iOS Market Store(App Store)

Setting up an Android Emulator on PC

- ❖ Android OS Versions and Features
- ❖ What is emulator?
- ❖ What is a simulator?
- ❖ Difference between emulator and simulator?
- ❖ How to install an emulator?
- ❖ How to launch first app on emulator?
- ❖ Install a real time application on emulator
- ❖ Different ways to install applications in to the device

Testing in Mobile Domain

- ❖ Mobile Application Testing
- ❖ Use of test automation
- ❖ Use of emulators and actual devices
- ❖ Testing for mobile environment and application complexity
- ❖ Mobile Handset Testing
- ❖ Mobile Website Testing
- ❖ Native App vs. Mobile Web App

Test cases and general scenarios for mobile application

- ❖ Remote Device Services
- ❖ Samsung Remote Test lab

Types of Mobile Apps Testing

- ❖ User Interface Testing
- ❖ Functional Testing
- ❖ Usability Testing
- ❖ Laboratory Testing
- ❖ Interrupt Testing
- ❖ Certification Testing
- ❖ Performance and Stress Testing
- ❖ Memory Leakage Testing:
- ❖ Installation testing:
- ❖ Factory testing:

Unique Challenges in Mobile Testing

- ❖ Mobile context
- ❖ Connectivity
- ❖ Small screen size
- ❖ Different Display Resolutions
- ❖ Limited Processing Capability and Power
- ❖ Data Entry Methods

Introduction to Mobile Test Automation

- ❖ Different mobile automation tools
- ❖ Working on Sikuli
- ❖ Introduction to Sikuli
- ❖ Key Features
- ❖ How to install Sikuli?
- ❖ How did Sikuli work?
- ❖ Run Sikuli from command line
- ❖ Advantages and Limitations
- ❖ Create unit

Create Unit Testing Scripts for GUI