

Mobile Testing Course Content

<p>Overview of the Mobile Testing</p> <ul style="list-style-type: none"> ❖ 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) <p>Setting up an Android Emulator on PC</p> <ul style="list-style-type: none"> ❖ 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 <p>Testing in Mobile Domain</p> <ul style="list-style-type: none"> ❖ 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 <p>Test cases and general scenarios for mobile application</p> <ul style="list-style-type: none"> ❖ Remote Device Services ❖ Samsung Remote Test lab <p>Types of Mobile Apps Testing</p> <ul style="list-style-type: none"> ❖ User Interface Testing ❖ Functional Testing ❖ Usability Testing ❖ Laboratory Testing ❖ Interrupt Testing ❖ Certification Testing ❖ Performance and Stress Testing ❖ Memory Leakage Testing: ❖ Installation testing: ❖ Factory testing: <p>Unique Challenges in Mobile Testing</p> <ul style="list-style-type: none"> ❖ Mobile context ❖ Connectivity ❖ Small screen size ❖ Different Display Resolutions ❖ Limited Processing Capability and Power ❖ Data Entry Methods 	<p>Introduction to Mobile Test Automation</p> <ul style="list-style-type: none"> ❖ 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 <p>Create Unit Testing Scripts for GUI</p>
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