

iSQI CMAP® Mobile App Testing - Foundation Level



Background:

Millions of global users rely on mobile applications to manage a range of increasingly varied tasks. It is imperative that IT professionals remain up to date with the latest advancements in mobile technology in order to recognise the ever-changing impacts on testing, security and performance. This tutor-led course is carried out over two days based on the iSQI syllabus and materials. Delegates on this course will receive an introduction and broad understanding of the concepts of Mobile App Testing through a variety of exercises and examples.

Who should attend:

- ✓ Test Analysts
- ✓ Test Managers
- ✓ Testers with an Interest in Mobile Device/App Testing

Objectives:

- ✓ Build upon existing testing experience and knowledge to test mobile applications
- ✓ Identify and apply appropriate methods for testing of characteristics unique to mobile technology
- ✓ Apply appropriate techniques for testing in a mobile application project
- ✓ Identify and use the appropriate tools to assist in mobile application testing, including emulators and simulators
- ✓ Assist the mobile application team in identifying potential test automation activities and the corresponding tools
- ✓ Assist with identifying the requirements for a test lab when carrying out mobile app testing

Exam Details:

The exam is included within the course and comprises of a one-hour multiple-choice exam. This will take place on day two of the course. To successfully pass the exam, delegates must achieve a 65% grade.

Prerequisite:

Please note that the ISTQB Foundation Certificate is a prerequisite for this course.

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Course Content & Agenda:

Module 1: Course Introduction

Module 2: Overview of the Mobile World

- ✓ Business models in mobile space
- ✓ Overview of mobile devices
- ✓ Different types of mobile applications
- ✓ Mobile application architecture
- ✓ Development platform for mobile applications

Module 3: Mobile Application Test Types

- ✓ Challenges of mobile application testing
- ✓ Testing in the mobile space
- ✓ Emulators & simulators
- ✓ Differences in mobile & conventional application testing
- ✓ Mobile testing types

Module 4: Mobile Application Test Processes and Techniques

- ✓ Mobile application test process and strategy
- ✓ Test design techniques used for mobile testing
- ✓ Experience-based testing techniques

Module 5: Tools and Automation

- ✓ Automation approaches
- ✓ Automation solutions
- ✓ Automation process
- ✓ Exploring mobile automation tools
- ✓ Test environment and test lab

Contact Us



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