PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: ISTQB® Mobile App Tester	**Course Duration**: 2.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: ISTQB® Mobile App Tester Certificate	

Course Syllabus

After our ISTQB® Mobile App Tester training course, you should be able to demonstrate their skills in the following areas:

- Describe how available mobile analytics data can be used as input for the test strategy and the test plan.
- Distinguish between various business models for mobile applications.
- Recall different types of mobile devices.
- Distinguish between different types of mobile applications.
- Distinguish between general architecture types of mobile applications.
- Apply characteristics and specifics of the mobile market in preparing a test strategy.
- Give examples of the challenges associated with testing mobile applications.
- Describe how risks specific to mobile applications may be mitigated.
- Describe device-specific features and hardware which should be considered for testing.
- Prepare tests for the app's compatibility with screen sizes, aspect ratio, and screen density.
- Describe how tests can show the potential effects of device overheating on the system under test.
- Recall different test types for testing of the various input sensors used in mobile devices.
- Recall tests to be run for various input methods.
- Describe how tests can reveal user interface issues when changing screen orientation.
- Prepare tests for an app using typical mobile device interrupts.
- Prepare tests for changing the access permissions to the device features requested by the app.
- Prepare tests to verify the impact of an app on a device's power consumption and the impact of its power state on the app.
- Prepare tests for the handling of notifications by the system under test.
- Describe how tests can verify correct functionality of quick-access links.
- Prepare tests for the impact on an app of the user preference settings provided by an operating system.
- Distinguish between different tests required for native, web and hybrid applications.
- Recall tests required for apps which are available on multiple platforms or operating system versions.
- Recall tests required for co-existence and interoperability with other apps.
- Summarise the tests for connectivity testing, including those across networks, when using Bluetooth and when switching to flight mode.
- Prepare Installability tests for mobile apps.
- Prepare stress tests for mobile apps.
- Give examples of security issues related to mobile apps.
- Recall time and resource behaviour considerations for mobile apps.
- Prepare usability tests for mobile apps.
- Recognise the type of tests required for database testing of mobile apps.
- Summarise the tests required for internationalisation (globalisation) and localisation testing of mobile apps.
- Summarise the need for accessibility testing in mobile application testing.

Course Overview

Our two-day ISTQB® Mobile App Tester training course is intended for professionals who are working with mobile technology.

Our ISTQB® Mobile App Tester training course provides an insight into methods, techniques and tools a professional may use to test mobile applications.

It is also for professionals who are planning to start implementing mobile projects or are working within companies that plan to do so.

Course Learning Outcomes

After our ISTQB® Mobile App Tester training course, you should be able to demonstrate the following business-based outcomes:

- Understand and review business and technology drivers for mobile apps in order to create a test strategy
- Identify and understand the key challenges, risks and expectations associated with testing a mobile application
- Apply test types and levels specific to mobile applications
- Apply common test types, such as those mentioned in ISTQB® Certified Tester Foundation Level syllabus 2018, in the mobile specific context
- Carry out the activities required specifically for mobile application testing as part of the main activities of the ISTQB® test process
- Identify and use suitable environments and appropriate tools for mobile application testing
- Understand methods and tools specifically to support mobile application test automation

Audience

Our ISTQB® Mobile App Tester training course is aimed at anyone involved in software testing who wishes to broaden their knowledge of Mobile Application Testing or anyone who wishes to start a specialist career in Mobile Application Testing.

Entry-Level Requirements

The entry-level requirement for our ISTQB® Mobile App Tester training course is that you must hold the ISTQB® Foundation certificate.

Recommended Reading

There is no recommended reading associated with our ISTQB® Mobile App Tester training course.

What's Included

Our ISTQB® Mobile App Tester training course includes the following:

- Full Course Materials
- ISTQB® Mobile App Tester Exam

Exam Information

ISTQB® Mobile App Tester Exam:

The Mobile Application Testing Foundation Level exam is multiple choice. There are 40 questions. To pass the exam, at least 65% of the questions (i.e., 26 questions) must be answered correctly. Hands-on objectives and exercises will not be examined.

What's Next

Whenever you are ready for the next step in certification, here are the most common follow on courses after the ISTQB® Mobile App Tester training course.

- ISTQB® Foundation
- ISTQB® Advanced Technical Test Analyst
- ISTQB® Advanced Test Manager
- Combined ISTQB® Foundation & Agile Foundation Extension
- ISTQB® Foundation Agile Extension
- ISTQB® Advanced Test Automation Engineer
- ISTQB® Advanced Agile Technical Tester
- ISTQB® Acceptance Tester
- ISTQB® Advanced Security Tester
- ISTQB® Model Based Tester

Additional Information

Founded in 2002, ISTQB® (International Software Testing Qualifications Board) is a not-for-profit association comprising 47 national boards (including the UKTB) covering 71 countries worldwide.

ISTQB® has defined the Advanced certification as part of their ‘Certified Tester’ scheme that, with over 240,000 certifications, has become the de-facto worldwide standard for software testing qualifications.