

Course Overview

A mobile app is a software application designed to run on mobile devices such as smartphones and tablet computers. Most such devices are sold with several apps bundled as pre-installed software, such as a web browser, email client, calendar, and an app for buying music or other media. Mobile applications are becoming part of our everyday lives and many organizations are developing applications to run on mobile devices to complement their desktop applications.

This 3-day course will give the Mobile Tester the knowledge skills needed to test mobile applications and to understand the differences and similarities in testing mobile applications to conventional applications. Also explained are the differences between native, web and hybrid applications.

Course Content

The course is highly practical, addressing the following areas:

- **Introduction to Mobile Testing:** This section looks at what mobile apps are and the challenges that the tester faces when testing native, web and hybrid apps. It provides explanation of the necessary skills and equipment that are required to test mobile applications.
- **Test Planning and Design for Mobile Apps:** This section focuses on how we should plan and design tests for mobile applications, assessing coverage goals and determining the test approach for each mobile project. You will learn how quality risks differ in mobile projects and the type of risks to identify early in the lifecycle.
- **Quality Characteristics for Mobile Testing:** Functional testing is important in all applications including, mobile apps. Specific tests to consider include testing for correctness, accuracy, security, and interoperability. Non-functional testing for mobile applications becomes even more important. Testing characteristics such as performance, usability, portability, and reliability will be discussed.
- **Environments and Tools for Mobile Testing:** There are many tools available to specifically assist with the testing of mobile apps/ devices and these will be applied. Generic tools might also be applicable depending on the type of environment being used; real devices, simulators, emulators, and the cloud.
- **Future-Proofing:** Mobile devices have become part of everyday life whether it be smartphones, tablets or wearable devices. The future for mobile applications is only going to grow and expectations from customers are becoming higher. Testing needs to consider the future, having a good testing architecture, which allows future growth and efficient maintenance.

INTENDED AUDIENCE

This course is aimed at anyone wishing to attain the ISTQB Mobile Tester qualification. This qualification builds upon the Foundation syllabus and provides essential skills for all mobile testers.

COURSE DURATION

The course is presented by an experienced software testing practitioner. The course duration is three days with an exam.

TRAINING STYLE

The course is conducted in a virtual classroom style. Candidates use practical tasks to layer theoretical concepts. Comprehensive and accredited course materials, certification and assessment. Comprehensive course notes are provided. Candidates will be given exercises, practice exams and learning aids to assist in preparation for the final exam.

TRAINING VENUES

iLAB Training is virtually presented globally.

The Exam

This course will provide the candidate with the necessary knowledge and skills to sit the ISTQB Certified Mobile Tester – Foundation Level Certificate multiple-choice exam. Candidates will register for the examination at the end of the course.

Information about the certification can be found on the International Software Testing Qualifications Board (ISTQB) website: <http://www.istqb.org/>

Course Prerequisites

It is recommended that attendees hold the ISTQB Foundation Level certificate, especially if they intend to take the ISTQB Mobile Tester exam, but non-certificate holders can benefit from the course and take the exam.

Elevate your software testing skills at the iLAB Training Center.

As the leader in independent software quality assurance and testing for over two decades, our training has helped thousands of testers and managers launch their careers into the next level! We offer a wide variety of courses at initial, intermediate and advanced levels. Our courses range from one to five days in duration and, depending on the facilities and number of candidates, can be arranged at your location.