

Mobile App Testing - A Quick Guide

(Link to Appium Workshop in Captions)

Types Of Mobile App Testing

Let's see, how many testing types are involved in *Mobile App Testing*.



Mobile App Testing

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Mobile App Testing Tools

Let's see, how many testing tools are involved in Mobile App Testing.

TOP 10 Mobile Testing Tools



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Areas to Focus on in Mobile Testing App Testing

- Installation / de-installation / update process.
- Location & VPN.
- Data synchronization.
- Interruptions of the application by calls, messages, etc.
- An ability to run the app in the background.
- Payment gateway.
- Communication (chat, audio, video).
- Touchscreen (tap, swipe, pull, shake, pinch).
- Voice commands.



Android App Testing vs iOS App Testing

Android is represented by a vast variety of devices and OS versions. Their combinations are more numerous than in iOS. Thus, there is a bigger scope of work for Android device testing when it comes to cross-platform checks.

To be more specific:

- Since Android devices come with more screen sizes and resolutions, there is more room for layout issues and interface bugs. Thus, the scope of tasks for UI testing is also bigger compared to iOS.
- Android offers lots of software and hardware configurations, so again, performance and compatibility testing would require more time.



Real-Device Testing

Testing on real devices allows a QA team to ensure that an application works smoothly on various smartphones. For example, only using a real device, you can properly check:

- Colors on screens with different resolutions
- Touchscreen with all the swipes, scrolls, and taps
- Location, camera, audio, and other device-specific features
- Different software and hardware configurations
- Different software and hardware configurations

