# Becoming a Pro (II) Mobile Applications Testing







#### What Makes a Mobile App or Website...ACCESSABLE?

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Does audio and voiceover function and make sense?	Can you zoom in and out effectively?		Does the app accommodate all sizes of text?		Does the full list of touch device options work?		
How large can on- screen buttons and navigation be?	Is there voice activation or control?		Is color contrast at a sufficient accessible level?		Is it worth considering audible, visible and vibrating alerts?		
How does the app look inverted in colors? For example, white on black.		Have you ex accessibilit of the app a device you	xplored the ty features and mobile are using?	What type controls a	es of gesture are available		

#### What Makes a Mobile App or Website...Social?

Can you register as a user via the app?

Can you login via the app?

Do you remain logged in when the app is not in use? If not, how does that affect the user experience?

Does the app or website support social authentication methods? How easy is it to share media content, links, or files as well as comments and notes? How easy is it to disconnect updates and communications via the app?

Can notifications be switched off or changed?

#### What Makes a Mobile App or Website...Secure?

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	Can the app be decompiled?	How se connect cloud us	cure is the tion to the server, if sed?		Can the data in transit be intercepted and decoded?		一田です。	Is any data or temporary data that the app uses stored securely on the device?
たいですのことである	Is all app data removed when the app is uninstalled?	Is all app data emoved when the pp is uninstalled?			Does the app authenticate? How?			After an update, is my data still safe?
小さんこうないという	Should the user automatically log out after a period of time?		Can see changed devices o	cu fro r v	urity be om other websites?	nat hap er gets l	opo loc	ens if the cked out?

#### What about ... - The Product - What Are The Basics?



#### What about ... – Functional Testing – What Does it do?

### Does the app perform the designed tasks?

Does the app perform non-designed tasks?

### Is prevention of actions adequate?

Does the app ask me to turn on services? For example, location specific, Wi-Fi, and social media.

Is the UI appropriate for the form factor? For example, phone versus tablet, screen size, resolution, and existence of hardware buttons or keyboard. Is the user redirected? If so, where? From app to Web or visa versa? What do errors look like?

Does it comply with any standards, good practice and guidelines? Does the user interface (UI) and design work as intended? Is there room for misunderstanding or error?

Is the mobile app consistent with the desktop version, if it exists?

#### What about ... - Data - Testing What It Processes?



### What about : Platform – What Does it depend on?

Change the device settings around. What do you notice?

What permissions does the app need?

What tablet device is being used? What version of hardware or software?

Review app store submission requirements

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Test content.

For example, text size, content adjustment and responsive design. Test the UI and touchscreen gestures. For example, swipe, zoom, pinch, multi-touch, shake and orientation.

Test peripherals. For example, keyboards, Mi-fi devices, BT peripherals, iBeacon, and syncing peripherals.

Test Camera, if applicable. For example, taking photos, using stored photos and photo data.

How does the app run when the device is locked?

#### **Operations – How Is It Used?**



#### **How Is Data Saved?**

### Does the app write to the SD card?

What happens if the SD card is full? What happens if it is removed?

Is data saved online (in the cloud)?

If the data is saved online, can it be retrieved after reinstalling the app, or will it be available on the app on a different device with the same user account?

If the cloud is used, how does lack of connectivity affect the user experience?

What if data is lost? Are there backups?

Is the data saved securely? (See "Security" section)

#### **Interruptions?**



#### **Customer Feedback**

### What are customers saying about app?

#### App reviews

# App ratings / comments

Comments, forum posts and articles on the (social) web

Complaints and support request

# **GOOD LUCK!!!**

