TESTING CHECKLIST: HOW TO TEST A MOBILE APP



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Install app via computer link (i.e., iTunes) Install app via download Internet link (i.e., web app store)

2. EXPLORATORY TESTING

Launch application in target language Ensure that application starts up properly on launch Check that orientation is correct on launch Check for application stability Launch and close 5-10 times or more Install app in location other than default Download an update Check graphics appearing in: a) Splash/title/logo/loading screen b) Main menu and all its subsidiary menus c) Help/instructions screen(s) d) About screen e) Application pause menu and all its subsidiary menus (if present) Uninstall Install when disk is full

3. SPELLING ERRORS

The application must be free of spelling errors

A spelling error is defined as a strict misspelling of a word (no grammar or punctuation rules will be applied). Missing diacriticals and accents (e.g., acutes, cedillas, umlauts, etc.) will not be reported as spelling errors.

4. TECHNICAL TEXT ERRORS

The text in the application must be clear and readable

NOTES:			

The application *must* be free of technical text display issues such as:

a) No text cut off

b) No text overlapping

5. APPLICATION RESPONSE

The application should never leave the user in a position where the state of the application is unknown or appears to be unresponsive (i.e., may have locked up)

6. SPEED & PERFORMANCE

The application works in the device it was targeted for. It is usable on the device. The speed of the application is acceptable to the purpose of the application and must not alter the user experience by being uncontrollable

7. UNEXPECTED BEHAVIOR

The application must be able to handle unexpected user behavior - for example, erroneous actions and multiple key presses

8. CONFLICTS/INTERRUPTS

An incoming call/video call while using app

An incoming SMS while using app

Pause and launch music/movie player

Pause and launch camera

Pause (or not pause) and launch another app

Low battery when using app

Plug or unplug USB when using app

Change USB connection when using app

Close/lock screen and open when using app

Close mobile before quit app

Minimize the app to status bar and launch it

Switch to another app, then launch this app from status bar again

9. STORAGE

Disk usage Memory usage Run app for long time and check memory usage Use when disk is full

Save/load process when using	
Synchronize with computer (if applicable)	
The application must indicate whether data will be permanently deleted or offer easy reversal of	
the deletion	
Ensure updates do not corrupt current save data	
10. SIGNAL & NETWORK PERFORMANCE	
Use with 3G signal	
Use with 4G signal	
Use with LTE signal	
Use with Wi-Fi signal	
Verify Bluetooth transfer and connections (if applicable)	
Use with intermittent signal	
Use under weak/no signal (such as in high-speed car, basement)	
Check GPRS data usage	
Application that uses network capabilities must be	
able to handle situations where the network connection is not allowed	
Application that uses network capabilities must be	
able to handle delays and any loss of connection	
Application that uses network capabilities must be able to use the connection correctly and correctly close it	
after using it	
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11. USER INTERFACE	
Check all function keys on mobile for both touch screen	
and keyboard	
Check UI consistency	
From very small to tablet-size screens, check UI for incorrect handling of components	
When zooming in or out, check UI for incorrect handling	
of components Check each input method: both touch screen and keyboard	
Check 4/5 finger gesture scrolling if available	
Check swiping consistency and awareness	
Check that GameCenter feature functions if available	
Check that Facebook feature functions if available	
Check that Twitter feature functions if available	
Check that the email functions if available Check that in-app purchases functions and no errors occur	
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