UE Specification	Changelog		Author:Joren Bredman	TOL	TCL通訊科技控股有限公司	
Version: Tue Jan 24 2017	Status: draft	Filename: System Updates v7.0.4	F	Page: 1/42	ICL	TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED

Version	Date	Change	Change screen	Person
7.0.1	2016/07/01	Redesigned ergo based on 5.2.5 plus improvements. Moved to Material Design Changelog provided externally.	All screens.	Joren
7.0.3	2016/07/28	Updated engineer feedback. Added always-on release notes (if available) Removed 'recently updated'	All screens.	Joren
7.0.3	2016/08/10	Added FOTA/AOTA only feature Clarified that 'report' is for user only, reporting happens in back end	FOTA/AOTA exclusive ND1	Joren
7.0.3.1	2016/09/23	Added notification to announce new available app Added Setting to turn notification for new available app off	NI0 4.1 - Settings	Joren
7.0.3.2	2016/10/20	Updated Beta logic Added BETA entrance to settings, updated advanced mode Updated enter advanced mode style Clarified notifications in Android N style (extra page) Added App detail page	Beta pages (updated) 4.1 (settings) 5.0 (help) Android N pages (added)	Joren

UE Specification Author:Joren Bredman Index TCL通訊科技控股有限公司 TCL Page: **2/42** Version: Tue Jan 24 2017 Status: draft Filename: System Updates v7.0.4 Anns - Undating 27 Index App Entrance Homescreen System - Check auto System - Download Notification (logic) Notifications - Android N System - Check Manual 8 System - Download 9

Apps - Updating	27
Apps - Installing	28
Apps - No internet	29
Apps - Installing notification (logic)	30
Apps - Errors	31
FOTA/AOTA split	32
Beta - Secret	33
Beta - Invite	34
Beta settings	35
Beta - report a bug	36
Beta - Update	37
Beta - Downgrade	38
Beta - Updating Notification	39
Beta - Notification	40

Status: draft

Filename: System Updates v7.0.4

diffaff

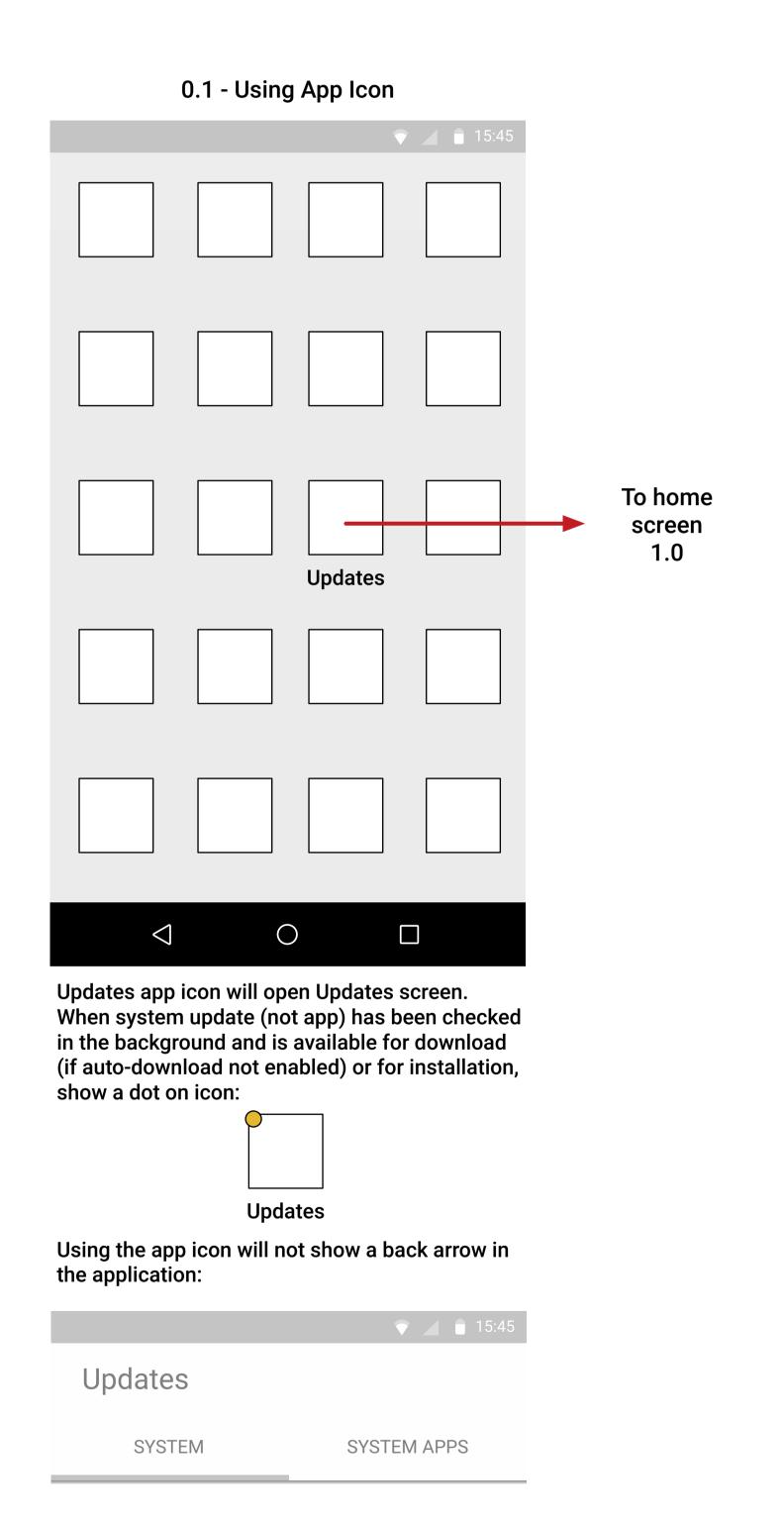
Page: **3/42**

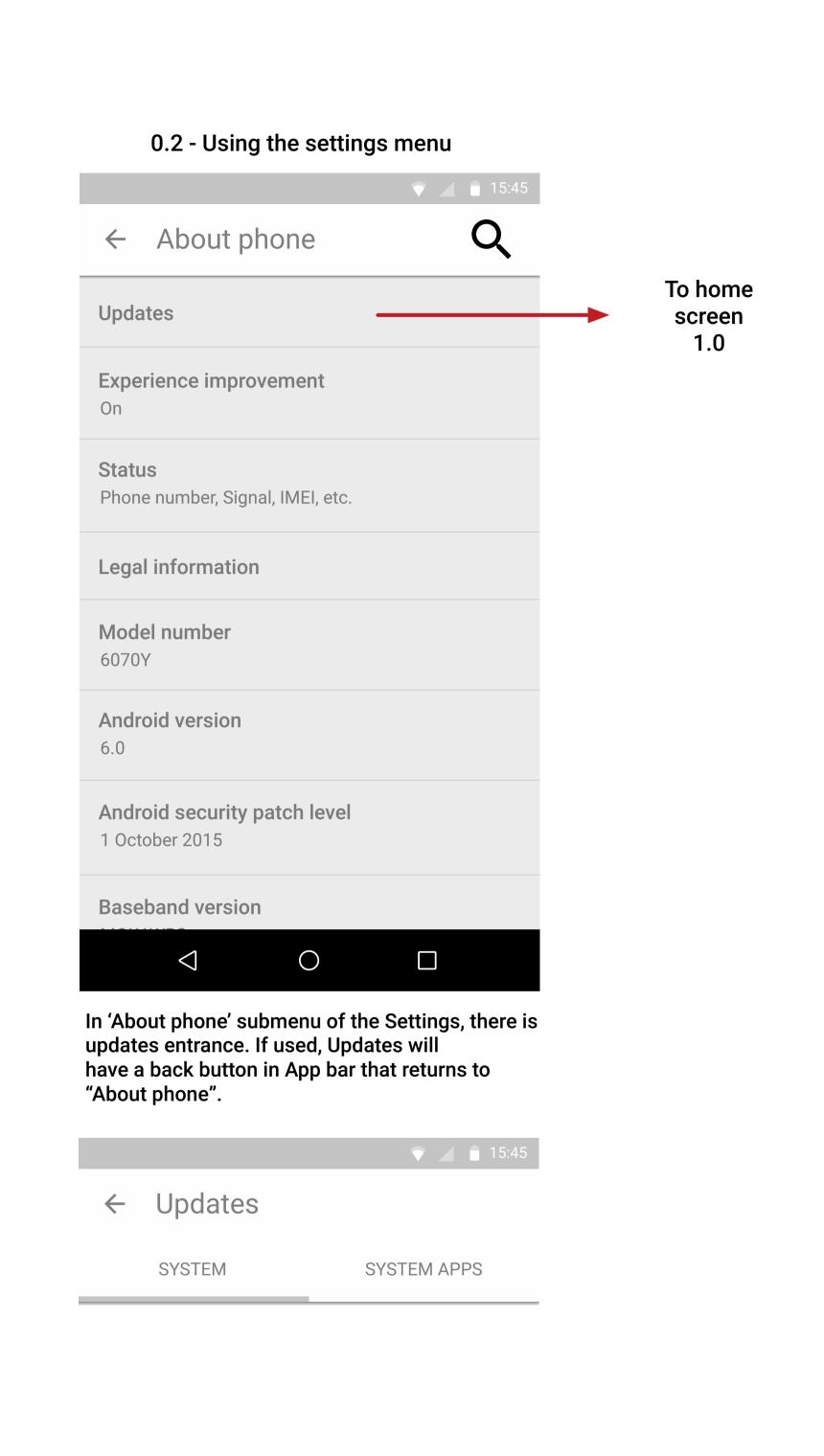
TCL

TCL通訊科技控股有限公司 TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED

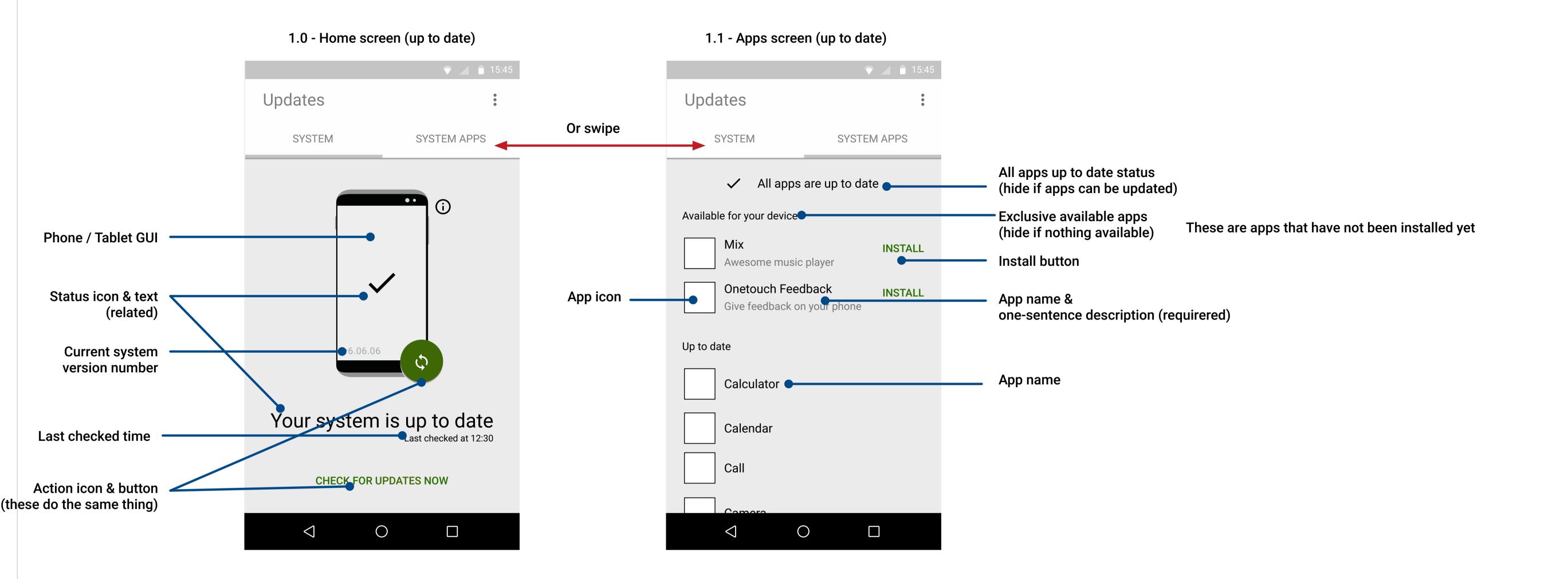
The app can be opened in two ways.

Version: Tue Jan 24 2017









Show 1.0 (System up to date) with new version number.

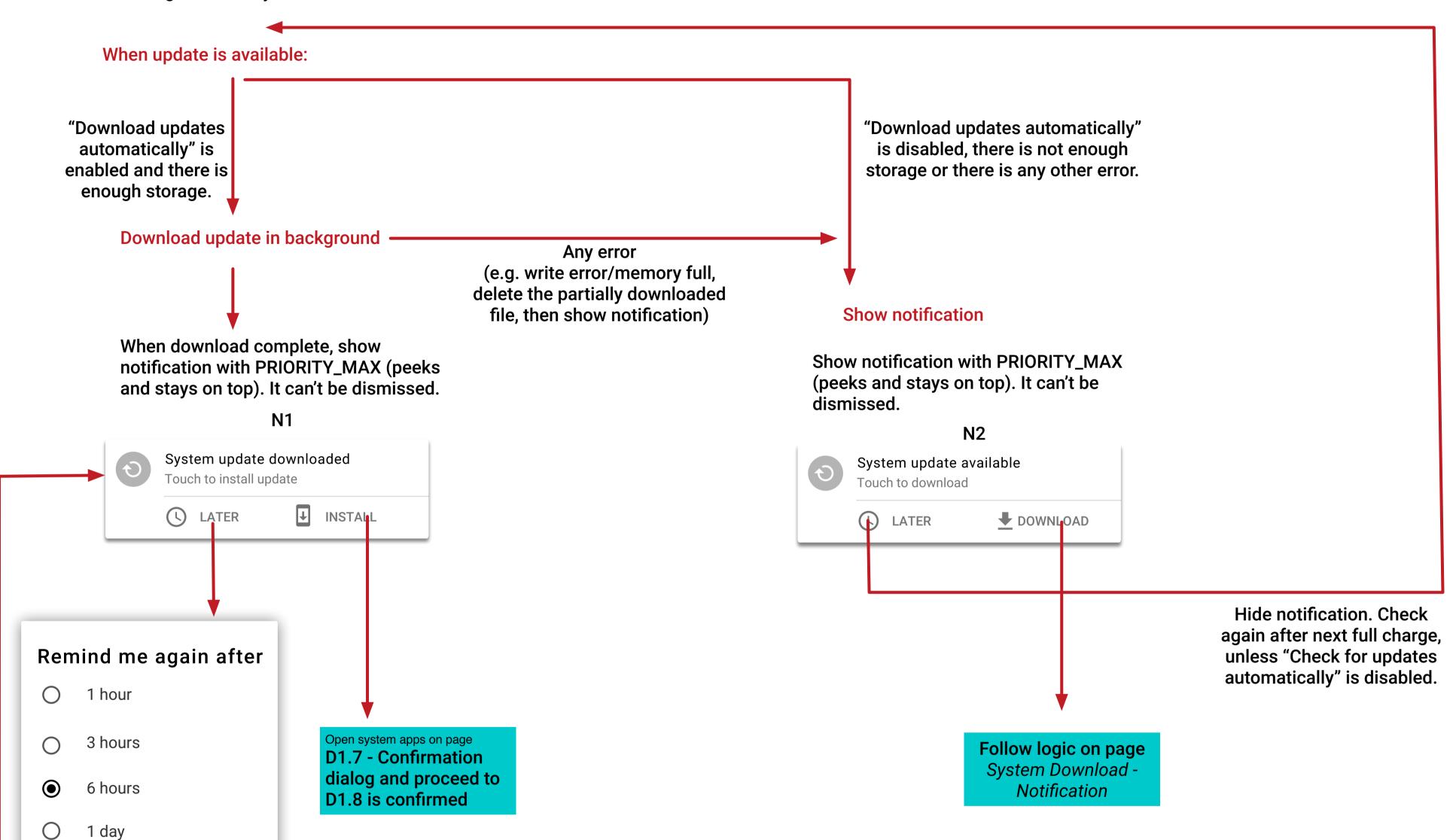
Version: Tue Jan 24 2017 Status: draft Filename: System Upda

Filename: System Updates v7.0.4 Page: 5/42



TCL通訊科技控股有限公司TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED

While "Check for updates automatically" is enabled, check for system updates daily (in background, using mobile data). If no update available, do nothing and check again next day.



Rationale: we download the update without user content. If everything succeeds, we don't bother the user. If there is any error, we don't show the user we already tried to update, and give the user the choice.

Show this notification

again according to the

selected option, unless

"Check for updates

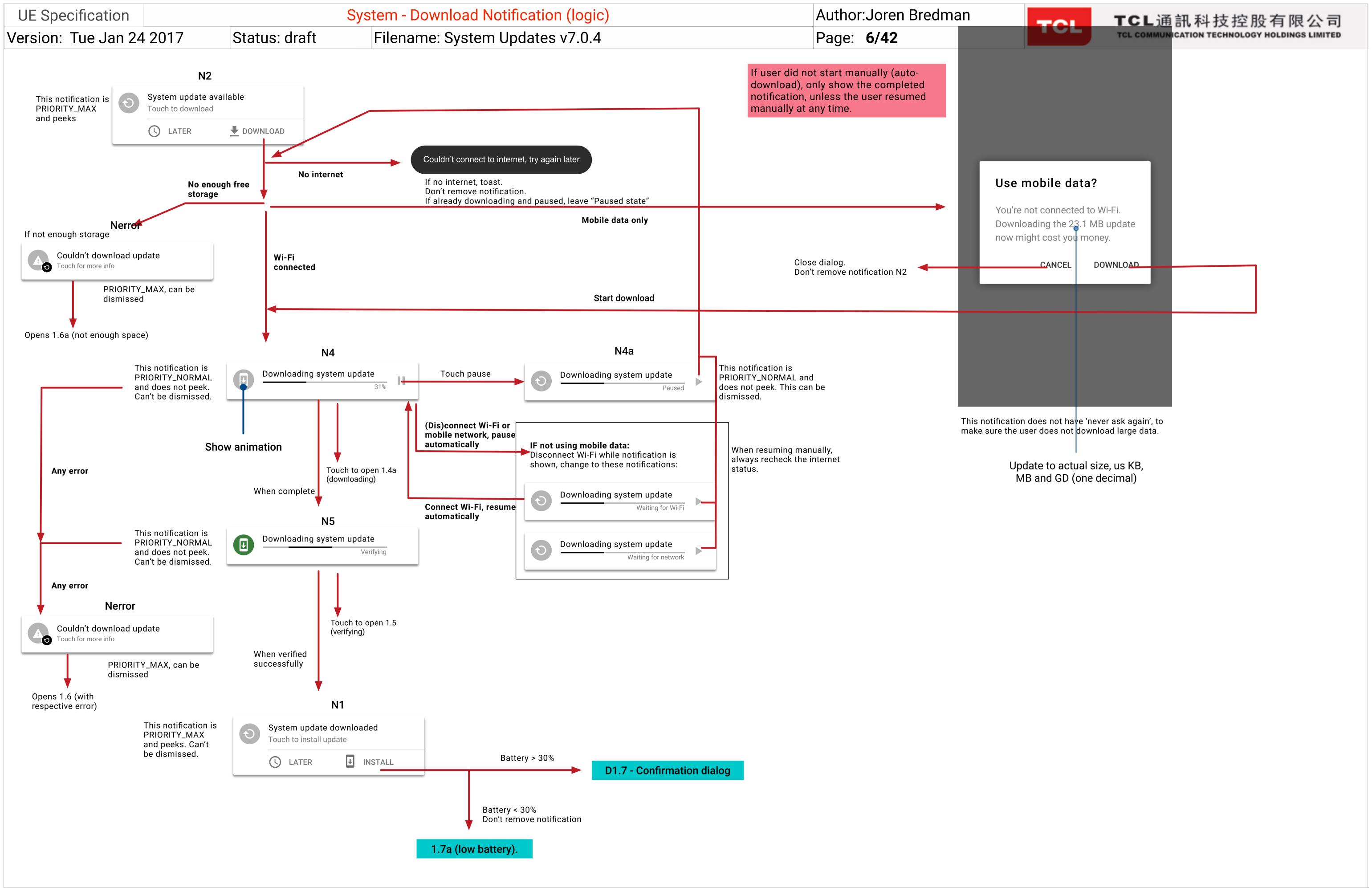
automatically" is disabled.

If dismissed by accident,

handle as if the default

option is selected.

OK



UE Specification Notifications - Android N Filename: System Updates v7.0.4 Status: draft Version: Tue Jan 24 2017 N1 (Android N) N2 (Android N) ◆ Updates - 3:41 PM
✓ ◆ Updates - 3:41 PM ∨ System update available System update downloaded Touch to install update Touch to download INSTALL LATER DOWNLOAD LATER N4 (Android N) N4a (Android N) Updates - 3:41 PM ✓ ◆ Updates - 3:41 PM ∨ Downloading system update Downloading system update 31% Paused **PAUSE** RESUME ◆ Updates - 3:41 PM ∨ N4 verifying (Android N) Downloading system update Waiting for Wi-Fi ■ Updates - 3:41 PM ∨ Downloading system update RESUME

◆ Updates - 3:41 PM 🗸

RESUME

Downloading system update

Waiting for network

Verifying

Nerror (Android N)

○ Updates - 3:41 PM

Touch for more info

Couldn't download update

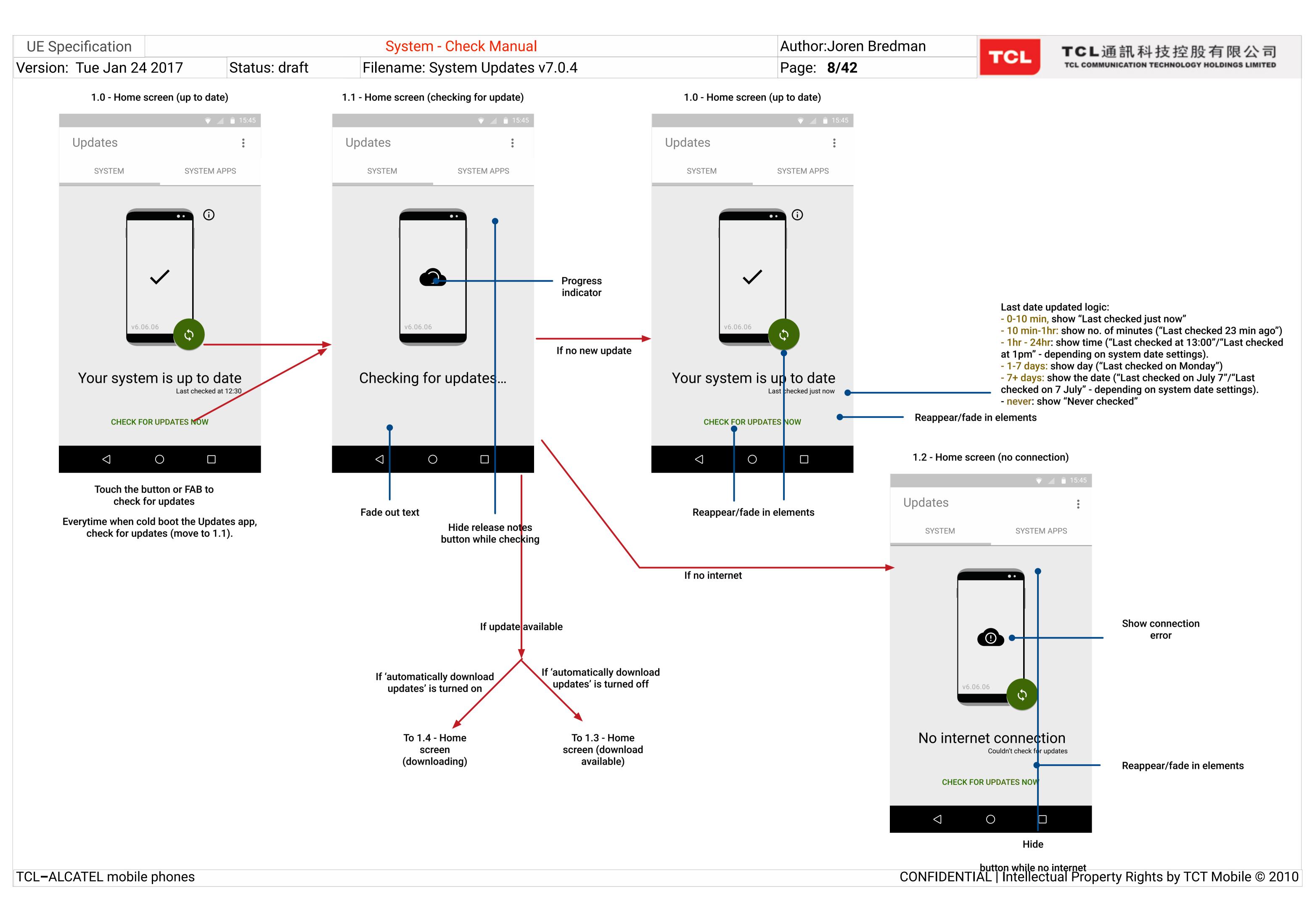
TCL通訊科技控股有限公司

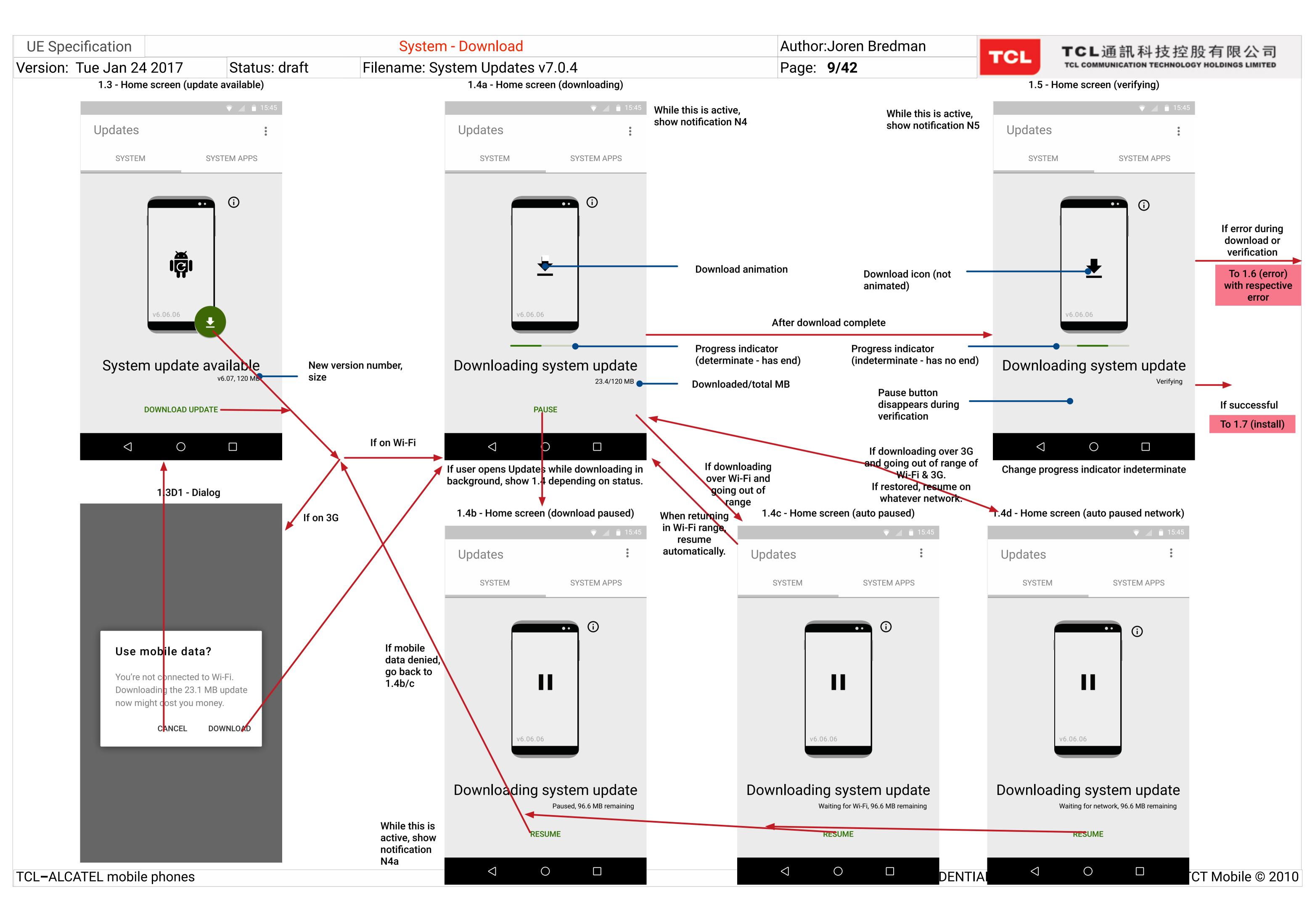
TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED

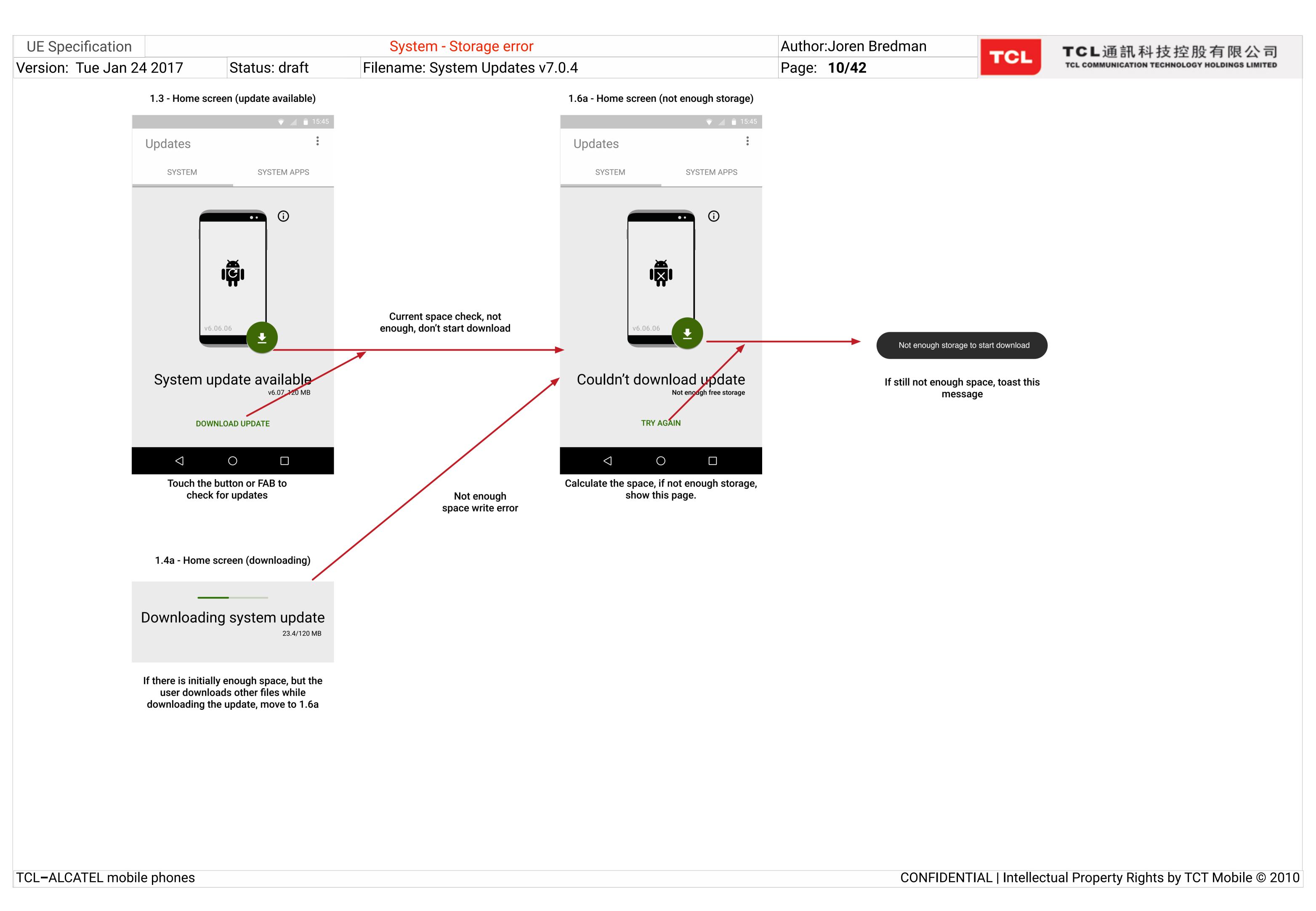
Author:Joren Bredman

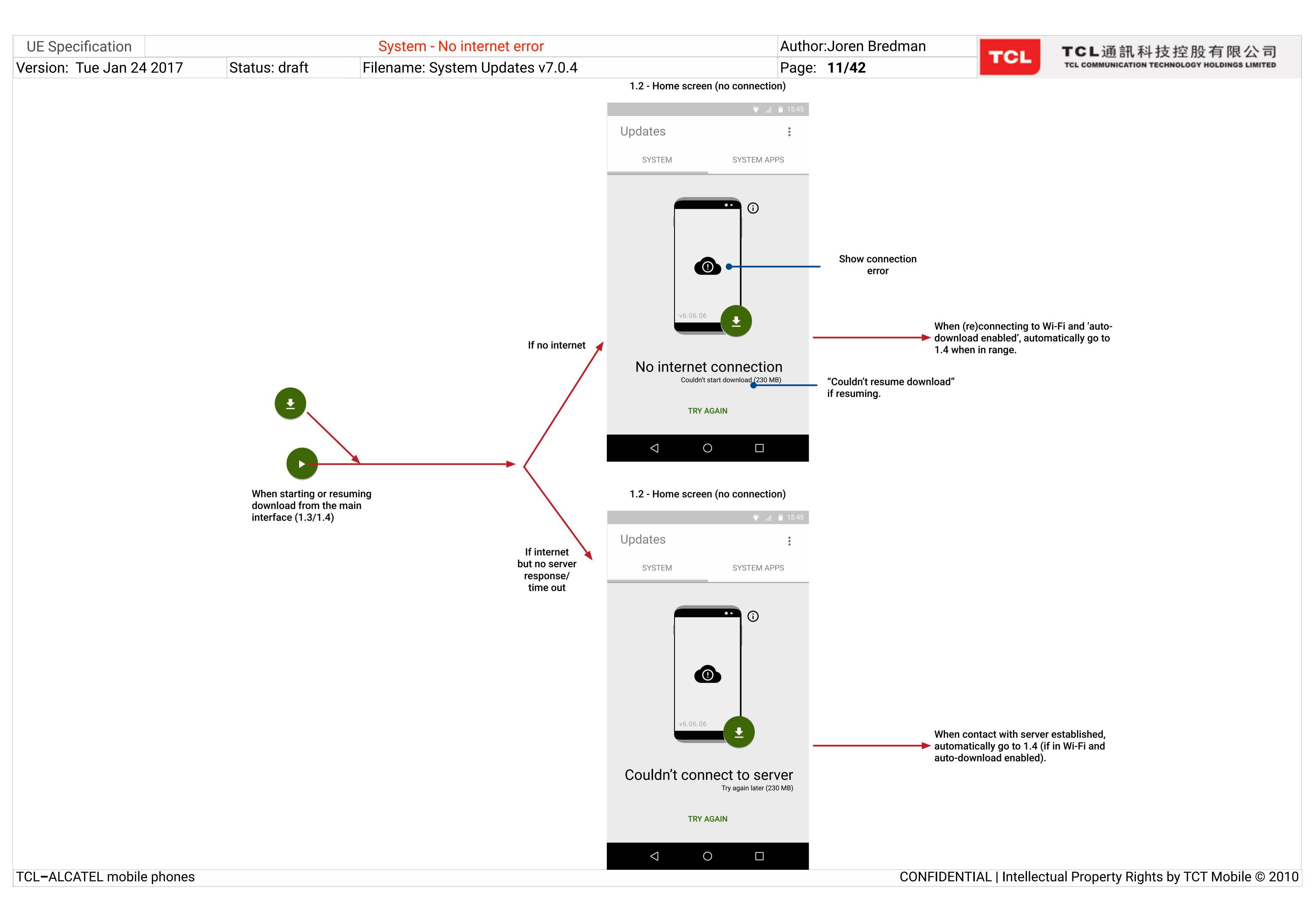
Page: **7/42**

TCL





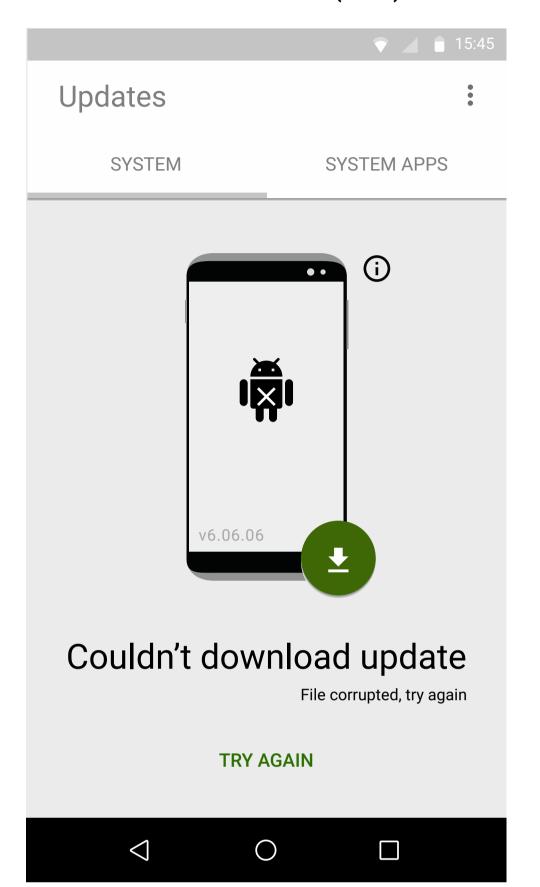




Version: Tue Jan 24 2017

Page: **12/42**

Status: draft



When downloaded, change progress indicator to non-timed indicator while verifying

TCL-ALCATEL mobile phones

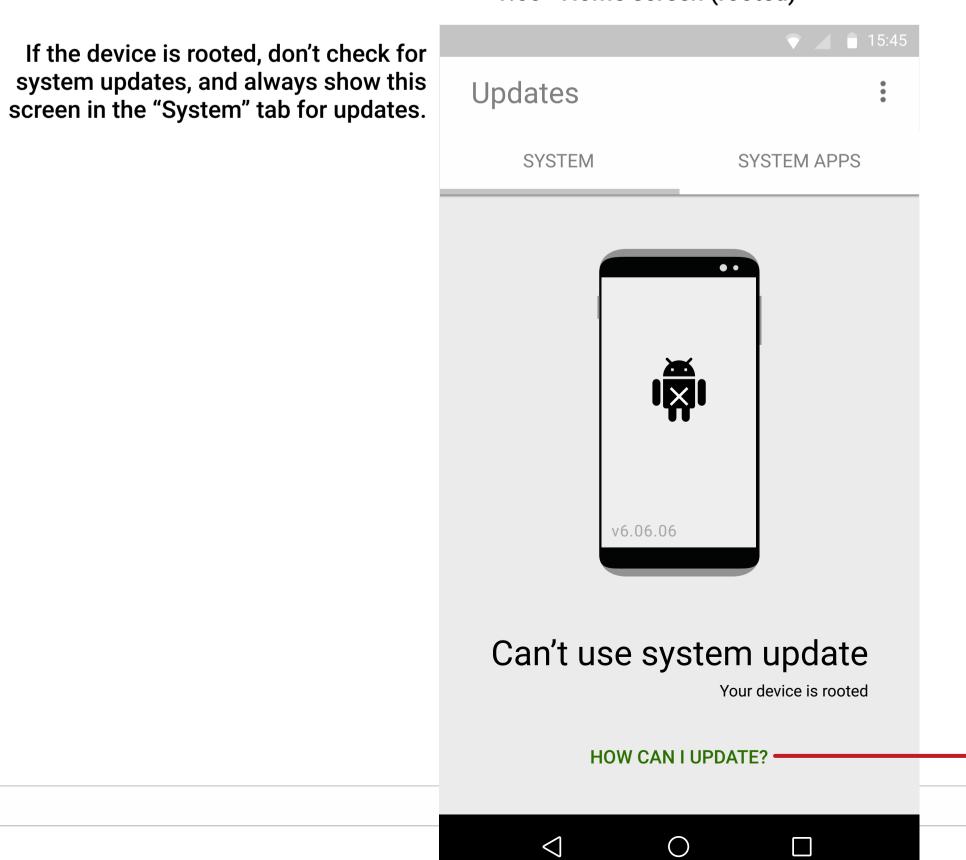
Depending on error, change subtext (underneath 'Couldn't download update):

If storage full: "Storage full, free up storage and try again."

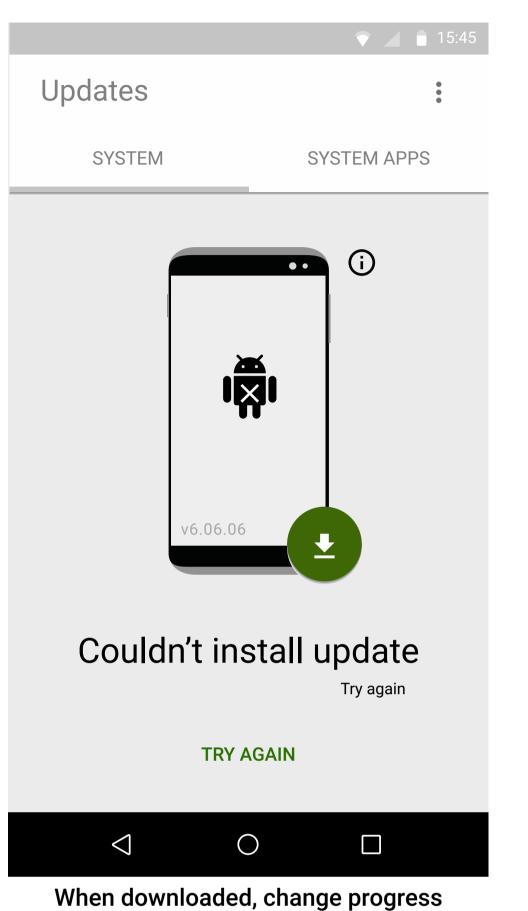
If verification failed: "File corrupted, try again".

If SD card removed "SD card removed, try again".

1.6c - Home screen (rooted)

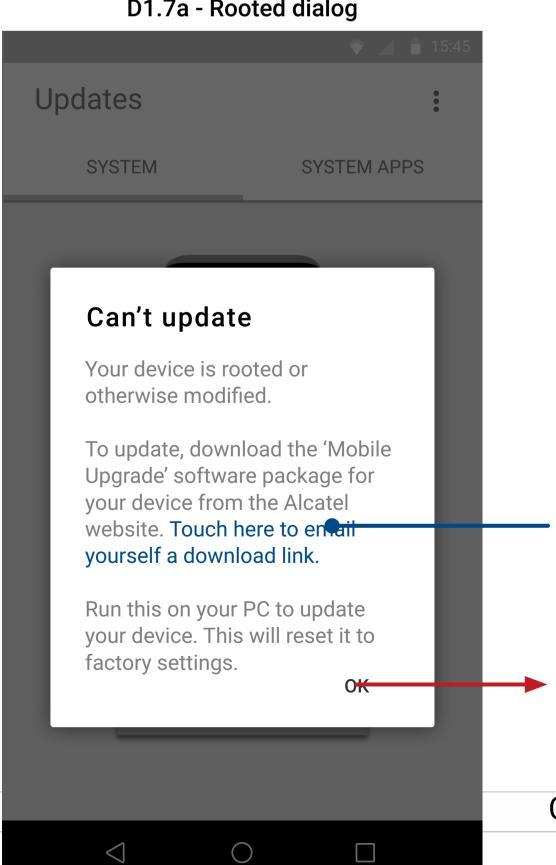


1.6b - Home screen (install error)



indicator to non-timed indicator while verifying

D1.7a - Rooted dialog



Depending on error, change subtext (underneath 'Couldn't download update):

TCL

If verification failed: "File corrupted, download again". and change button to 'DOWNLOAD AGAIN'

If SD card removed "SD card removed, download again".

Touch this to initiate an email share intent with putExtra's

- 1. If the device has an associated email address, use the primary email address for the putExtra(Intent.EXTRA_EMAIL). If it doesn't have an associated address, don't.
- 2. For the putExtra(Intent.EXTRA_SUBJECT) use: **Download location for Mobile Upgrade**
- 3. For the putExtra(intent.EXTRA_TEXT) use: To update your mobile device, download the "System Upgrade" PC package for your device on this website: http://www.alcatelonetouch.com/global-en/support/softwareUpgrade/list

Install and run the downloaded PC package, and follow the instructions.

Using Mobile Upgrade will reset your device back to factory settings, so make sure you make a back up of your data!

ALCATEL ONETOUCH http://www.alcatelonetouch.com

Removes dialog, don't allow update.

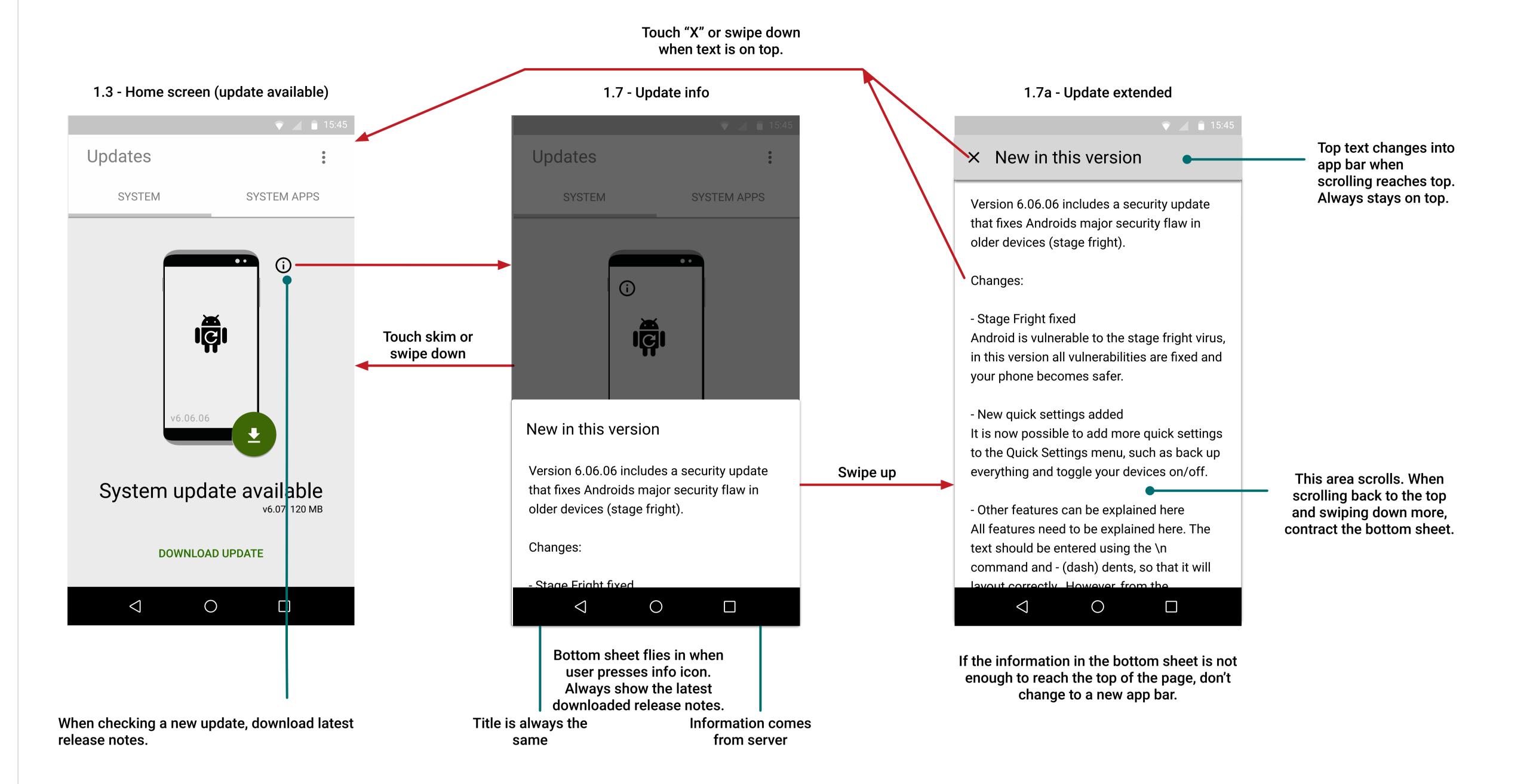
CONFIDENTIAL | Intellectual Property Rights by TCT Mobile © 2010

Version: Tue Jan 24 2017

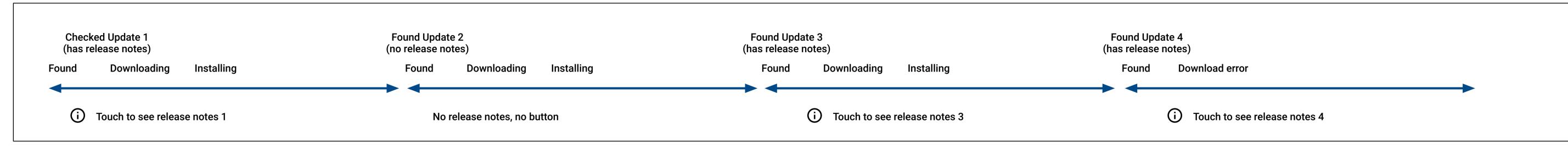
TCL通訊科技控股有限公司

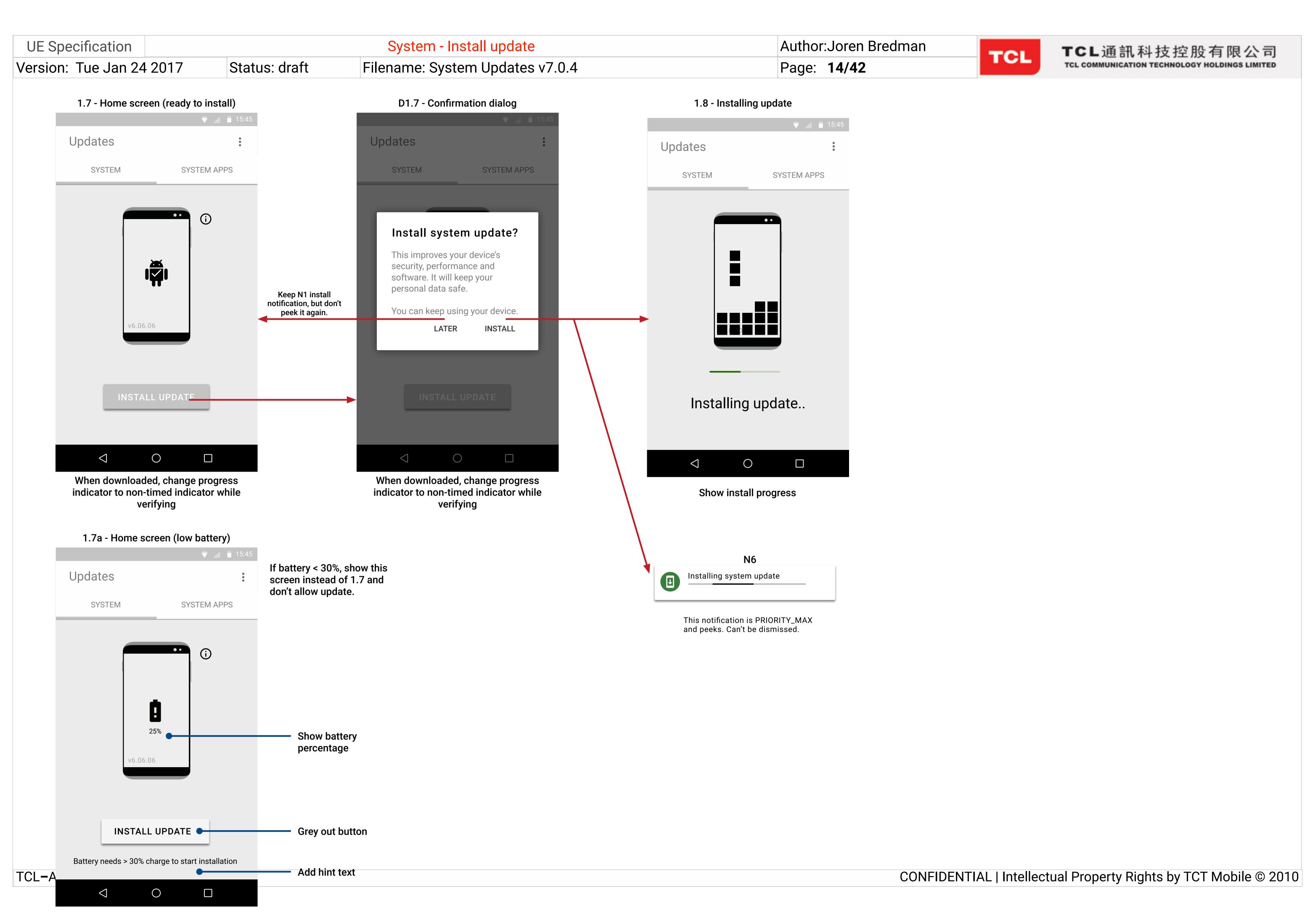
TCL

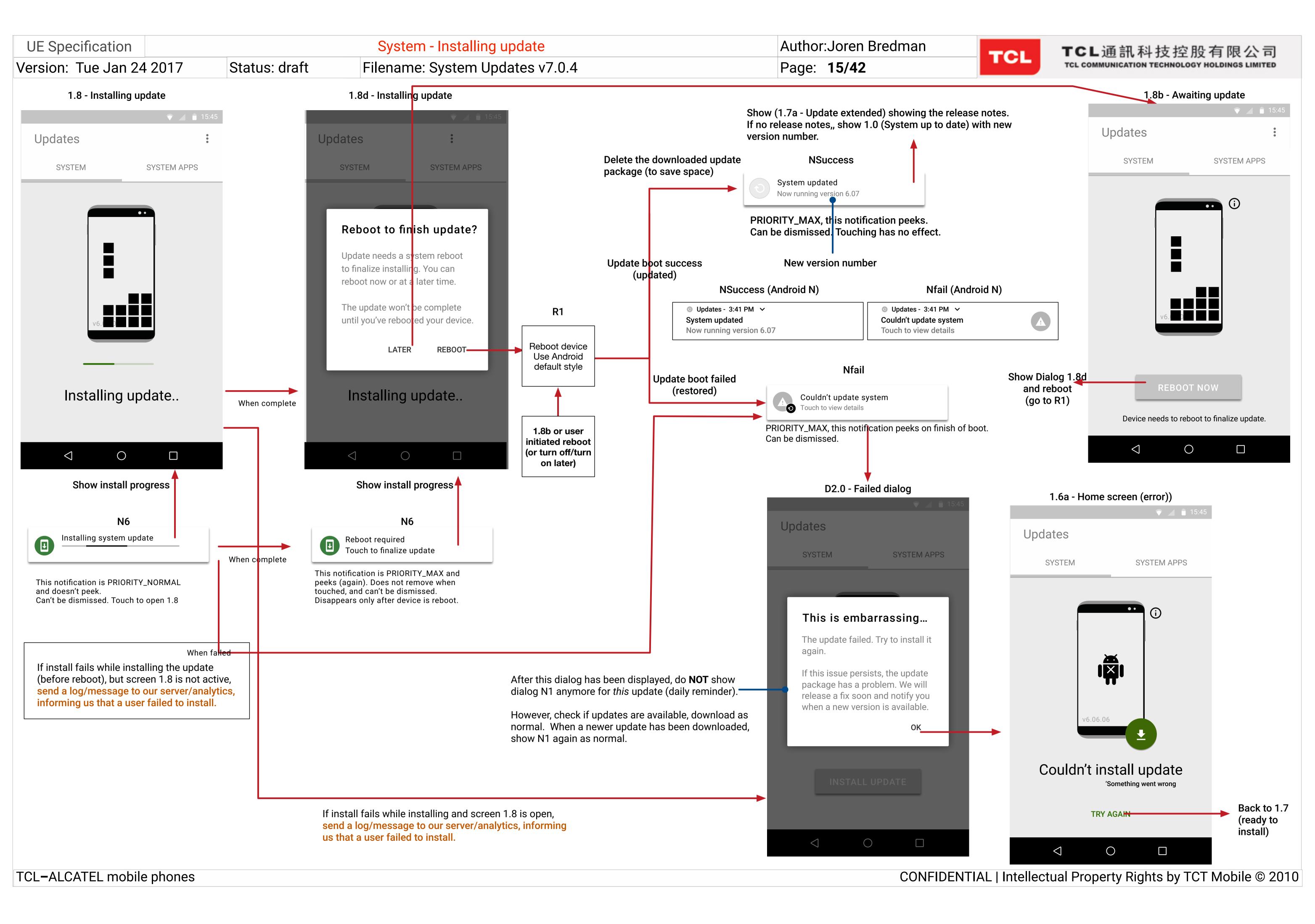


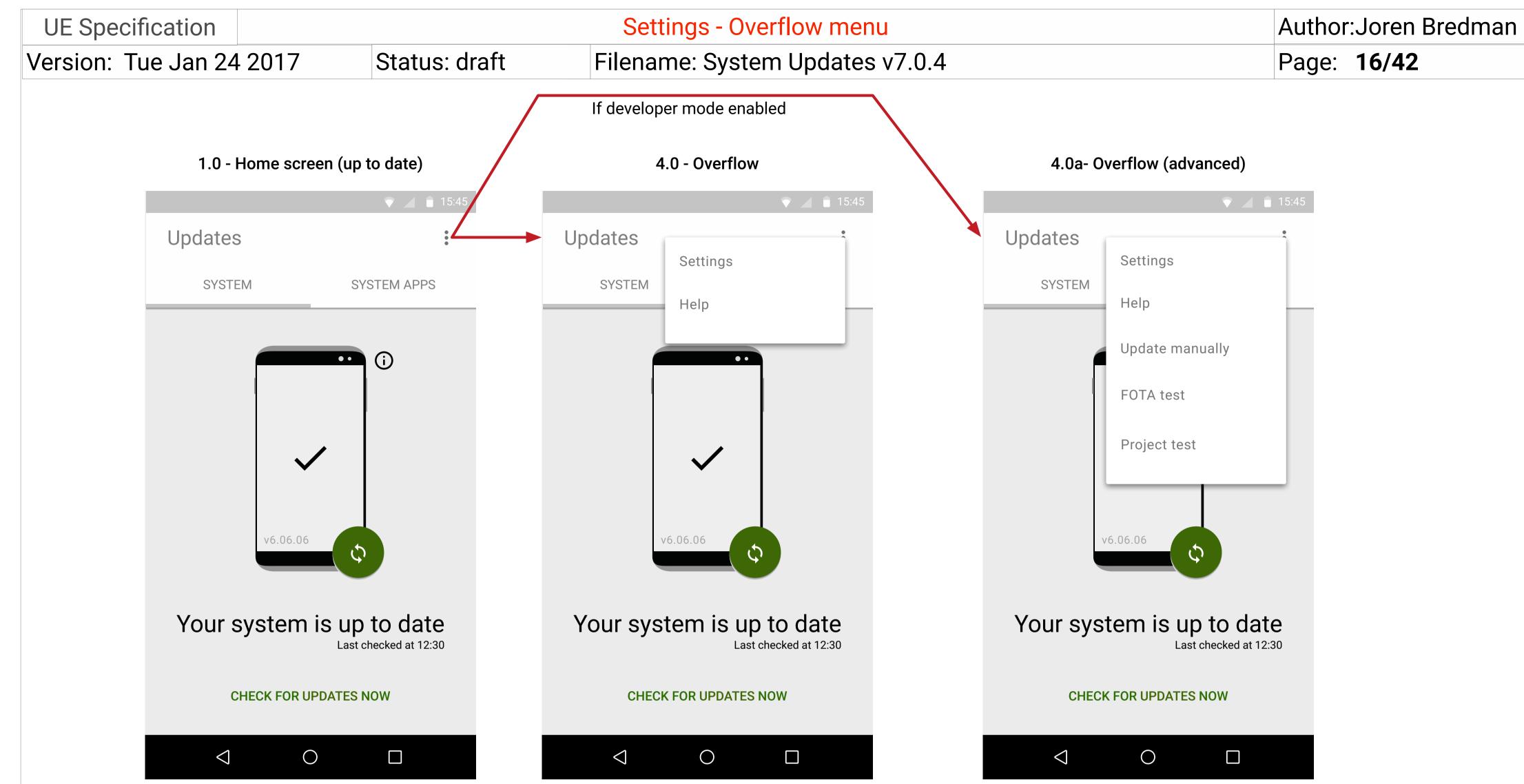


When no new release notes can be downloaded (when checking for update), hide this button until the next time new release notes are available



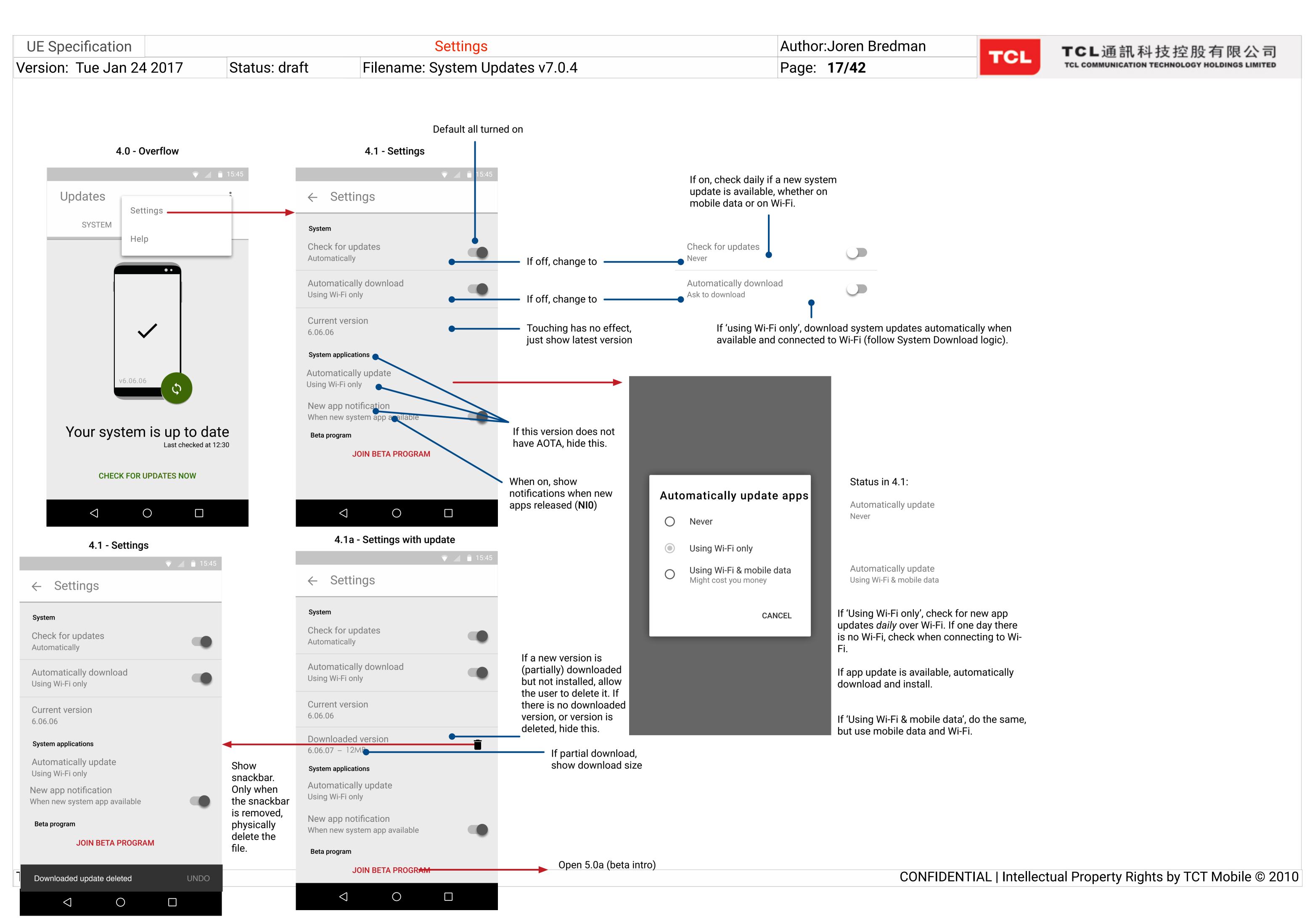






TCL通訊科技控股有限公司

TCL



UE Specification

Settings - Diagnostics

Author:Joren Bredman

Version: Tue Jan 24 2017

Status: draft

Settings - Diagnostics

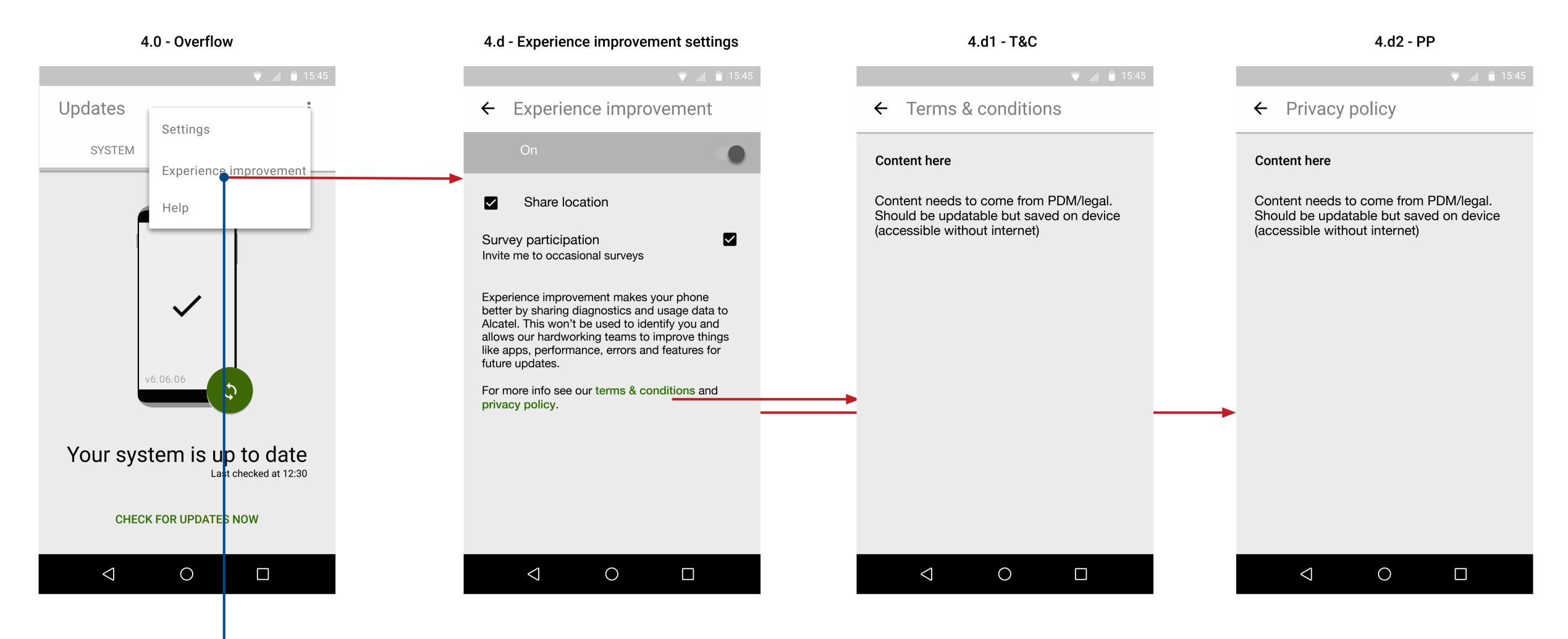
Filename: System Updates v7.0.4

Page: 18/42

TCL通訊科技控股有限公司

TCL通訊科技控股有限公司

TCL通訊科技控股有限公司

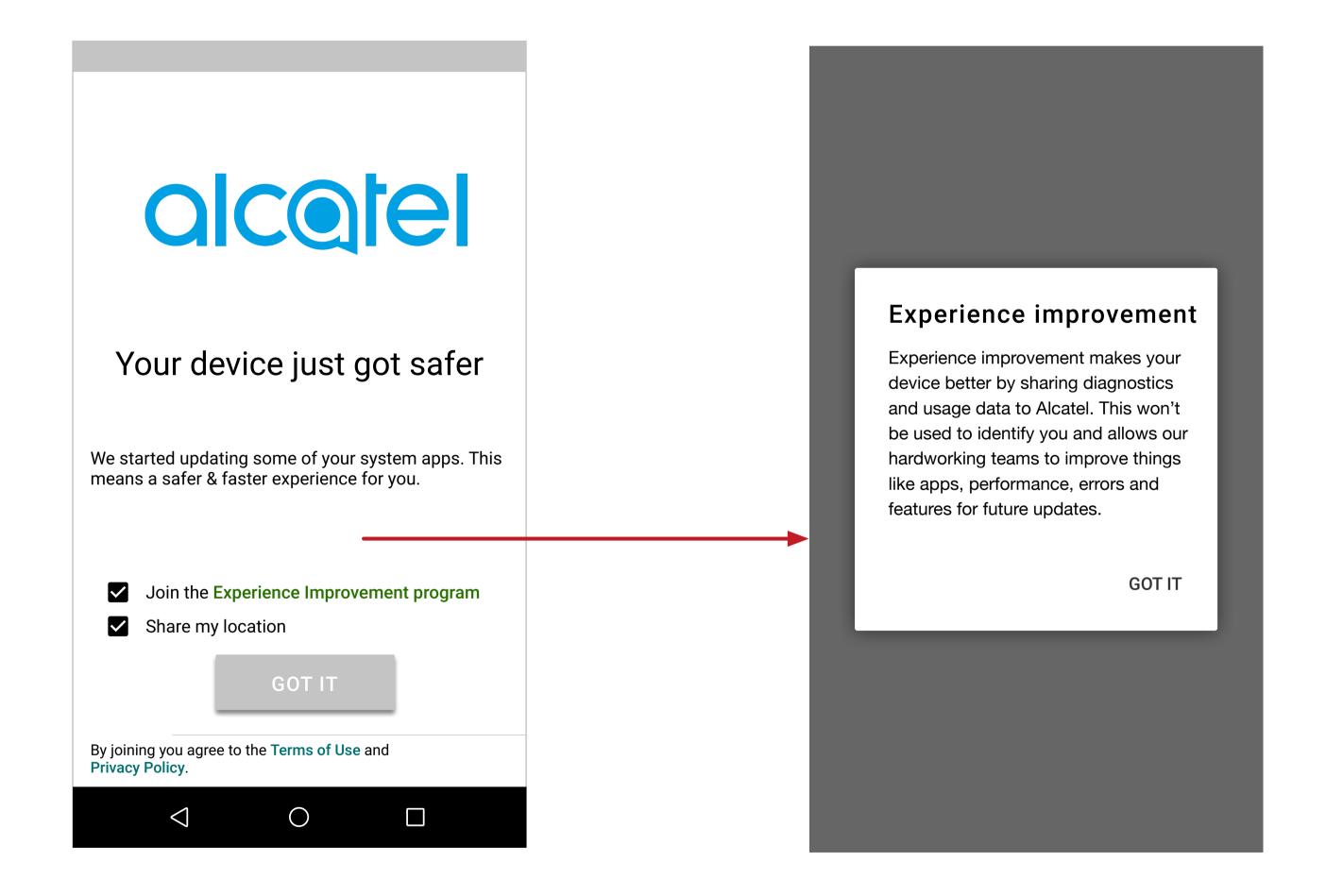


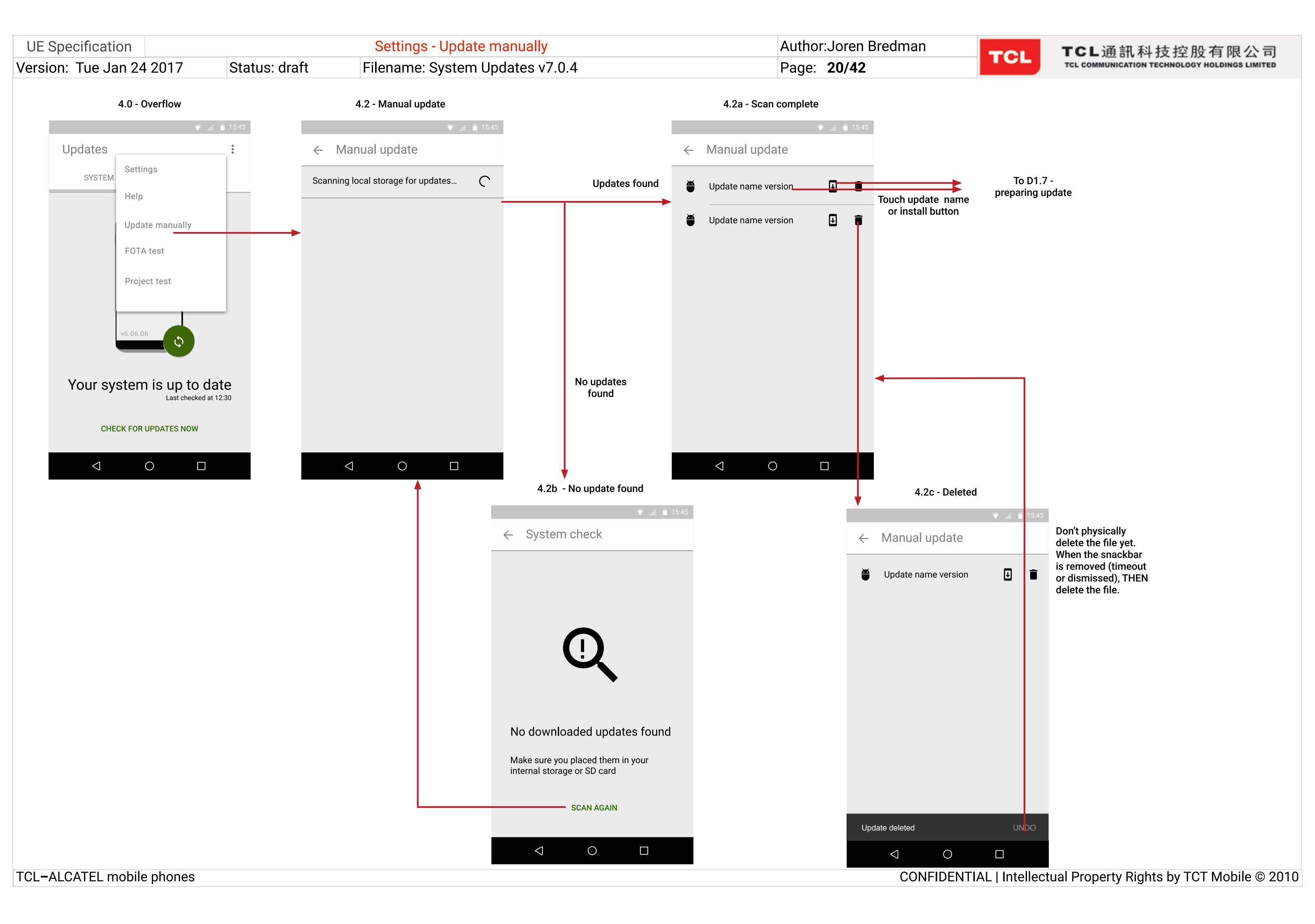
If this device is pre-M device (no diagnostics available), AOTA needs to serve as diagnostics base.

In that case, add an entry "Experience improvement" to the overflow menu. This is a flag that all apps can check to see if diagnostics is on or not.

When the device does not have diagnostics installed, the first time a diagnostic-enabled app is opened, show this screen (AOTA).

This will set the flag on D



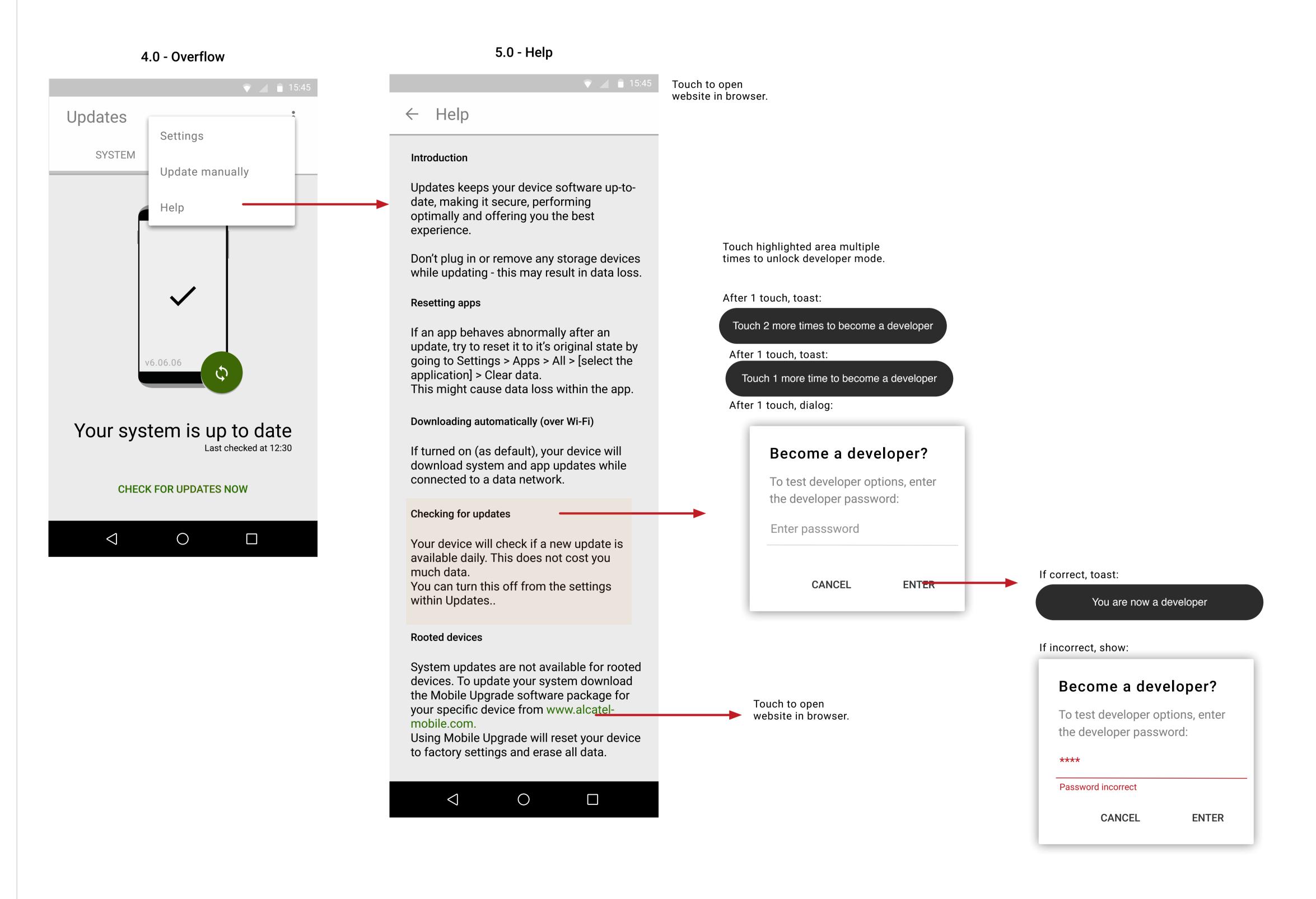


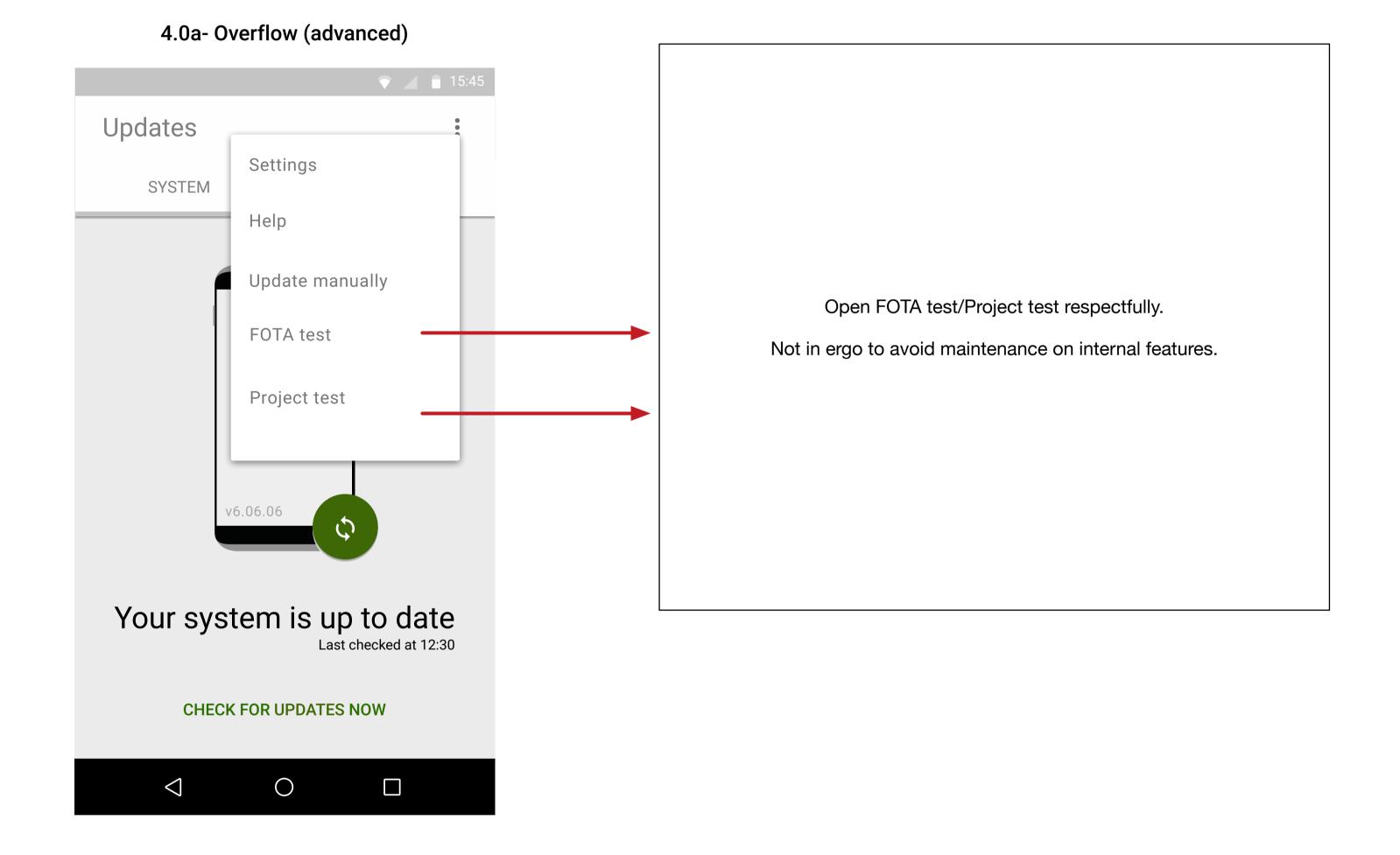
UE Specification Settings - Help Author:Joren Bredman

Version: Tue Jan 24 2017 Status: draft Filename: System Updates v7.0.4 Page: 21/42

TCL

TCL通訊科技控股有限公司 TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED





Page: **23/42**

TCL通訊科技控股有限公司

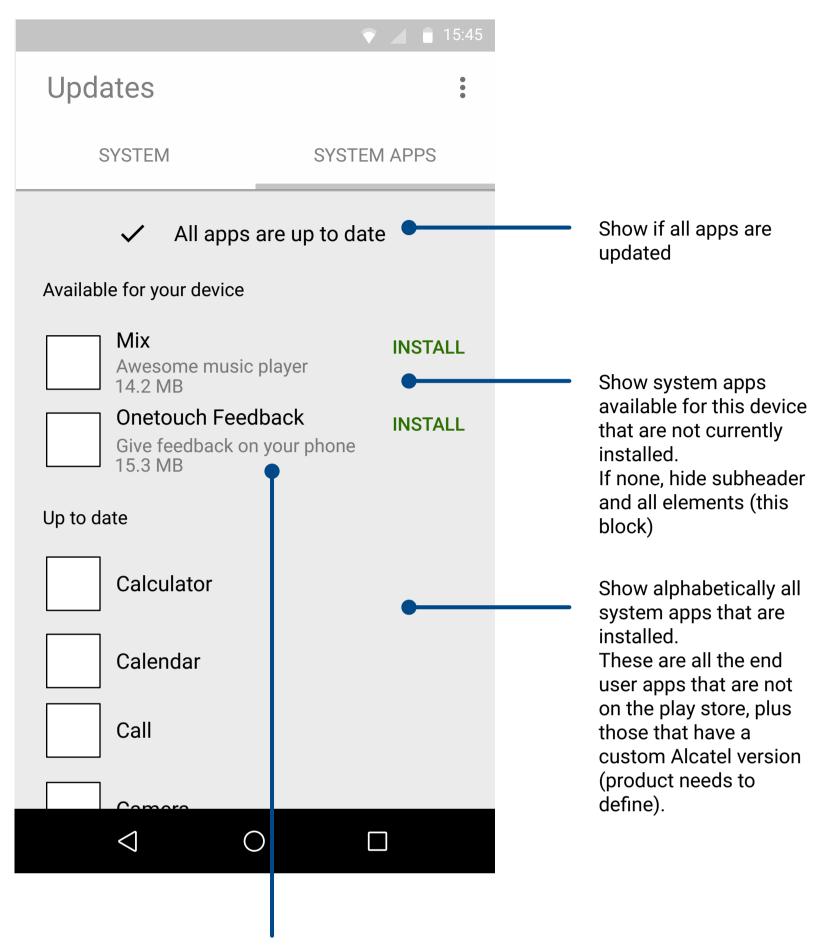
Version: Tue Jan 24 2017

Status: draft

Filename: System Updates v7.0.4

Apps - Home

2.0a - Apps screen (up to date)



Every app that is downloadable needs to have a 1 sentence short description.

If there is a connection issue, show

Couldn't check for updates

RETRY

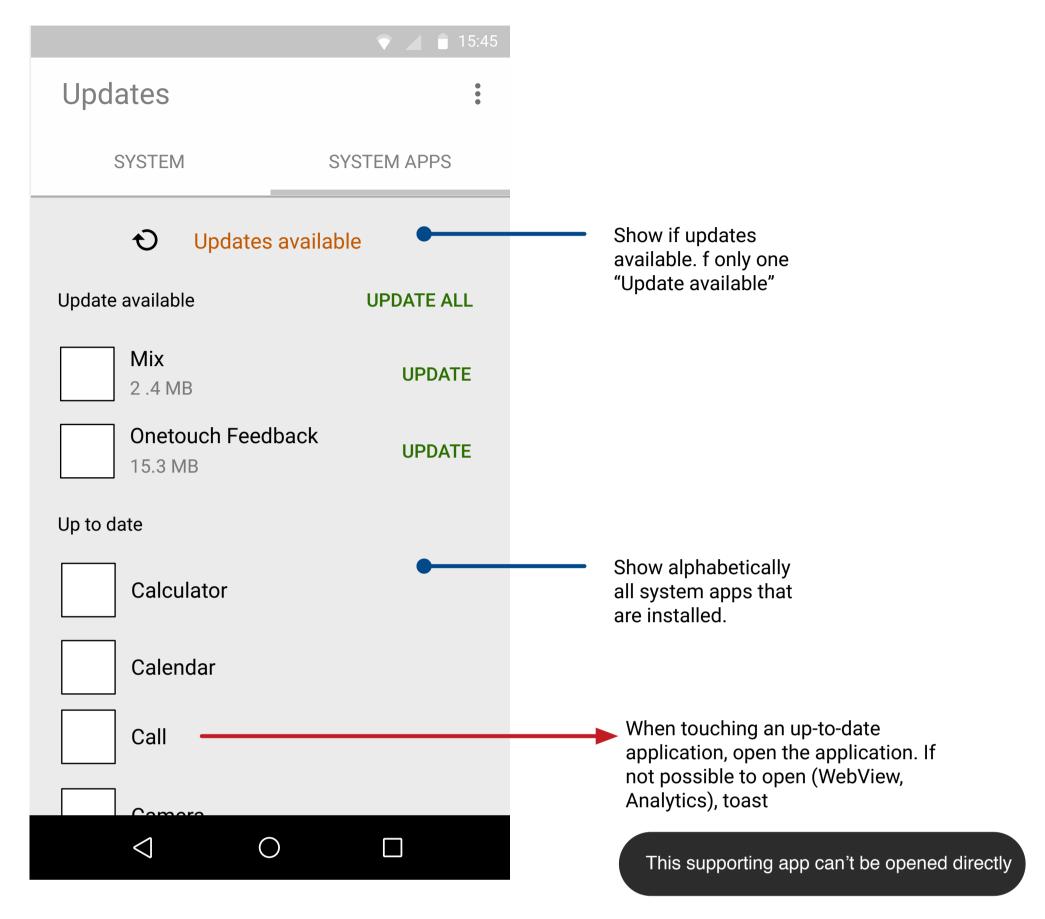
or

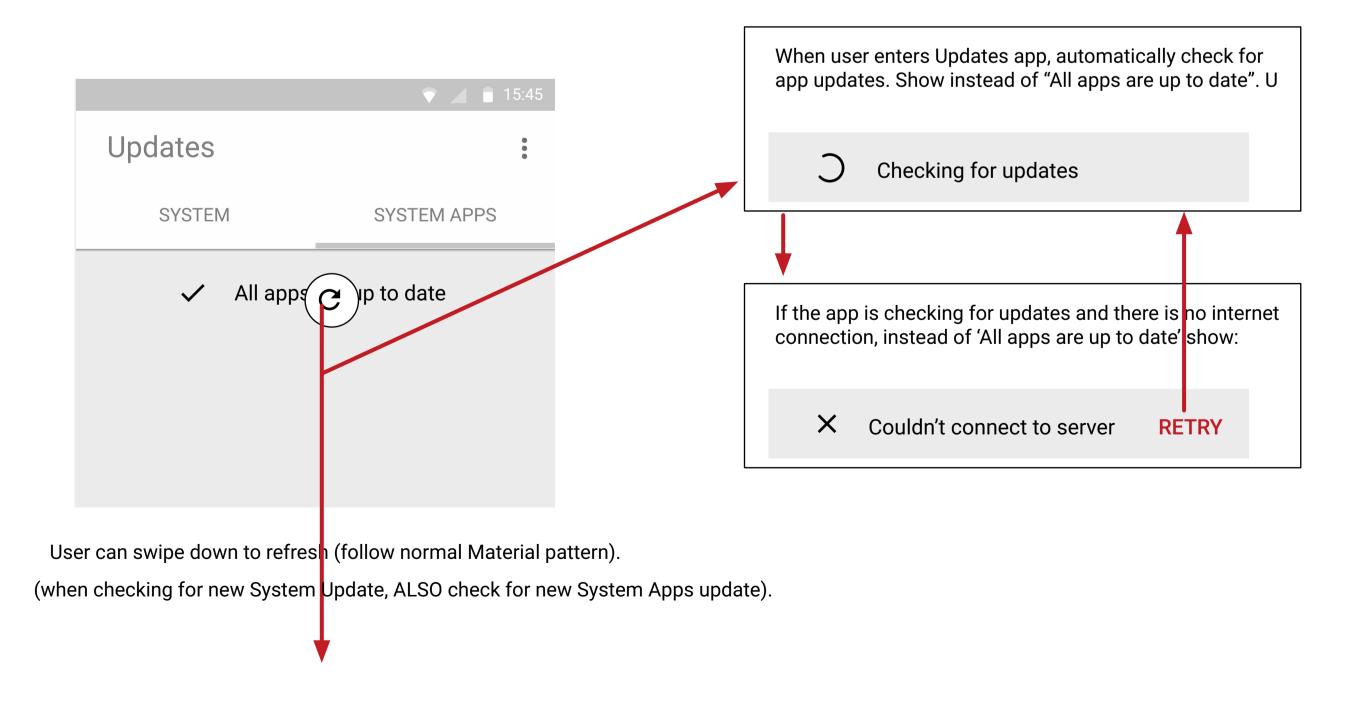
No internet connection

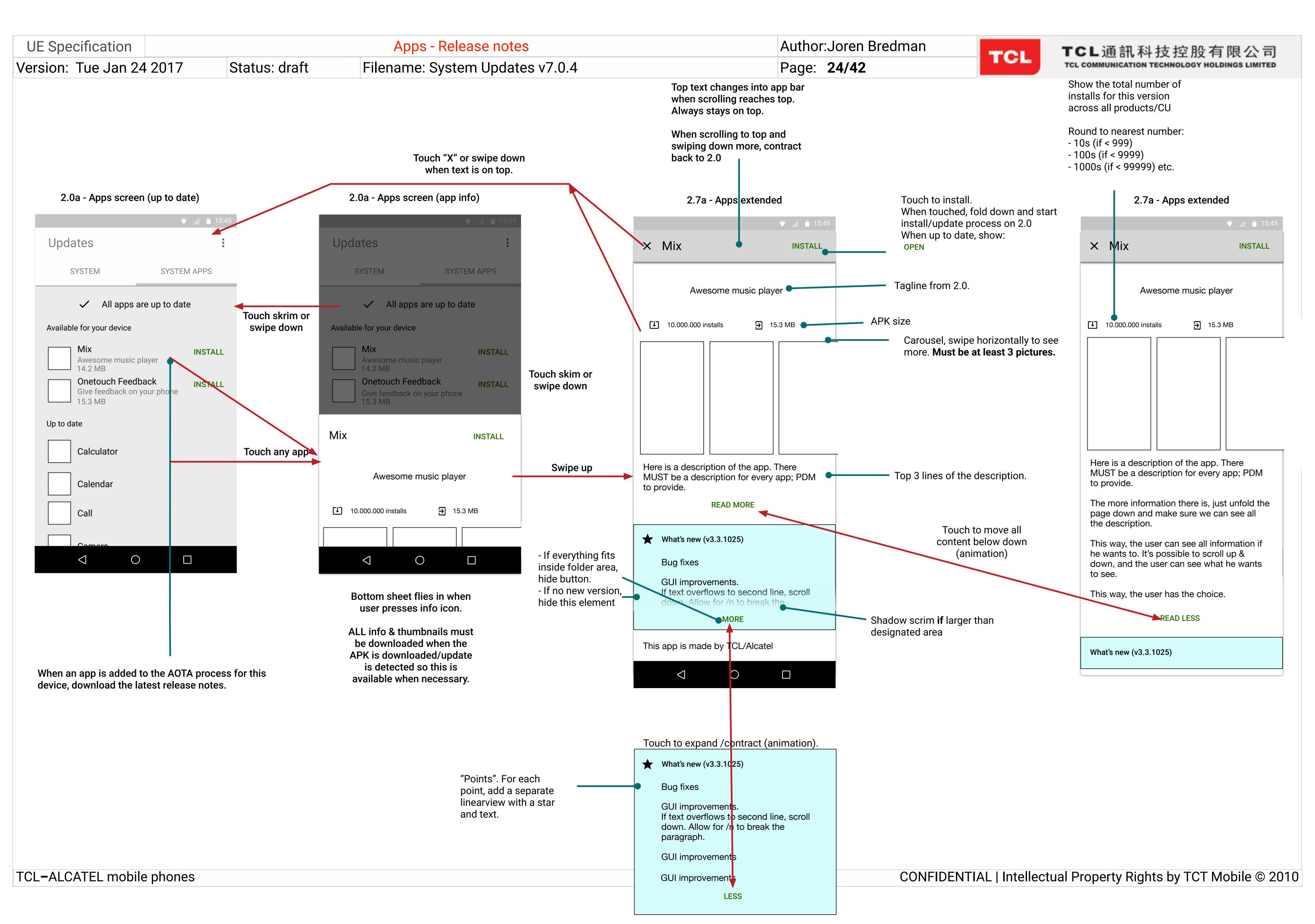
Retry checks for updates again

RETRY

2.1 - Apps screen (updates available)

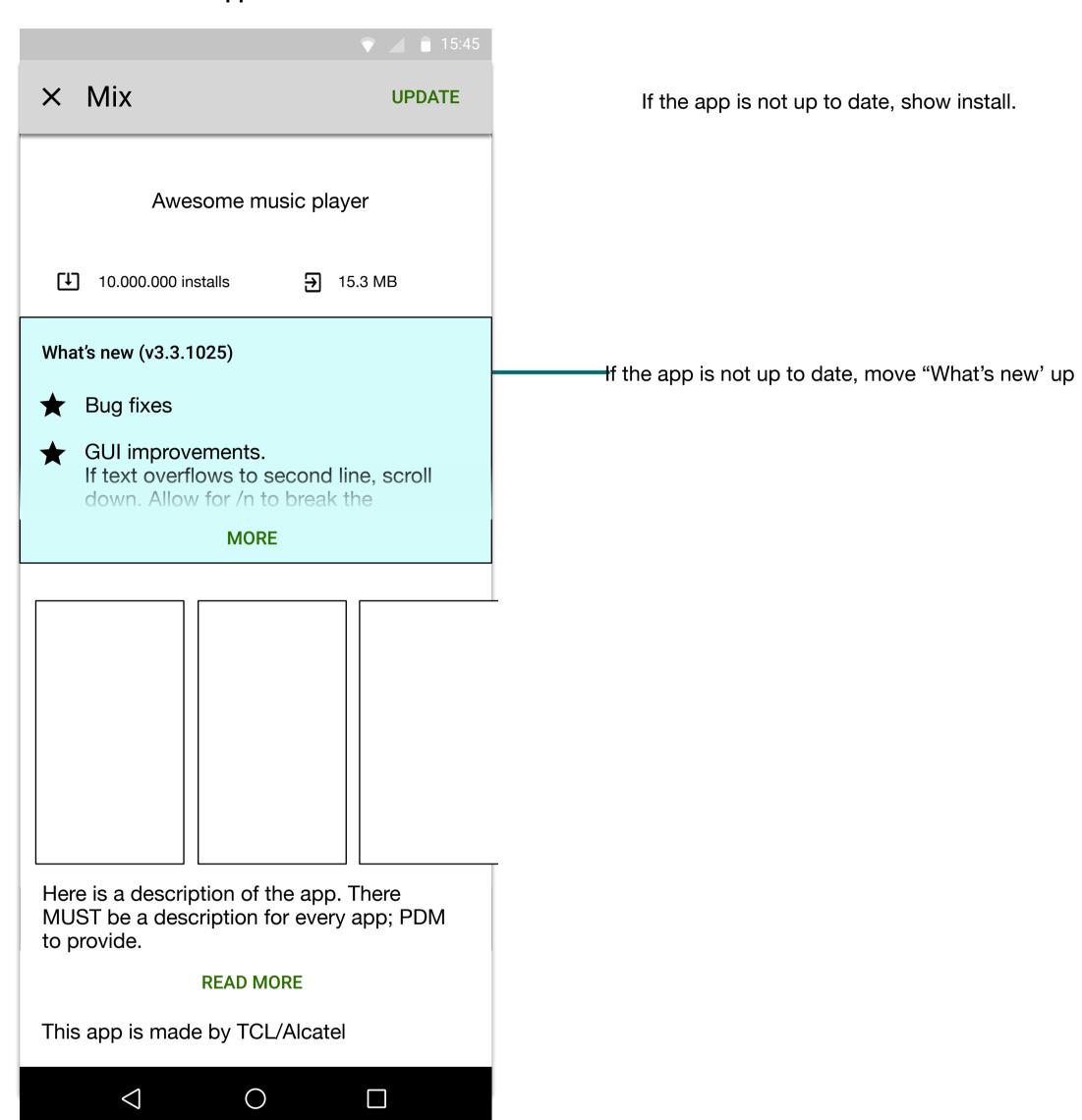






UE SpecificationApps - Release notes - UpdateAuthor:Joren BredmanVersion: Tue Jan 24 2017Status: draftFilename: System Updates v7.0.4Page: 25/42

2.7a - Apps extended

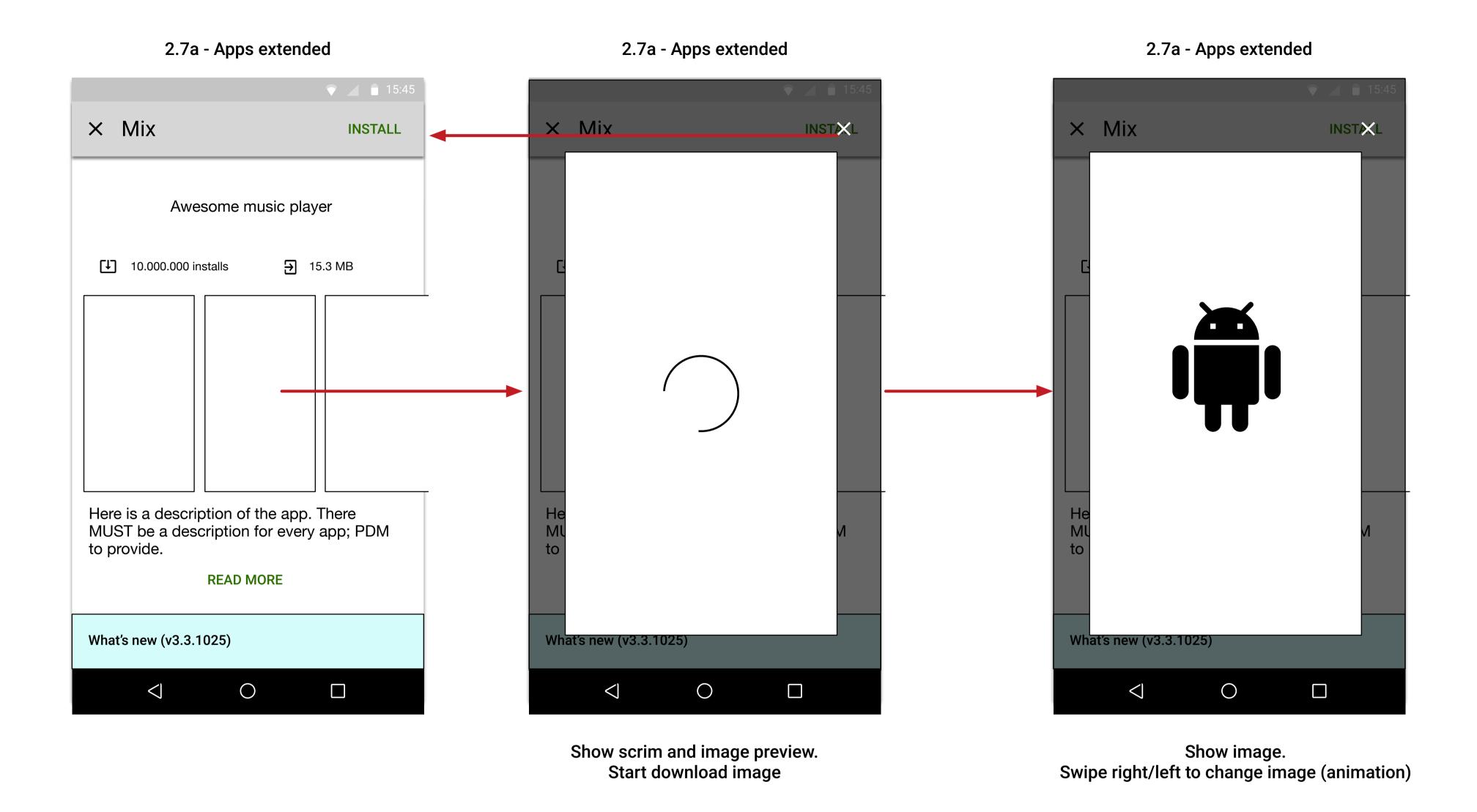


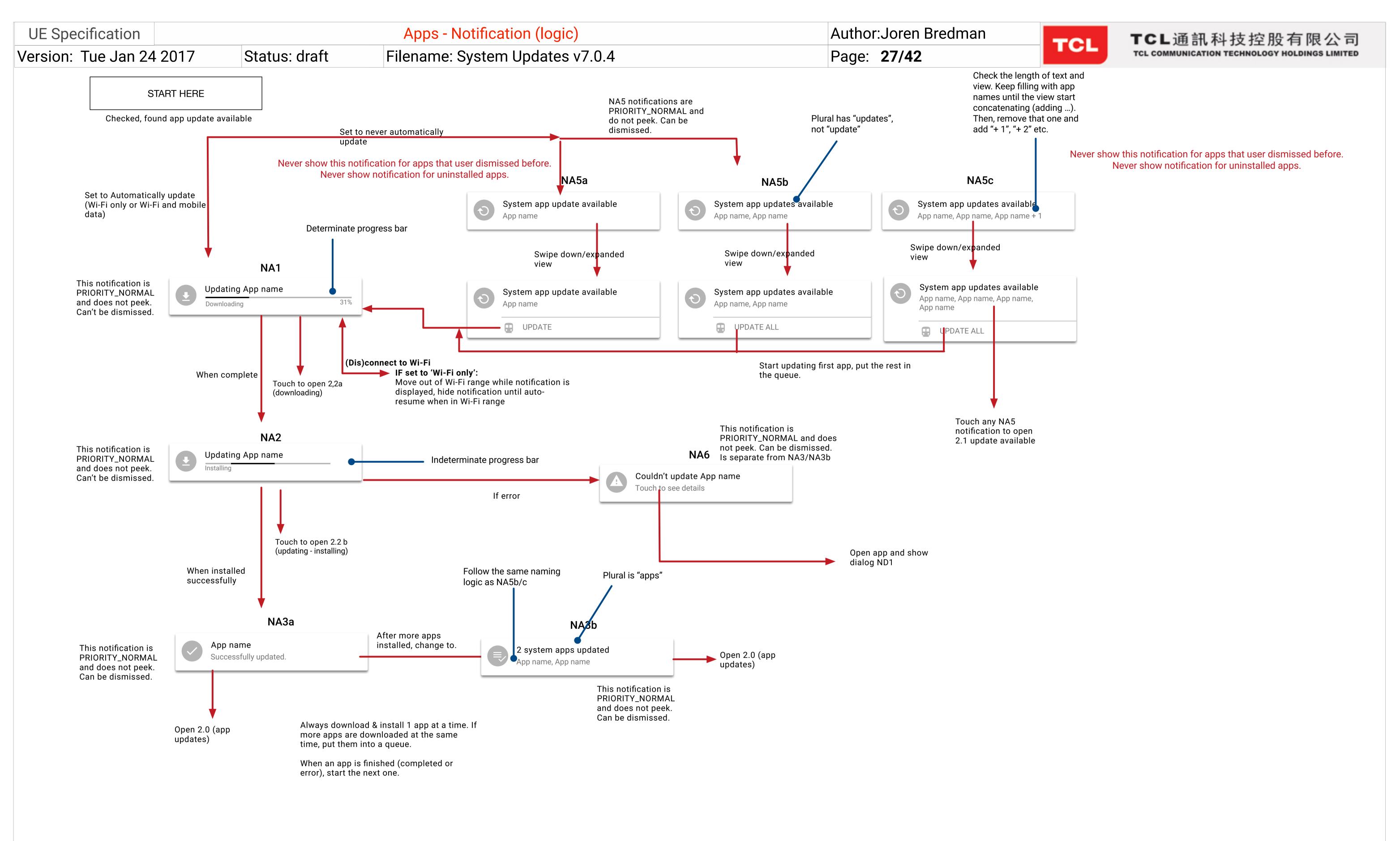
UE Specification Apps - Release notes images Author:Joren Bredman

Version: Tue Jan 24 2017 Status: draft Filename: System Updates v7.0.4 Page: 26/42

TCL

TCL通訊科技控股有限公司





 UE Specification
 Author: Joren Bredman

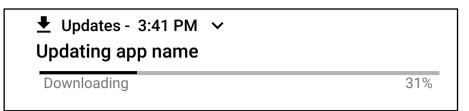
 Version: Tue Jan 24 2017
 Status: draft
 Filename: System Updates v7.0.4
 Author: Joren Bredman

 Page: 28/42
 TCL通訊科技控股有限公司

 Total Communication Technology Holdings Limited

 Page: 28/42
 Total Communication Technology Holdings Limited

NA1 (Android N)



Updates - 3:41 PM ✓
Updating app name
Installing

◆ Updates - 3:41 PM ✓System app update availableApp nameUPDATE

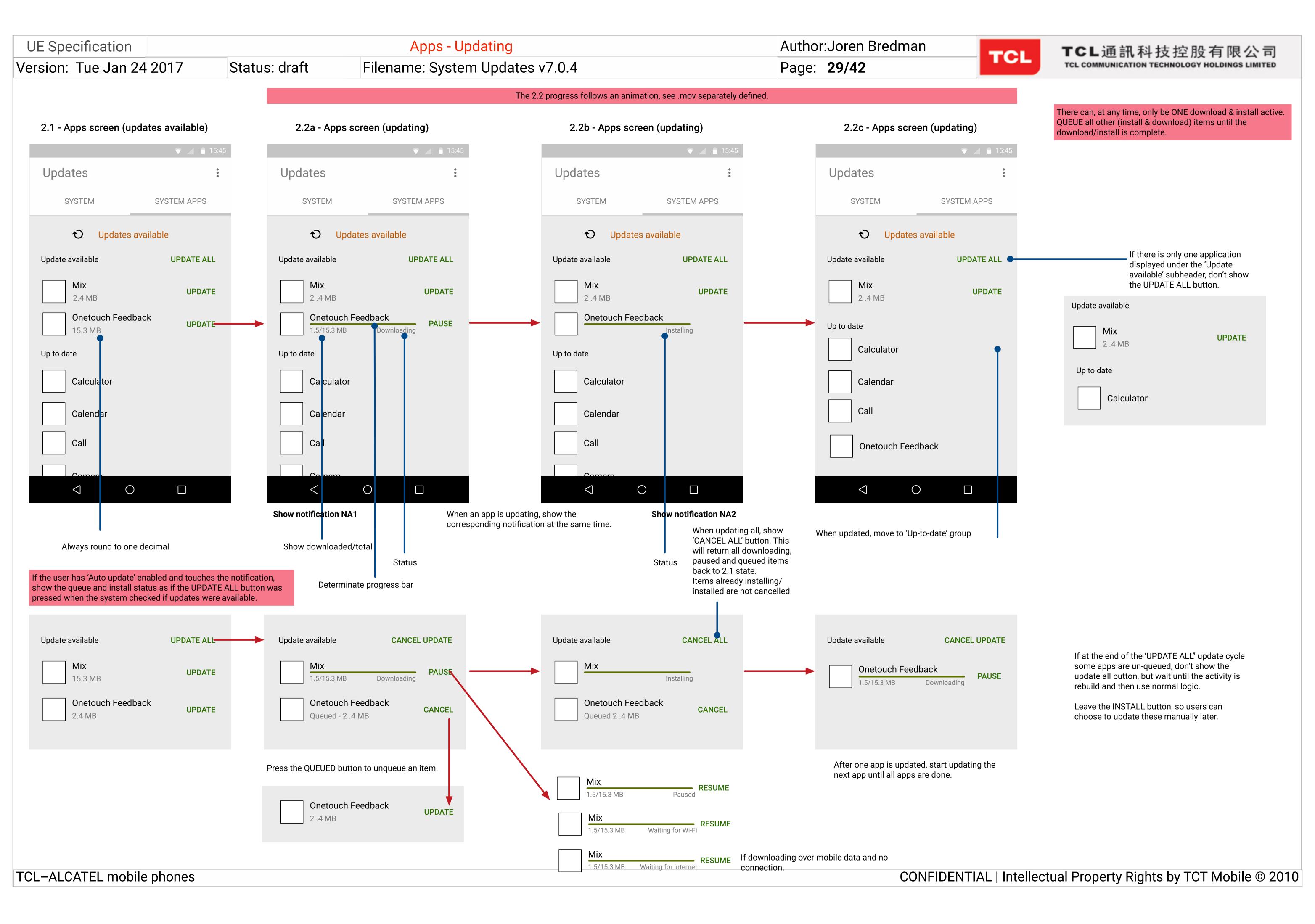
O Updates - 3:41 PM ✓
 System app updates available
 App name, App name
 UPDATE

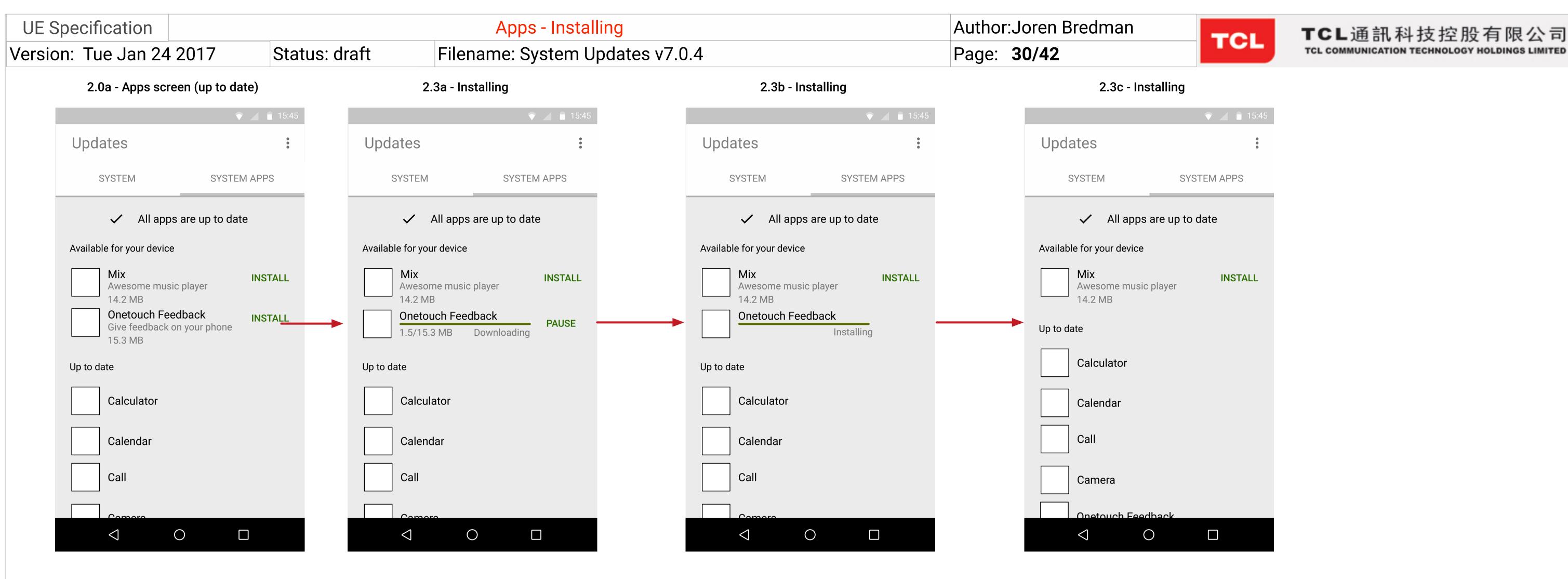
O Updates - 3:41 PM ✓
 Couldn't update App name
 Touch to see details



✓ Updates - 3:41 PM ✓
App name
Successfully updated

Updates - 3:41 PM >
2 system apps updated
App name, App name

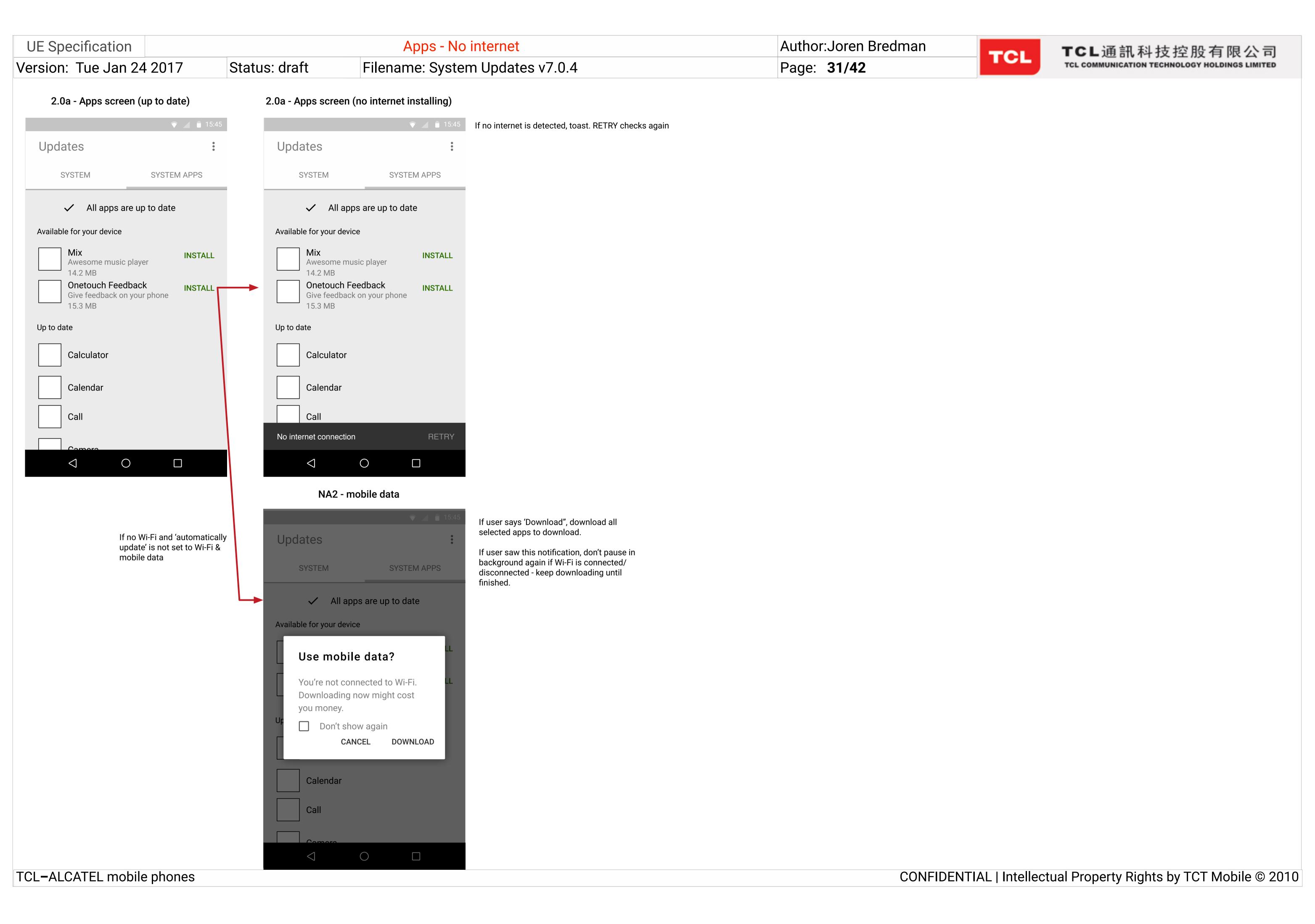




For installing, follow the same logic as updating. There is no 'INSTALL ALL' action.

Activate the corresponding notification flow (NI) when the download is started.

The QUEUE logic spans between installs and updates. If a user starts installing and downloading applications, treat them as one queue.



Author: Joren Bredman **UE Specification** Apps - Installing notification (logic) TCL通訊科技控股有限公司 TCL Version: Tue Jan 24 2017 Filename: System Updates v7.0.4 Page: **32/42** TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED Status: draft Never show this notification for apps that user dismissed before. Never show this notification for apps that user Never show notification for uninstalled apps. dismissed before. Never show notification for uninstalled apps. When new "Available" app detected and "New app notification" is on, show the following notification (PRIORITY_NORMAL, can be dismissed) If more, use the same logic as the installed notification. User presses INSTALL on 2.0 NI0 NI0a Open 2.0 New system app available New system apps avail ble Music, Onetouen Feedback App name Determinate progress bar **INSTALL** INSTALL ALL The installed application notifications are separate from the updated application NI1 notifications. This notification is If a user installs and updates at the same Installing App name PRIORITY_NORMAL time, use two independent processes/ and does not peek. 31% Downloading notifications. Can't be dismissed. Replace with app name (Dis)connect to Wi-Fi ► IF users did not get the Mobile Data When complete 2.1 - Apps screen (updates available) Touch to open 2.3a ND1 Move out of Wi-Fi range while notification is (downloading) displayed, hide notification until autoresume when in Wi-Fi range **Updates** This notification is NI2 PRIORITY_NORMAL and does not peek. This notification is Installing App name Can be dismissed. PRIORITY_NORMAL SYSTEM SYSTEM APPS Indeterminate progress bar and does not peek. Couldn't install App name Can't be dismissed. Touch to see details Updates available If error Can't install appname Touch to open 2.3b Try again. Mix ((installing) **UPDATE** 2.4 MB If the problem continues, When installed Follow the same naming Plural is "apps" successfully logic as NA5b/c Onetouch Feedback <u>let us know</u>. **UPDATE** 15.3 MB OK NI3A Up to date NI3b After more apps 1 system app installed installed, change to. This notification is 2 system apps installed Calculator Open 2.0 (app PRIORITY_NORMAL App name App name, App name updates) and does not peek. Can be dismissed. Calendar This notification is PRIORITY_NORMAL and does not peek. Error reported. You'll be notified Can be dismissed. Always download & install 1 app at a time. If when a solution is found. Open application more apps are downloaded at the same time, put them into a queue. When an app is finished (completed or \triangleleft \bigcirc error), start the next one. After this error, don't try to install or download this When user presses 'let us know', send an error version automatically anymore, and don't show report to server, so we can investigate. notifications about it, but allow user to do it The error is actually already reported when the manually. dialog pops up, so touching the button doesn't When a newer version has been released, treat it as actually do anything - however, it gives the user a feeling that he can act on it, and can understand it normal. might take a couple of days before an update is released. TCL-ALCATEL mobile phones CONFIDENTIAL | Intellectual Property Rights by TCT Mobile © 2010

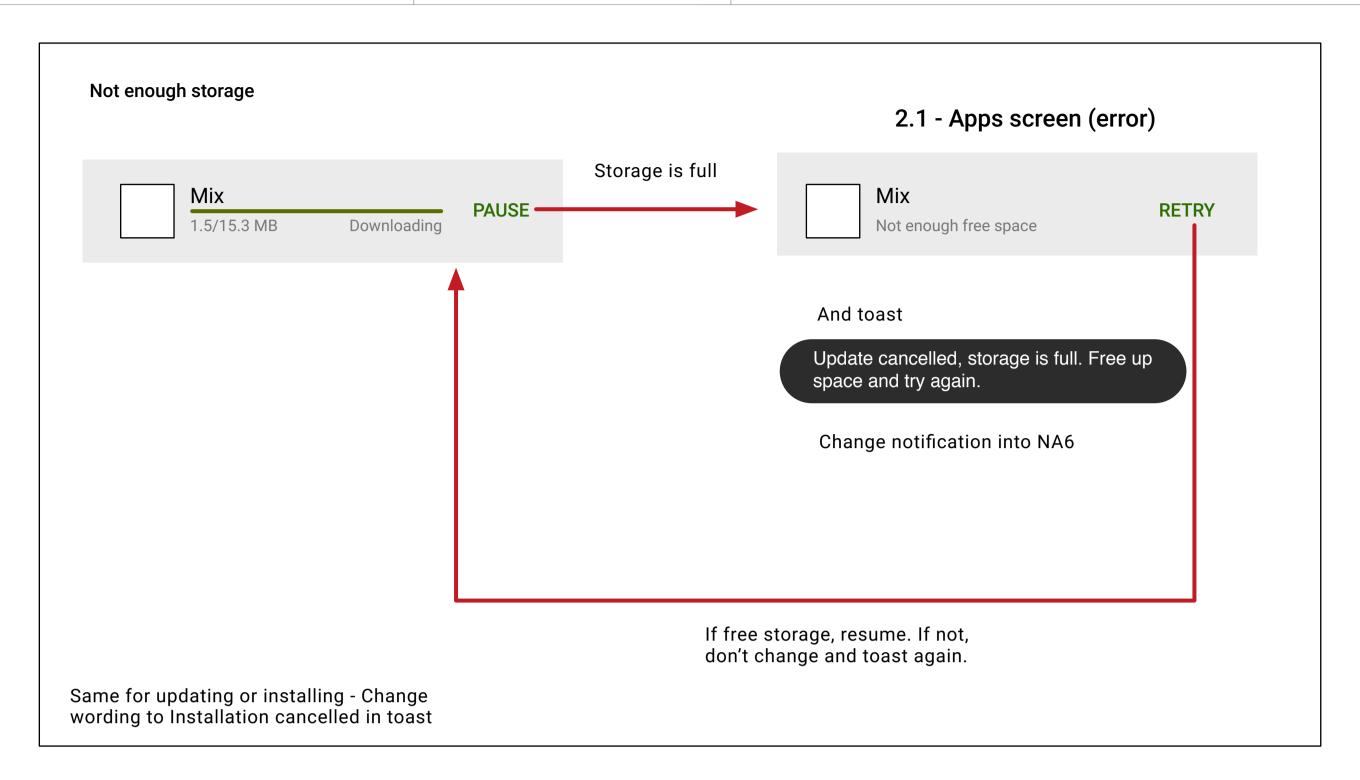
Author:Joren Bredman

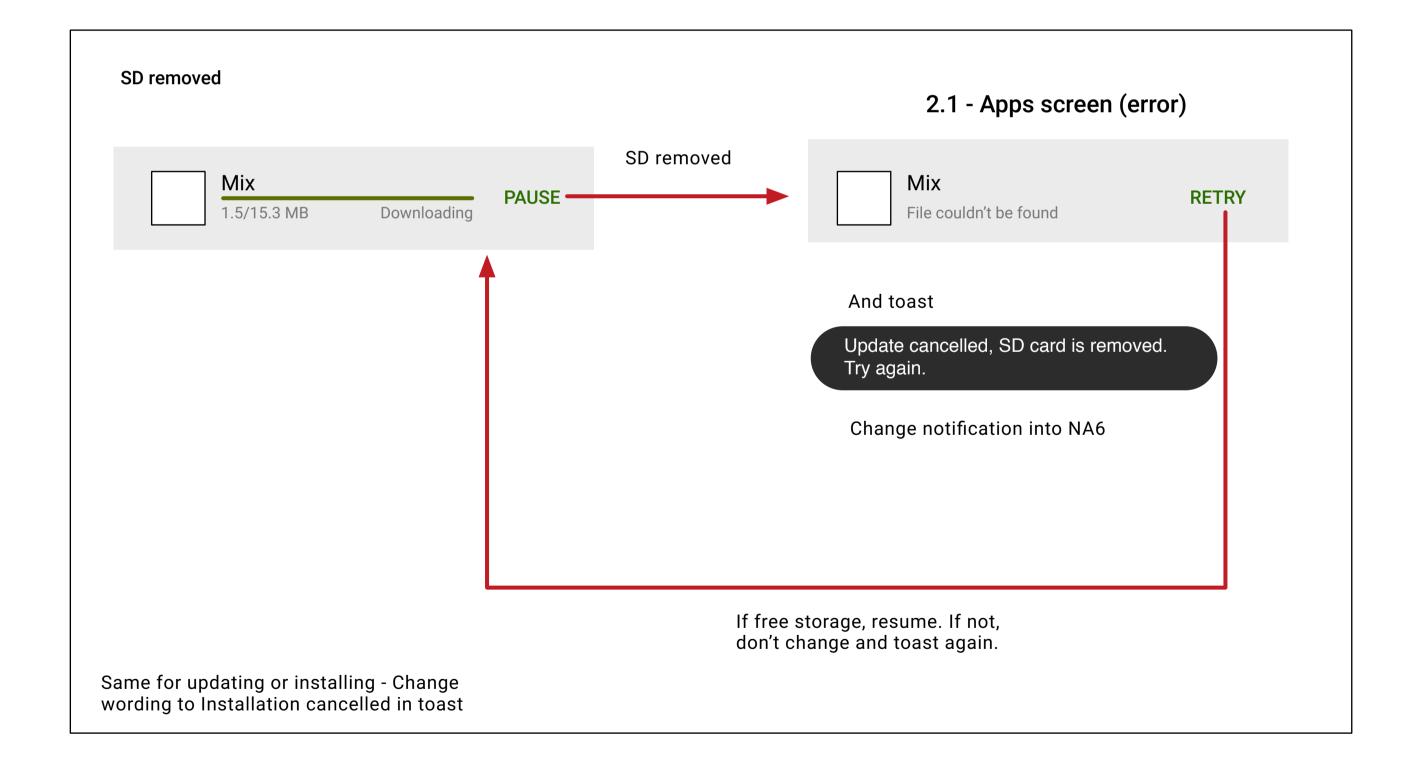
Page: **33/42**

TCL

TCL通訊科技控股有限公司 TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED

Version: Tue Jan 24 2017 Status: draft Filename: System Updates v7.0.4





Mix
Beta status

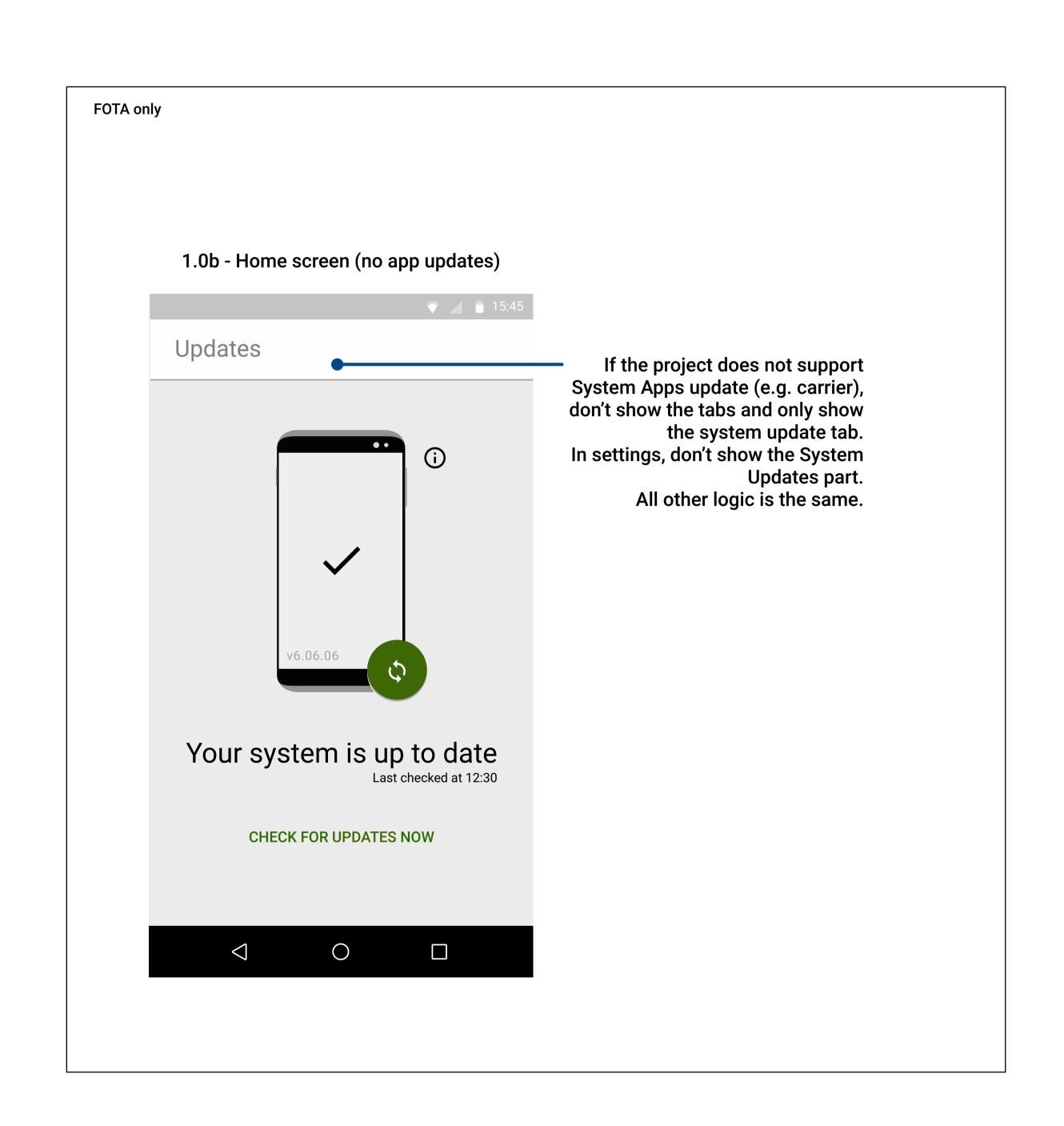
DOWNGRADE

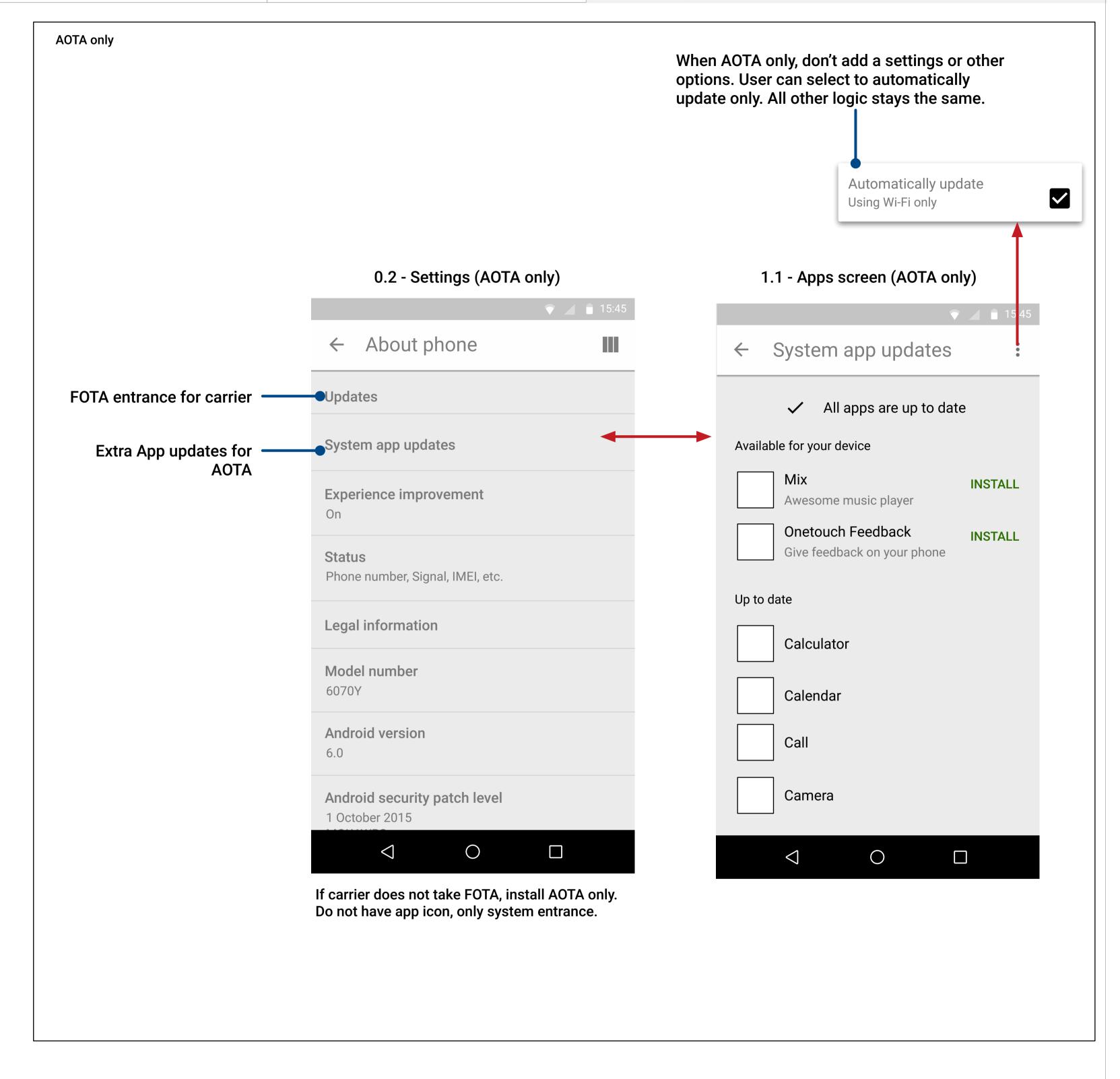
UE Specification FOTA/AOTA split Author:Joren Bredman

Status: draft Filename: System Updates v7.0.4 Page: 34/42

TCL

TCL通訊科技控股有限公司 TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED





Version: Tue Jan 24 2017

Page: **35/42**

Beta program

Version: Tue Jan 24 2017

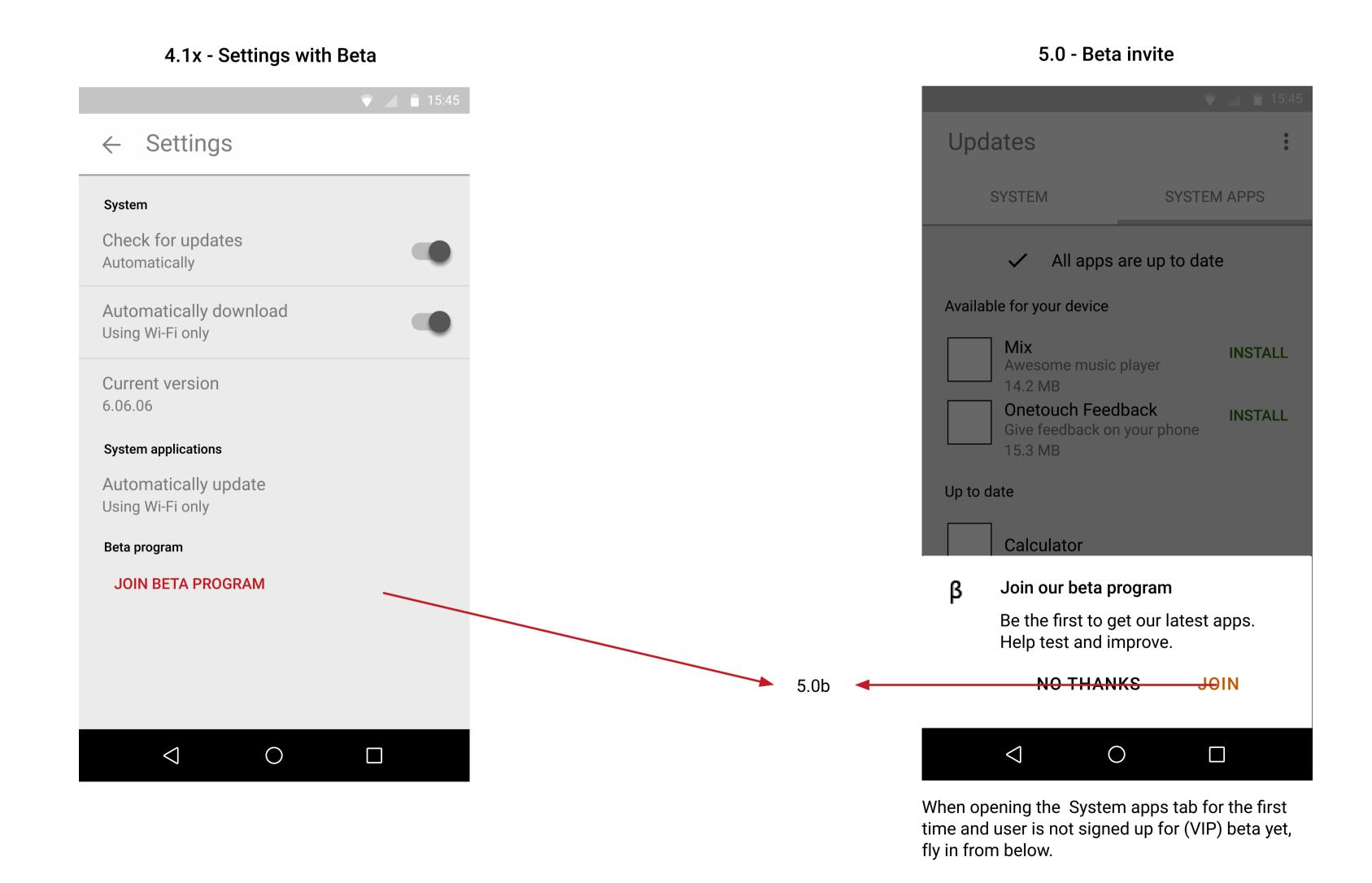
There are three types of Beta's:

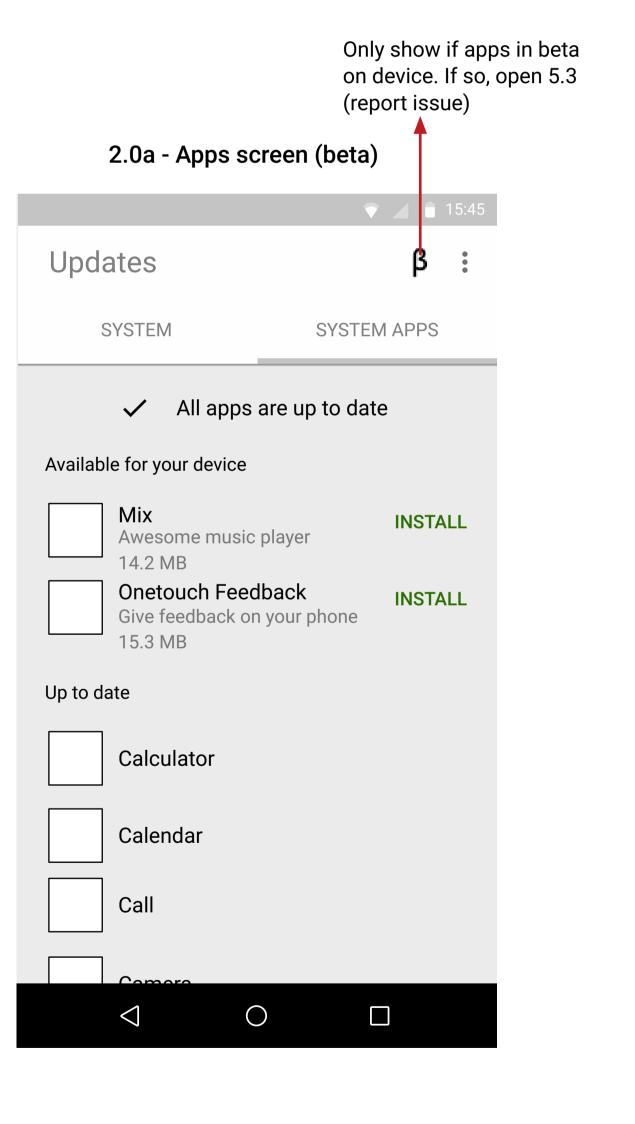
"Secret" - Users get updated by us, without their choice/option. Selected based on criteria such as IMEI (e.g. *****064), Perso, Device, location and system language. **UX is same as normal updates, so no change.**

- "Beta program" Sign up for Beta, and get 'Beta' notifications.
- Automatically moved to Beta.
- Some apps Beta optional.

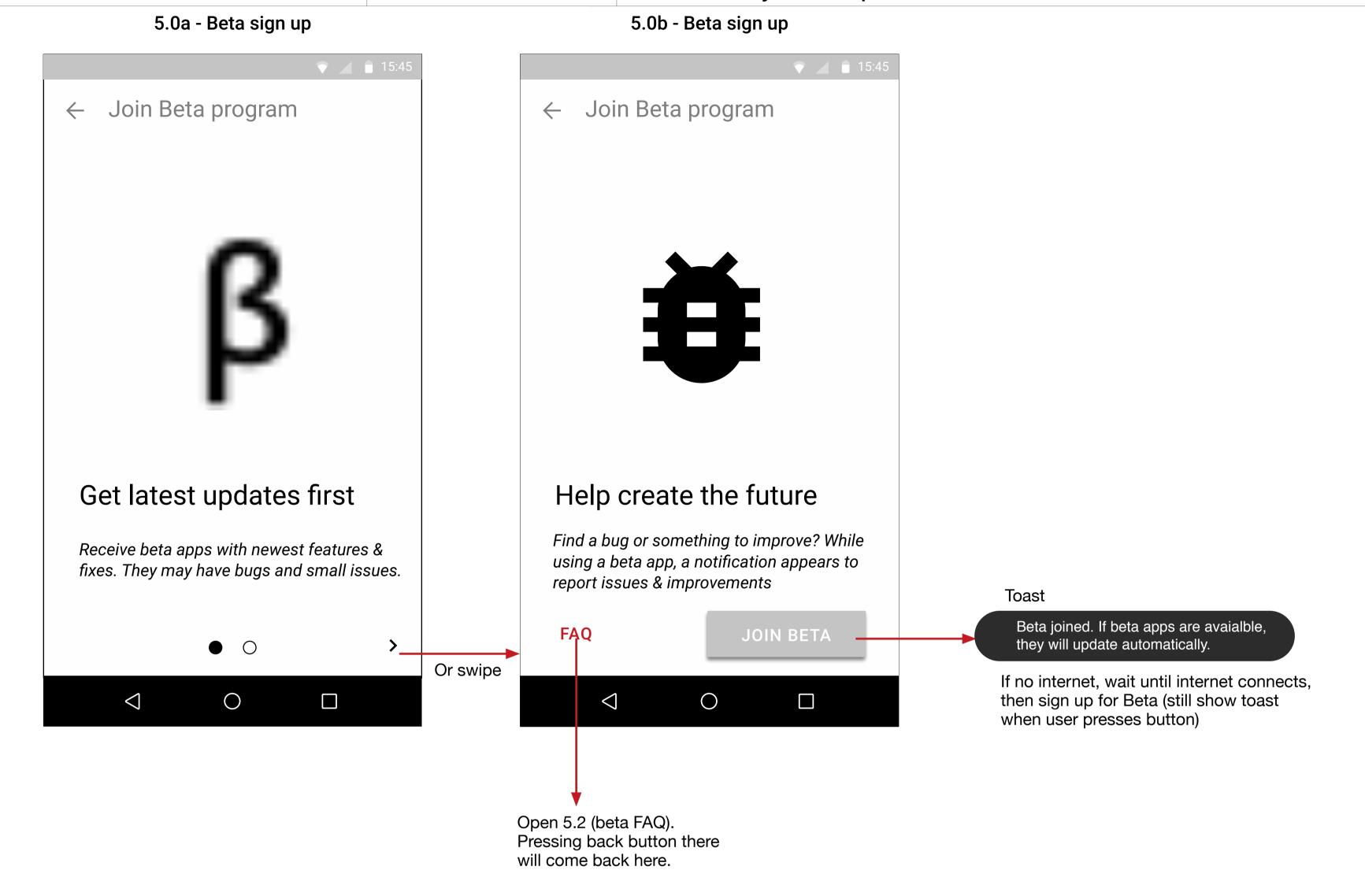
Account are managed by User Care, but System Updates needs to communicate with this app to select users who signed up.

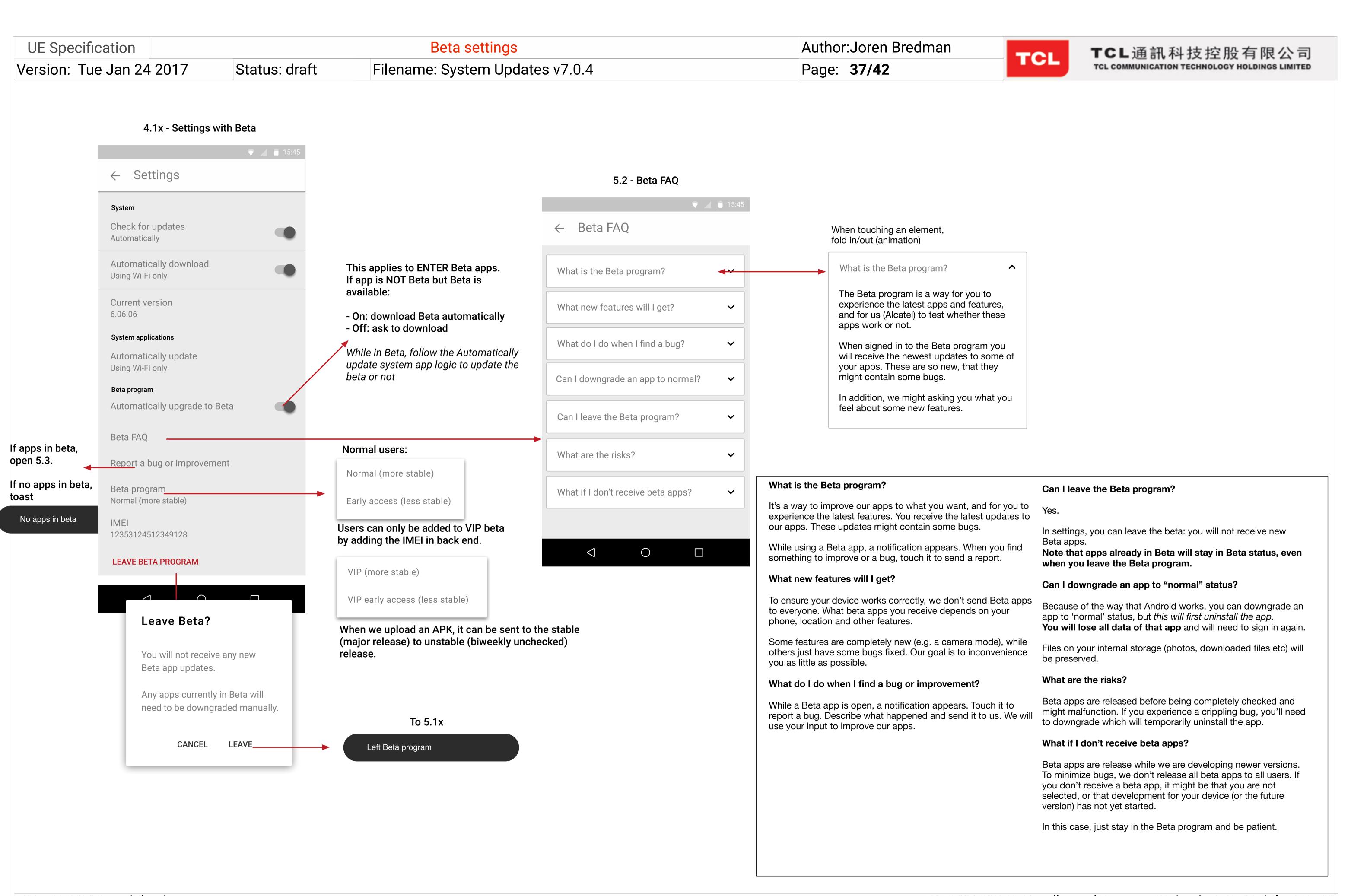
"VIP Beta program" - Same as beta program, but only for users that are manually added.

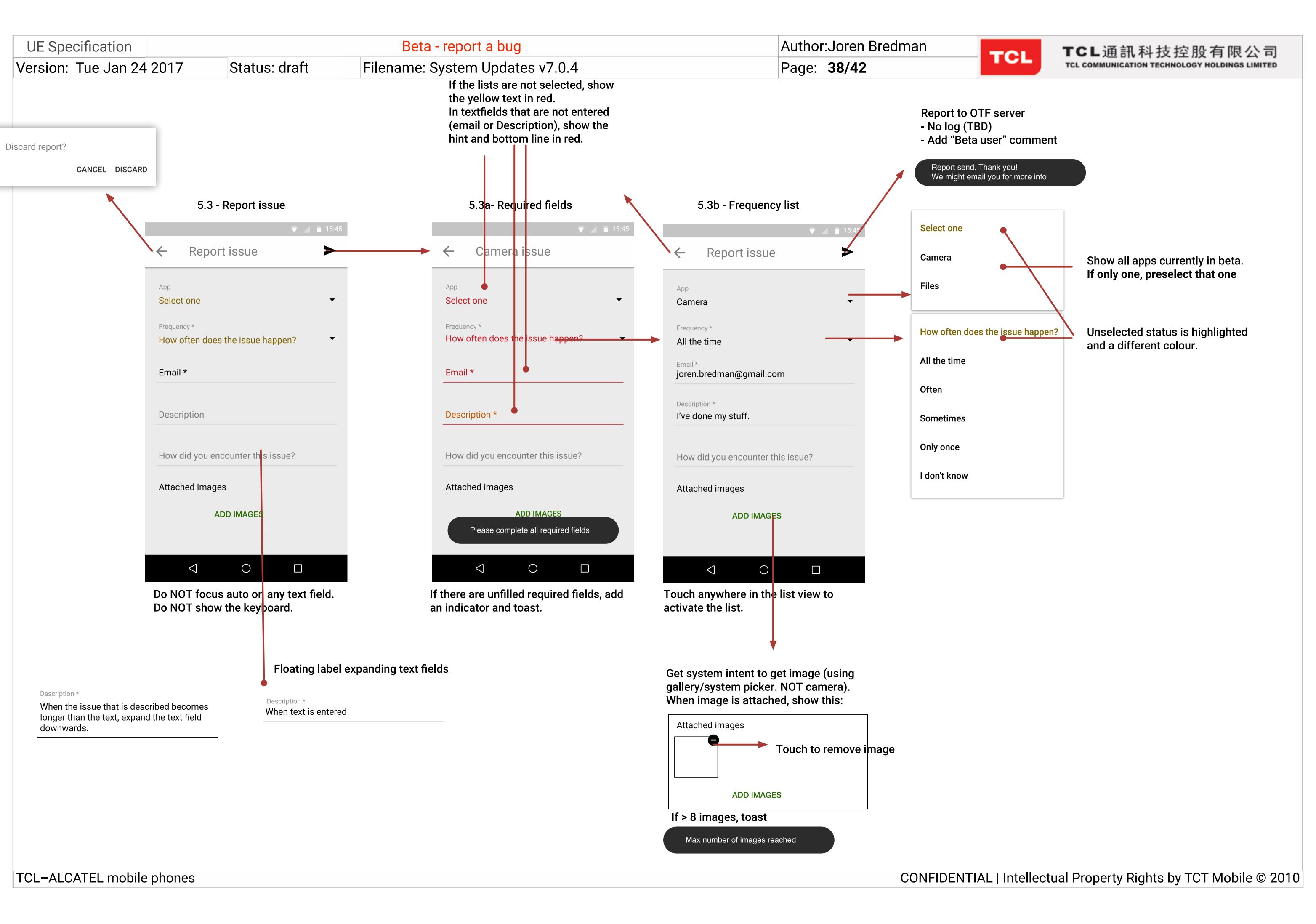












UE Specification

Beta - Update

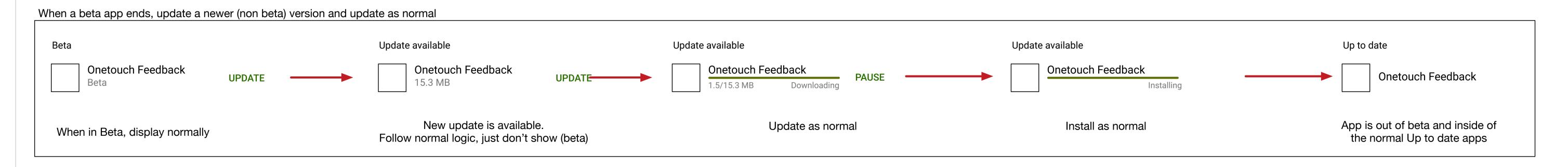
Author: Joren Bredman

Version: Tue Jan 24 2017 Status: draft Filename: System Updates v7.0.4 Page: 39/42

TCL

TCL通訊科技控股有限公司 TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED





UE Specification

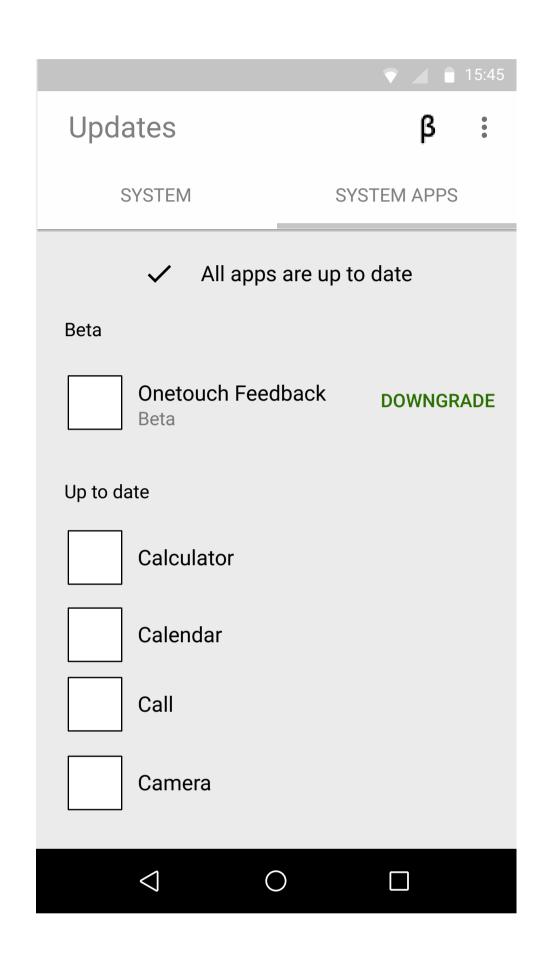
Beta - Downgrade

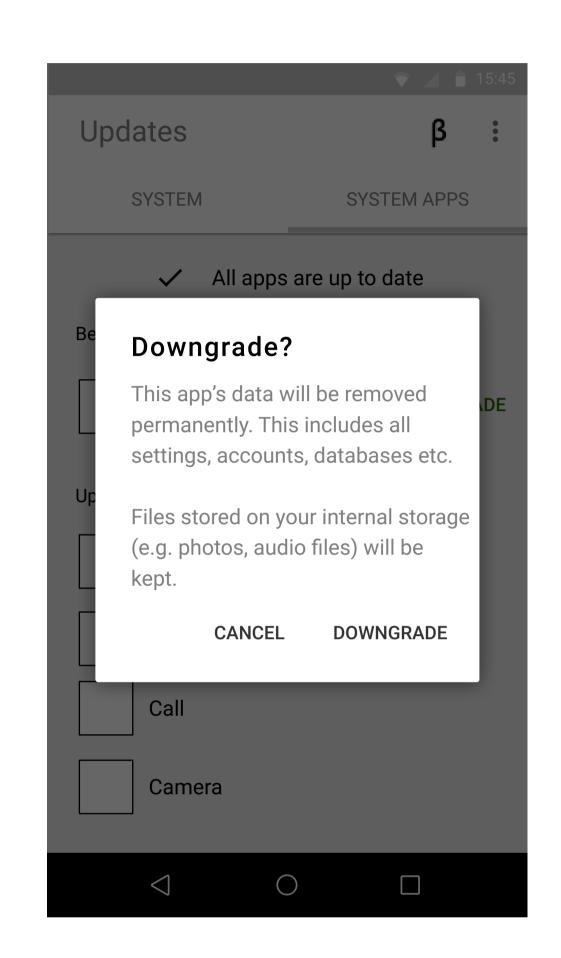
Author:Joren Bredman

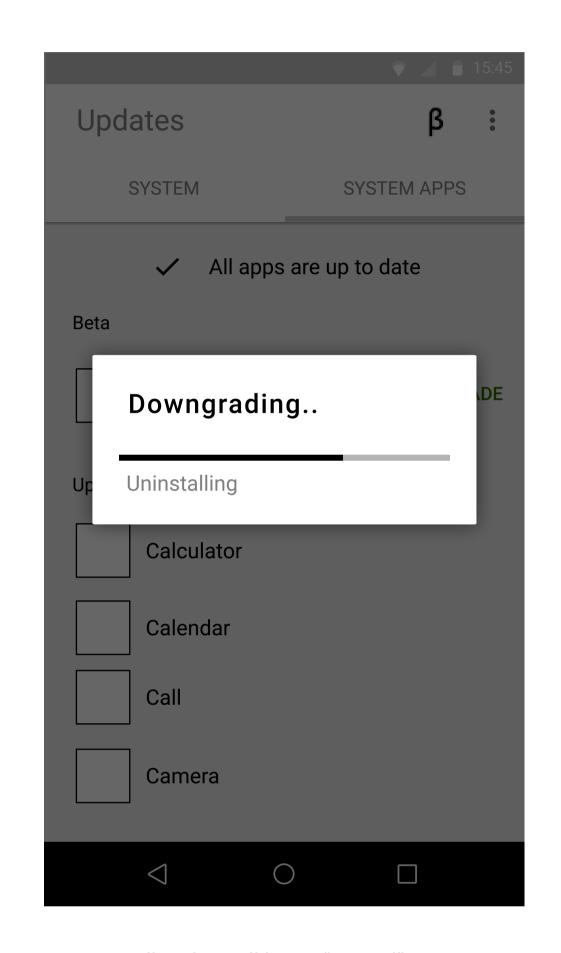
Version: Tue Jan 24 2017 Status: draft Filename: System Updates v7.0.4 Page: 40/42

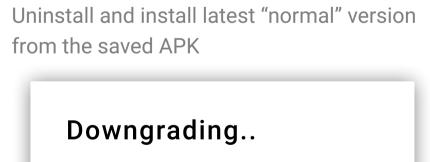


TCL通訊科技控股有限公司

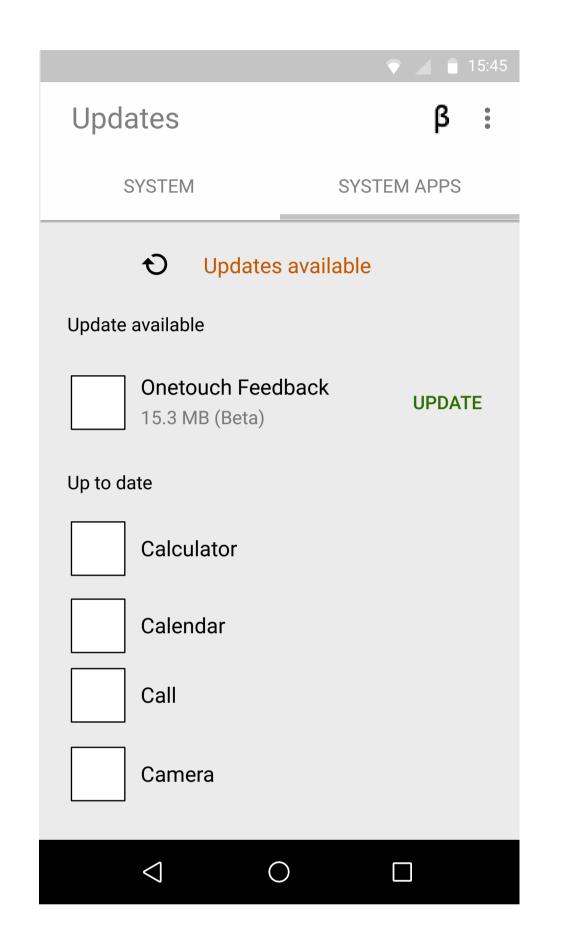






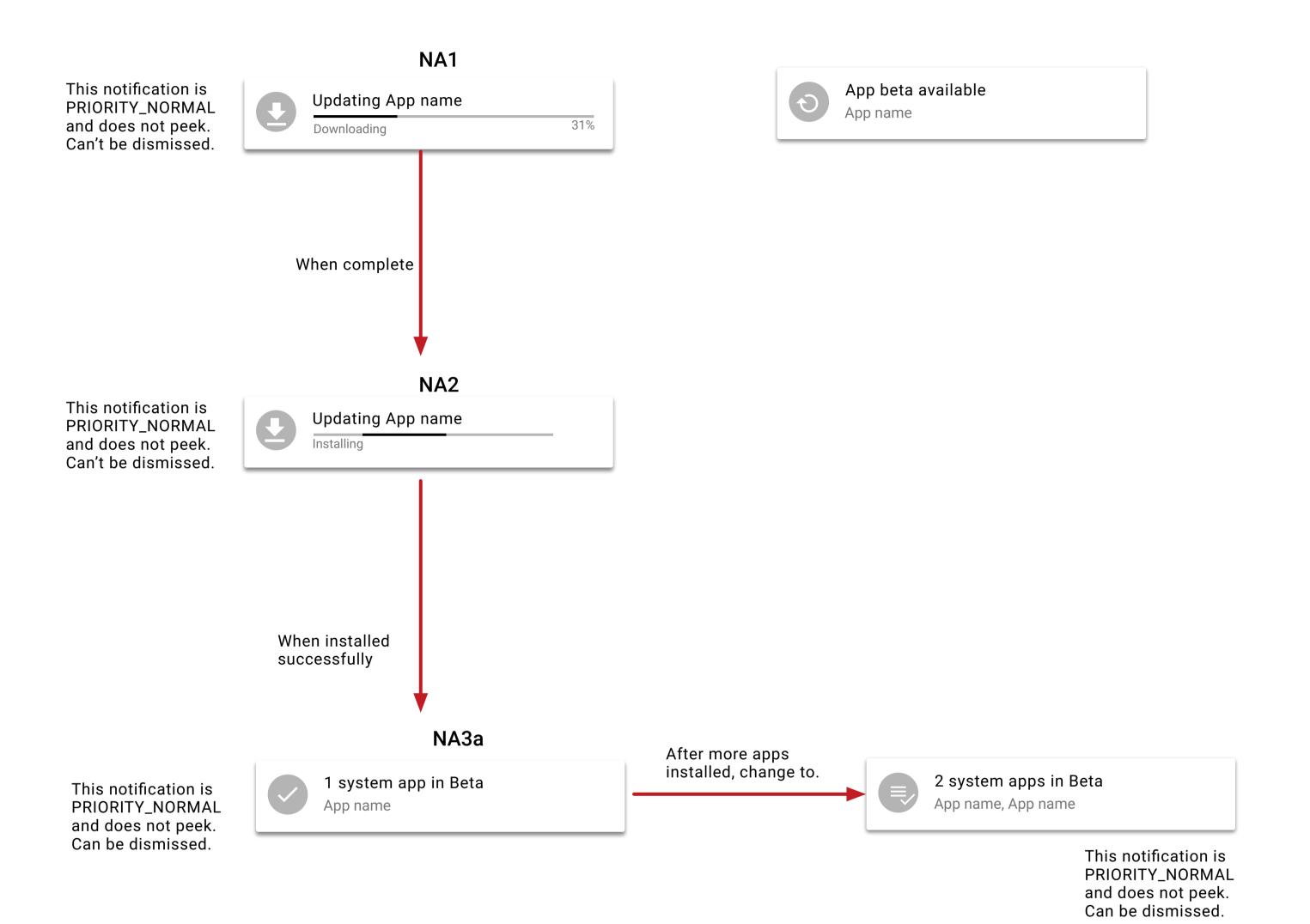


Reinstalling



After uninstalling/reinstalling, make Beta available again, but don't automatically update even if a Beta is available for this app.

Notification follows same logic as normal update, but instead says 'Beta' when completed



UE SpecificationBeta - NotificationAuthor:Joren BredmanVersion: Tue Jan 24 2017Status: draftFilename: System Updates v7.0.4Page: 42/42

IF Onetouch Feedback is installed, do NOT show this notification (TBD)



Open 5.3 (report issue) with this app preselected.

While a Beta app is being used with low priority (does not make a sound)

After the app is moved to background, show for 20 seconds, then disappear