Application Design: Messaging

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82 03: 3 Delete All Threads

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Numbering System Introduction & Glossary

Example	PC.LS.1.2.a Group Contact Card	PC.LD.1.1 Contact Card	PD.PD.1.0.1 Exposé	PD.PS.2.1 Call Detail	M.PD.1.0 All Threads List
Application	PC=Phone (Contacts)	PC=Phone (Contacts)	PD=Phone (Dialer)	PD=Phone (Dialer)	M=Messaging Application
Orientation	LS=Landscape Single	LD=Landscape Dual	PD=Portrait Dual	PS=Portrait Single	PD=Portrait Dual
Screen Number & Name	1.2 Group Contact Card	1.1 Contact Card	1.0.1 Exposé	2.1 Call Detail	1.0 All Threads List
Variation Code (Alternate States & Views)	.a=Activities List				

Glossary

Alternate States/Alternate Views
These are additional states or views that may occur within the experience. An example of an alternate state would be for the threads list screen, all threads vs. a undelivered.

Exposé
Exposé is referenced within the application map in relation to the threads, compose, and single thread screens. This term refers back to the Exposé Application model in which a screen is surfaced from or adjacent (in dual screen) that exposes additional contextual functionality or features.

Device Gesture Language & Documentation Key

Our term	Symbol	Definition
Tap		Fired after first tap, but before timeout of double-tap check, and is confirmed after timeout of double-tap passes without a second press
Double Tap		The first down event of a gesture after a user has already single-tapped, and release is confirmed.
Long Press		When a press event is held for a specific amount of time (.5s - 1.65s)
2-finger Long Press		Initiate copy/paste mode (See Drag and Drop documentation for behaviour implementation)
Drag		Press, move, and release longer than a certain time threshold
2-finger Drag		Press with 2 fingers, move, and release longer than a certain time threshold
Flick		Press, move, and release within a certain time threshold
Pinch		Multi-touch - drag 2 fingers together See Gesture_Swap.flv from Phase 1 for more details
Spread		Multi-touch - drag 2 fingers apart See Gesture_Spread.flv from Phase 1 for more details
Pin & Drag		Multi-touch - hold one finger down and drag with the other finger left or right.

Common Name	Nexus One	Moto Droid	Android Core Event(s)
Tap	Touch	Touch	Single Tap Confirmed
Double-Tap	Double-Tap	Double-Touch	Double Tap Event (Up Event)
Press and Hold	Touch and Hold	Touch and Hold	Long Press
Flick	Swipe	Flick	Fling
Drag	Slide	Drag	Scroll

Documentation Callouts

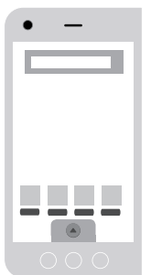
2 Numbered yellow dots are used throughout the document for annotation.

Orange text is used to callout special notes such as alternate interactions not explicitly shown in a wireframe or task flow, or items that require input/ design/investigation from the Flextronics design and/or technology teams.

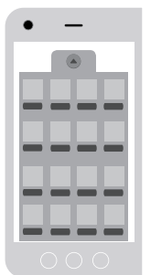
Screen Diagrams by Type

The following diagrams are purely abstracted screen views representative of screen types within the experience. These diagrams will primarily be used for application mapping the overall information architectures of the applications and for showing the connections/ interactions between screens within specific task flows. Also these may be combined and rotated to convey the different orientations (as seen in the right column).

This set will continue to grow as we continue through the project Sprints and additional applications are addressed.



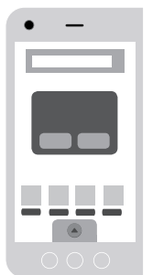
Home Screen



Application Menu

Search Results

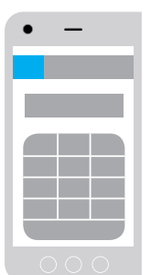
Notification Pane



Modal Dialog Notification

List View with Action Bar

List View with Action Bar + Menu



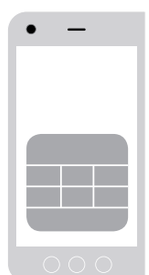
Tab Navigation (Dialer)

Long Press Menu

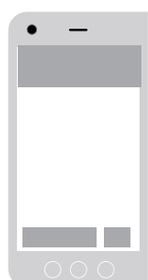
Tabbed Navigation List View

List View

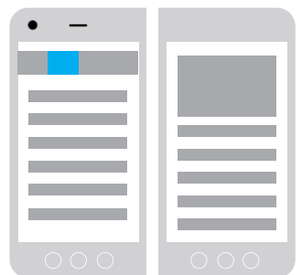
Item Detail (ex. Call Detail)

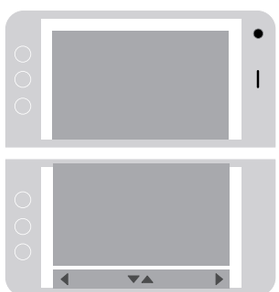


In-Call



Messaging view





Please note: These are not meant to be representative of specific screens, only as examples of how the diagrams may be used to convey the different orientations.

DESIGNING THE MESSAGING EXPERIENCE

Enhanced features, improved usability, and an extended IA structure–all based on core Android 2.2 functionality–provide for a more optimized Messaging experience by enabling more direct access to content, richer communication abilities, and task flows that are focused on efficiency and productivity.

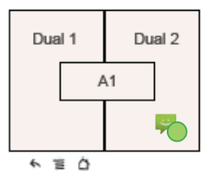
The Messaging Application is a dual-screen application that can be launched from multiple (cross-application) entry points throughout the UI—the two most common being from the Messaging application icon within the Application Menu or from a new message notification. The application follows the standard rules of the Windowing Position Model and is viewable in all orientations—the dual landscape following the full screen caveat rule.

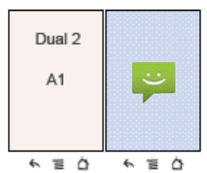
Navigation within the application utilizes the hierarchical Parent/Child application model. Within that hierarchy, the “grandparent”—the Manage View—integrates both view customization features and archival content management functionality, the ability to save messages/threads.

APPLICATION ENTRY POINTS

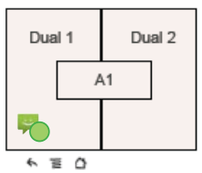
The primary way to launch Messaging is to tap the Messaging application icon from either the application menu view, or an application shortcut added to the home screen.

Launch from right screen in dual screen mode



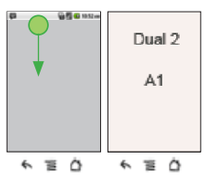


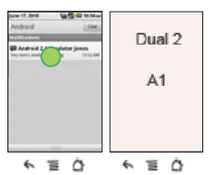
Launch from left screen in dual screen mode

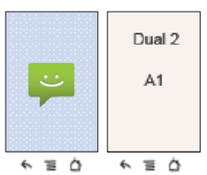


A secondary entry point is from a new message notification. Tapping a single message notification in the notification shade launches the application directly into the thread view containing the new message. If a notification of multiple new messages in a single thread is shown, the user is taken to the all threads view.

Launch from a Notification







ONCE THE APPLICATION IS LAUNCHED...

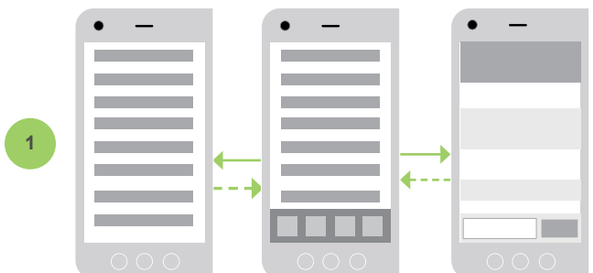
The view shown upon launching the Messaging application by defaults to the All Threads view. In the first use scenario, this view contains instructional text informing the user they may tap the icon shown within the title bar or below in the menu to compose a new message.

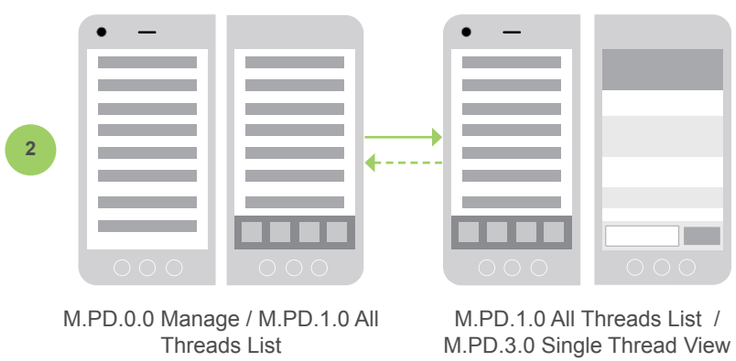
Note: The action bar shown specifically for first use is contextual containing only the options to compose or access settings. Once the user has sent or received a message, the options are amended with additional applicable functionality.

Navigation, Application Models & WPC Positioning

NAVIGATING THE APPLICATION

Primary navigation of the Messaging application happens from the “All Threads” view. A user may move deeper in the hierarchy by selecting a message from the list to view the full thread. In turn, by tapping the “Back arrow” displayed in the view header the user can access the “grandparent” view which contains management and customization functionality.



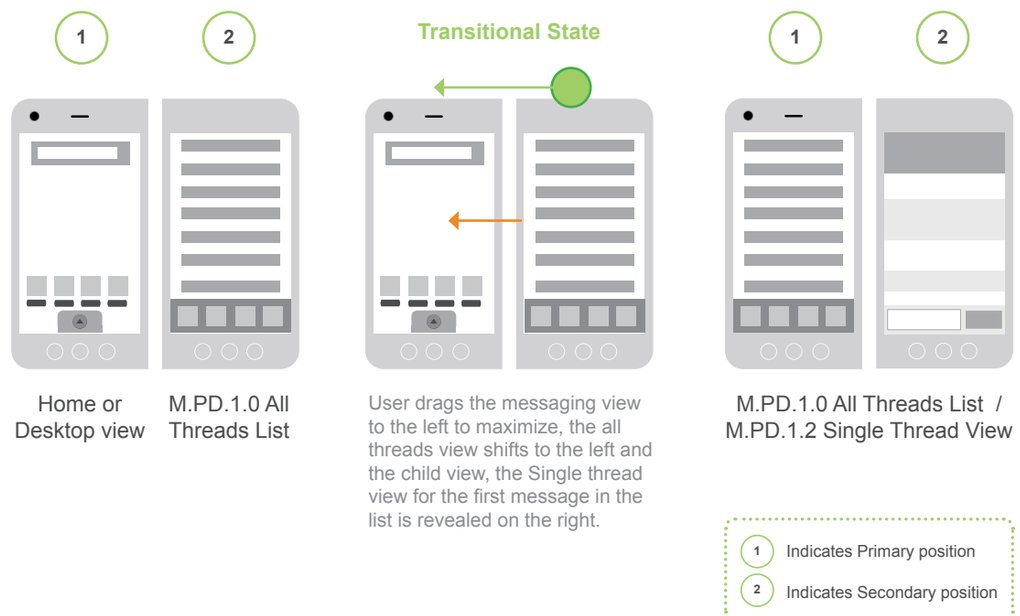


POSITIONING IN DUAL SCREEN VIEW IN THE WPC

Despite from which screen the application was launched, or currently shown—in either single or dual screen mode—when maximized by the user in dual screen mode, primary or parent views will always be shown the on the left (or front) display which is considered the primary position. Secondary views or children in certain cases are shown on the right.

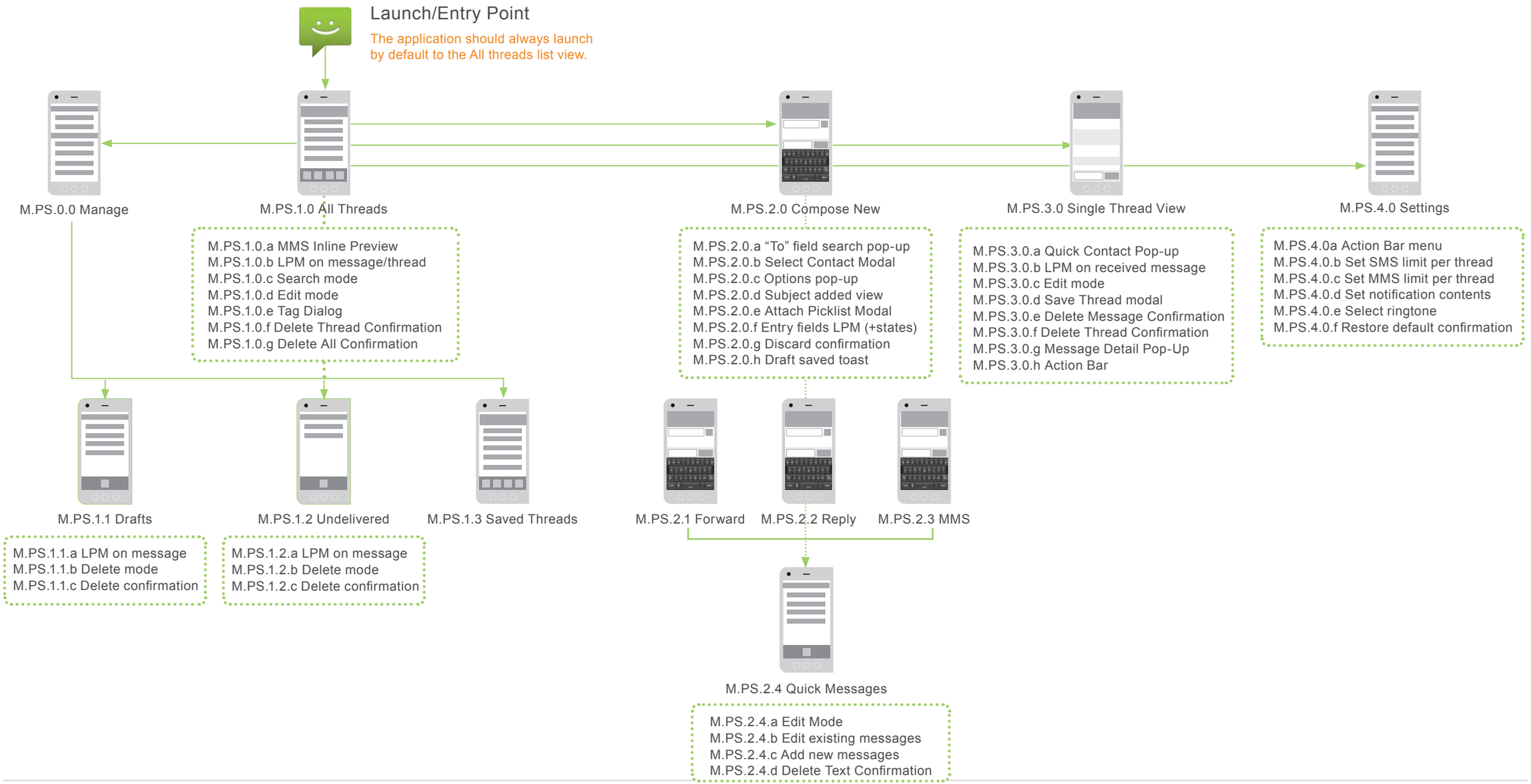
Note that this rule is only for Dual Screen Portrait and does not apply to Dual Screen Landscape, as the view in this orientation specifically follows the full screen caveat rule displaying additional or expanded content for a single view.

MAXIMIZING THE APPLICATION IN DUAL SCREEN VIEW

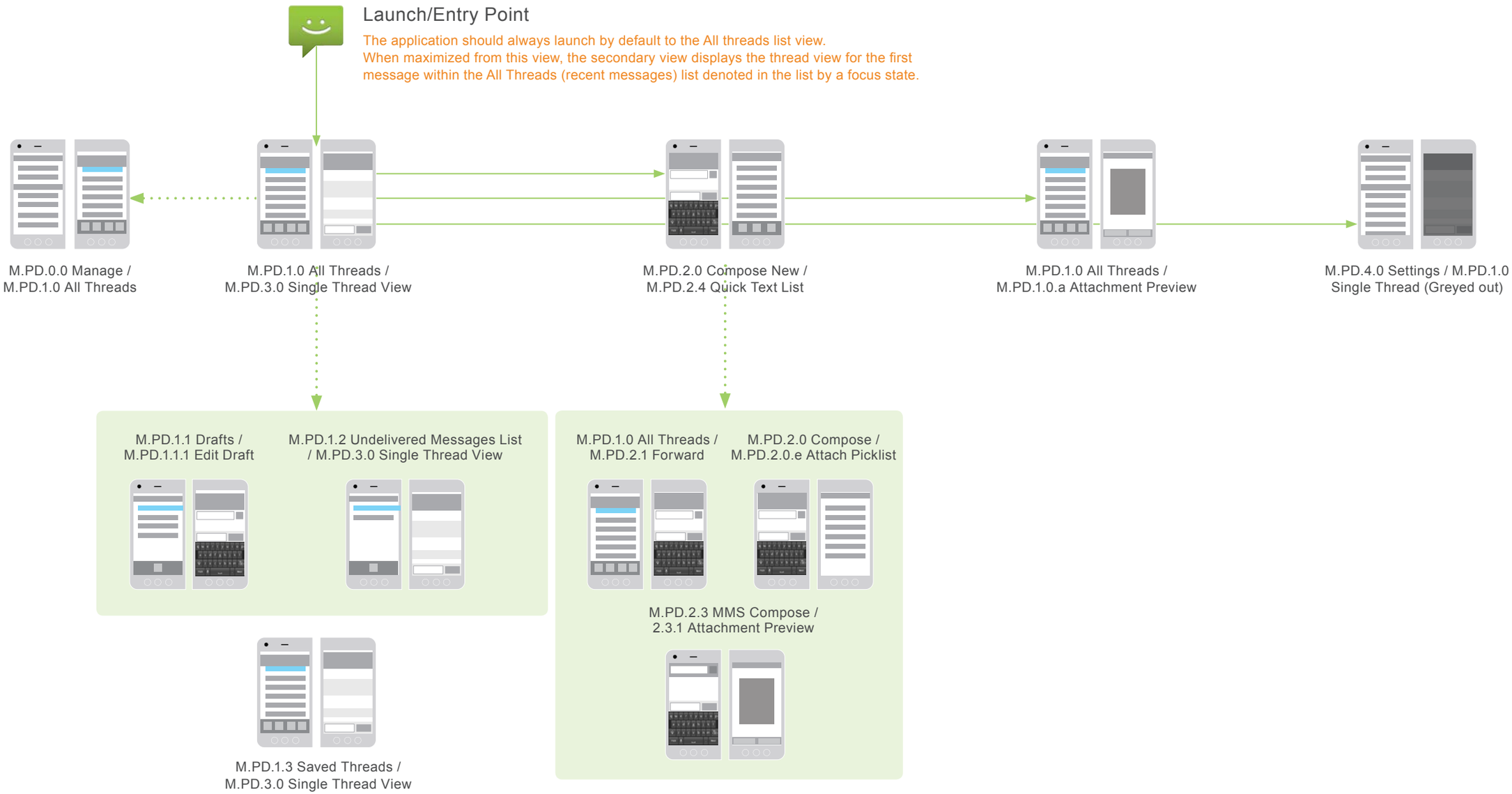


MESSAGING: **APPLICATION MAPS & SCREEN INVENTORY**

Messaging: PS Application Map



Messaging: PD Application Map



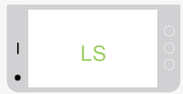
Messaging Screen Inventory

SCREEN INVENTORY

Portrait Single

X

M.PS.0.0 Manage
M.PS.1.0 All Threads
M.PS.1.0.a MMS Inline Preview
M.PS.1.0.b LPM on message/thread
M.PS.1.0.c Search mode
M.PS.1.0.d Edit mode
M.PS.1.0.e Tag Dialog
M.PS.1.0.f Delete Thread Confirmation
M.PS.1.0.g Delete All Confirmation
M.PS.1.1 Drafts
M.PS.1.1.a LPM on message
M.PS.1.1.b Delete mode
M.PS.1.1.c Delete confirmation
M.PS.1.2 Undelivered
M.PS.1.2.a LPM on message
M.PS.1.2.b Delete mode
M.PS.1.2.c Delete confirmation
M.PS.1.3 Saved Threads
M.PS.2.0 Compose New
M.PS.2.0.a “To” field search pop-up
M.PS.2.0.b Select Contact Modal
M.PS.2.0.c Options pop-up
M.PS.2.0.d Subject added view
M.PS.2.0.e Attach Picklist Modal
M.PS.2.0.f Entry fields LPM (+states)
M.PS.2.0.g Discard confirmation
M.PS.2.0.h Draft saved toast
M.PS.2.1 Forward



Landscape Single

X

M.PS.0.0 Manage
M.PS.1.0 All Threads
M.PS.1.0.a MMS Inline Preview
M.PS.1.0.b LPM on message/thread
M.PS.1.0.c Search mode
M.PS.1.0.d Edit mode
M.PS.1.0.e Tag Dialog
M.PS.1.0.f Delete Thread Confirmation
M.PS.1.0.g Delete All Confirmation
M.PS.1.1 Drafts
M.PS.1.1.a LPM on message
M.PS.1.1.b Delete mode
M.PS.1.1.c Delete confirmation
M.PS.1.2 Undelivered
M.PS.1.2.a LPM on message
M.PS.1.2.b Delete mode
M.PS.1.2.c Delete confirmation
M.PS.1.3 Saved Threads
M.PS.2.0 Compose New
M.PS.2.0.a “To” field search pop-up
M.PS.2.0.b Select Contact Modal
M.PS.2.0.c Options pop-up
M.PS.2.0.d Subject added view
M.PS.2.0.e Attach Picklist Modal
M.PS.2.0.f Entry fields LPM (+states)
M.PS.2.0.g Discard confirmation
M.PS.2.0.h Draft saved toast
M.PS.2.1 Forward

Portrait Dual

X

M.PD.0.0 Manage / M.PD.1.0 All Threads

M.PD.1.0 All Threads / M.PD.3.0 Single Thread View

M.PD.1.1 Drafts / M.PD.1.1.1 Edit Draft

M.PD.1.2 Undelivered Messages List / M.PD.3.0 Single Thread View

M.PD.1.3 Saved Threads / M.PD.3.0 Single Thread View

M.PD.2.0 Compose New / M.PD.2.4 Quick Text List

M.PD.1.0 All Threads / M.PD.2.1 Forward

M.PD.2.0 Compose / M.PD.2.0.e Attach Picklist

M.PD.2.3 MMS Compose / 2.3.1 Attachment Preview

M.PD.1.0 All Threads /M.PD.1.0.a Attachment Preview

M.PD.4.0 Settings / M.PD.1.0 Single Thread (Greyed out)

Landscape Dual

X

M.PD.0.0 Manage / M.PD.1.0 All Threads

M.PD.1.0 All Threads / M.PD.3.0 Single Thread View

M.PD.1.1 Drafts / M.PD.1.1.1 Edit Draft

M.PD.1.2 Undelivered Messages List / M.PD.3.0 Single Thread View

M.PD.1.3 Saved Threads / M.PD.3.0 Single Thread View

M.PD.2.0 Compose New / M.PD.2.4 Quick Text List

M.PD.1.0 All Threads / M.PD.2.1 Forward

M.PD.2.0 Compose / M.PD.2.0.e Attach Picklist

M.PD.2.3 MMS Compose / 2.3.1 Attachment Preview

M.PD.1.0 All Threads /M.PD.1.0.a Attachment Preview

M.PD.4.0 Settings / M.PD.1.0 Single Thread (Greyed out)

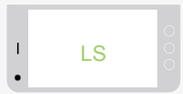
Messaging Screen Inventory (cont'd)

SCREEN INVENTORY

Portrait Single

X

M.PS.2.2 Reply
M.PS.2.3 MMS
M.PS.2.4 Quick Messages
M.PS.2.4.a Edit Mode
M.PS.2.4.b Edit existing messages
M.PS.2.4.c Add new messages
M.PS.2.4.d Delete Text Confirmation
M.PS.3.0 Single Thread View
M.PS.3.0.a Quick Contact Pop-up
M.PS.3.0.b LPM on received message
M.PS.3.0.c Edit mode
M.PS.3.0.d Save Thread modal
M.PS.3.0.e Delete Message Confirmation
M.PS.3.0.f Delete Thread Confirmation
M.PS.3.0.g Message Detail Pop-Up
M.PS.3.0.h Action Bar
M.PS.4.0 Settings
M.PS.4.0a Action Bar menu
M.PS.4.0.b Set SMS limit per thread
M.PS.4.0.c Set MMS limit per thread
M.PS.4.0.d Set notification contents
M.PS.4.0.e Select ringtone
M.PS.4.0.f Restore default confirmation
M.PS.3.0.f Save Thread modal
M.PS.3.0.g Delete Message Confirmation
M.PS.3.0.h Delete Thread Confirmation



Landscape Single

X

M.PS.2.2 Reply
M.PS.2.3 MMS
M.PS.2.4 Quick Messages
M.PS.2.4.a Edit Mode
M.PS.2.4.b Edit existing messages
M.PS.2.4.c Add new messages
M.PS.2.4.d Delete Text Confirmation
M.PS.3.0 Single Thread View
M.PS.3.0.a Quick Contact Pop-up
M.PS.3.0.b LPM on received message
M.PS.3.0.c Edit mode
M.PS.3.0.d Save Thread modal
M.PS.3.0.e Delete Message Confirmation
M.PS.3.0.f Delete Thread Confirmation
M.PS.3.0.g Message Detail Pop-Up
M.PS.3.0.h Action Bar
M.PS.4.0 Settings
M.PS.4.0a Action Bar menu
M.PS.4.0.b Set SMS limit per thread
M.PS.4.0.c Set MMS limit per thread
M.PS.4.0.d Set notification contents
M.PS.4.0.e Select ringtone
M.PS.4.0.f Restore default confirmation
M.PS.3.0.f Save Thread modal
M.PS.3.0.g Delete Message Confirmation
M.PS.3.0.h Delete Thread Confirmation

Portrait Dual

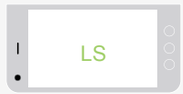
X

Landscape Dual

X

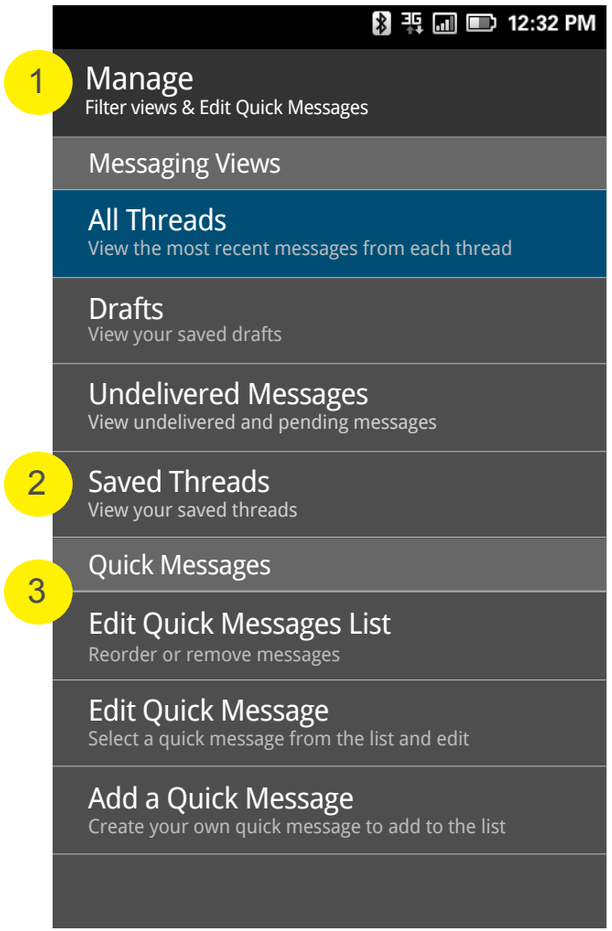
Messaging Screen Inventory (cont'd)

SCREEN INVENTORY

Portrait Single	Landscape Single	Portrait Dual	Landscape Dual
			
X	X	X	X
M.PS.4.0. Settings M.PS.4.0 Settings M.PS.4.0a Action Bar menu M.PS.4.0.b Set SMS limit per thread M.PS.4.0.c Set MMS limit per thread M.PS.4.0.d Select ringtone M.PS.4.0.e Set Vibration M.PS.4.0.f Restore default confirmation	M.PS.4.0. Settings M.PS.4.0 Settings M.PS.4.0a Action Bar menu M.PS.4.0.b Set SMS limit per thread M.PS.4.0.c Set MMS limit per thread M.PS.4.0.d Select ringtone M.PS.4.0.e Set Vibration M.PS.4.0.f Restore default confirmation		

WIREFRAMES

M.PS.0.0 Manage View



1. **Messaging Views** The first section of the Manage view for Messaging is dedicated to enabling the user to access different views of their messages and threads. Tapping on each row in the Views section filters the content displayed in the All Threads List View. All Threads is displayed by default, but the user can also view a list of only Message drafts, or only messages that have been sent but remain pending or were unable to be delivered.

2. **Saved Threads** Tapping Saved threads displays a list view similar to that of the All Threads view, however only the most recent messages from the users saved threads are displayed. From this view the user can access the single thread views for each of their saved threads.

3. **Quick Messages** Including this section within the Manage view enables users to edit the list of messages, edit the messages themselves, and customize the list by adding their own. This functionality is included here rather than being accessible direclty from the Quick Messages list itself is designed to maintain the user's task flow when they are composing a message and choose to view the Quick Messages list. Enabling users to edit at that point takes focus away from the task at hand.

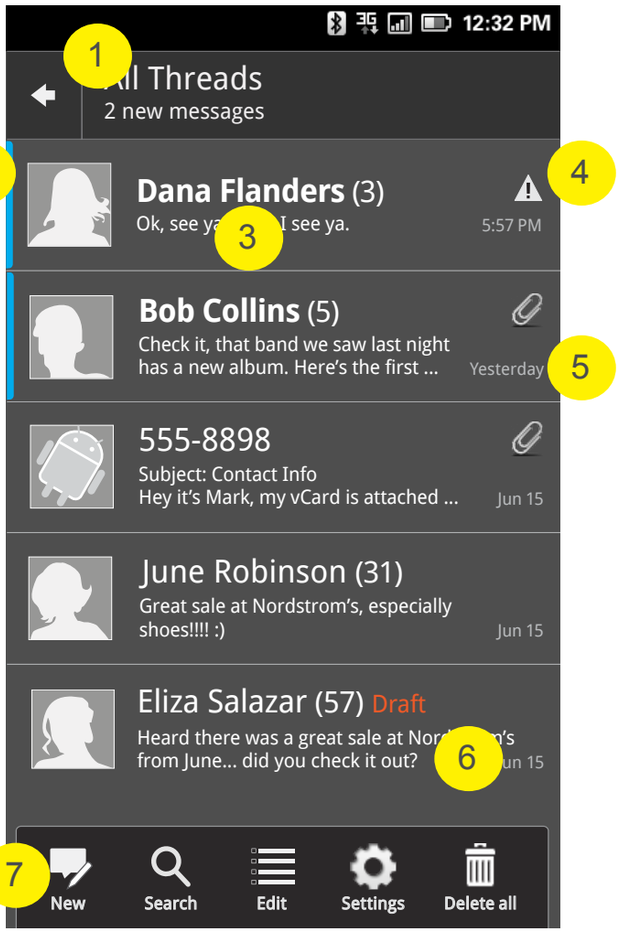
Edit Quick Messages List: Tapping this option displays the Quick Messages List Edit mode which includes functionality allowing users to reorder the messages within the list, and/or delete messages from the list.

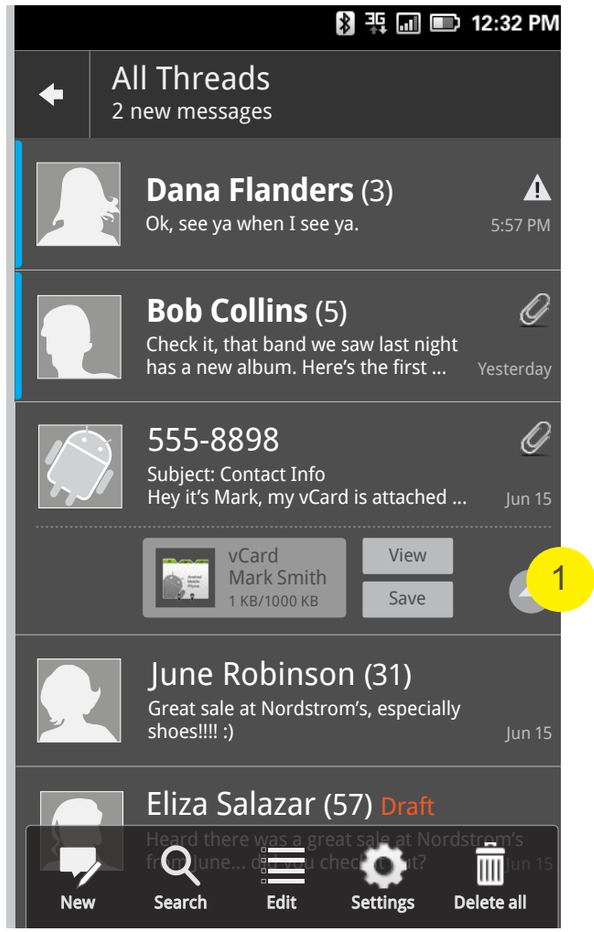
Edit Quick Message: This option displays the Edit Message mode of the Quick Messages list which consists of the default list view with the addition of "Edit" icon buttons shown inline for each message.

Add a Quick Message: Tapping this item displays the default list view with a compose overlay consisting of a variation of the standard compose lockup—Compose field header, visible keyboard below—the only variation is that rather than a Send button shown to the right of the field, the button in this context reads "Add".

WIREFRAMES **M.PS.1.0 MESSAGING LIST VIEWS**

M.PS.1.0 All Threads List & 1.0.a MMS Inline Preview





All Threads List

1. Header The messaging header displays a count of how many new/unread messages have been received.

2. New/Unread Message New/Unread messages are indicated by a colored bar shown on the far left edge of the row, and the senders name is displayed in bold.

3. Thread Item Tapping the row displays M.PS.3.0 Single Thread

4. Alert Icon An icon is displayed alerting the user if a message wasn't able to be delivered or sending has been delayed.

5. Attachment An icon is displayed if the message contains an attachment.

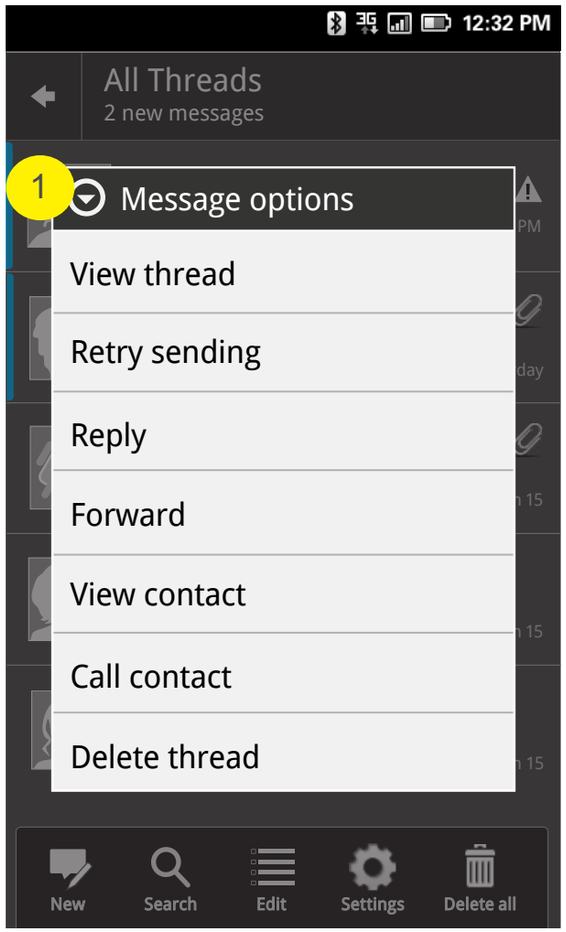
6. Draft If a draft is the latest message for a specific thread, it is shown within the All threads list and denoted by colored text, "Draft".

7. Action Bar An action bar menu displays the options to compose a new message, search messages, edit threads, access messaging settings, and Delete all threads from the application.
Note: This and any other action bar shown in this document may or may not be shown on screen and should be implemented according to Flextronics action bar guidelines which are TBD.

MMS Inline Preview

1. Expanded View functionality Tapping on the icon shown on the right for messages that contain attachments, or MMS, expands the list row enabling the user to preview the attachment and perform actions such as jumping directly to view the attachment full screen or save.
Note: The functionality associated with each type of attachment format will not be documented here, rather will default to the native Android 2.2 behaviors.

M.PS.1.0.b Long Press Menu (from message/thread)



1. Messaging Options Long Press menu Performing a long press on a message within the All threads view displays a long press menu of contextual actions associated with the message as well as the overall thread.

General options include:
View thread: Equivalent to tapping the message in the list, goes to 3.0 Single thread View

Reply (if a received message): Tapping reply displays the Single thread view in Reply or Compose view, the keyboard is visible and the focus is on the Compose field.

Forward: Tapping this option displays a compose view similar to Compose New, however the compose field is populated with the content from the selected message following the standard, “Fwd:” prefix.

Delete thread: This option when tapped displays a confirmation dialog since the action will delete the entire thread and all the messages contained within.

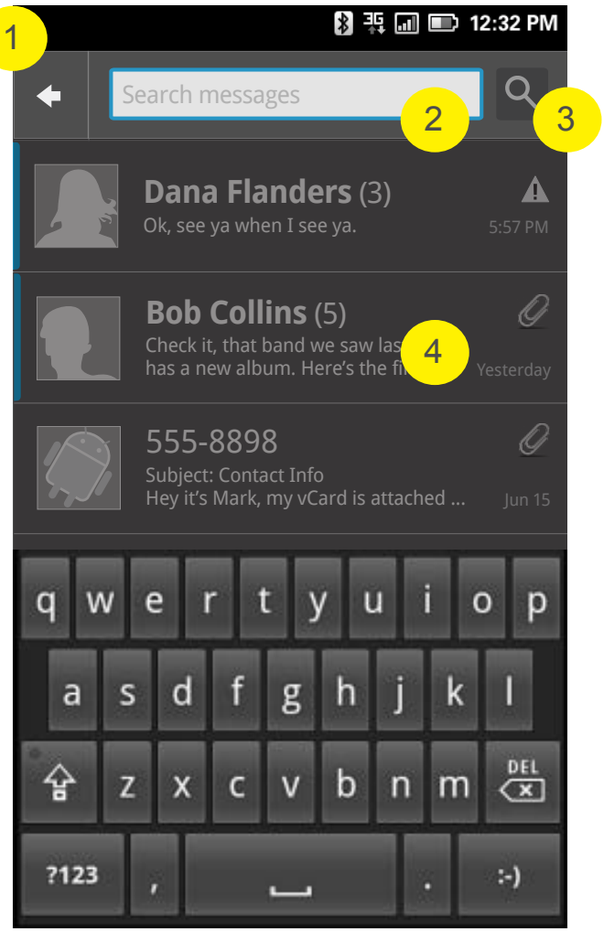
Contextual Options
Depending on the current setttings the user has applied, the message status, or if the thread is with an individual or group that is saved within the user’s contact list; additional options may be displayed. For example, in the wireframe shown, the user has long pressed on a message that has been sent but not yet delivered due to network issues and the thread is a conversation with someone who is in the user’s contact list.

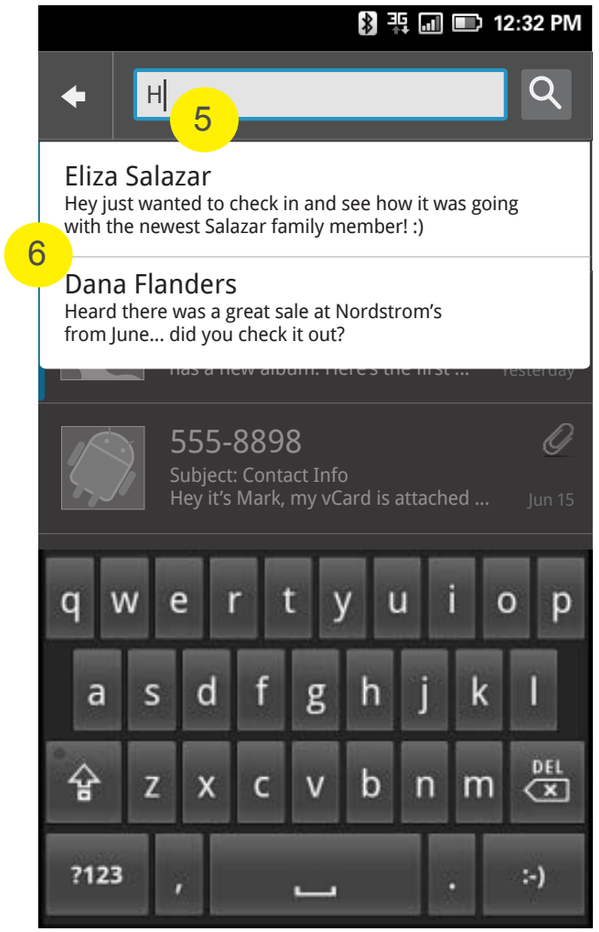
Retry Sending: Tapping this option will notify the device to attempt to send the message again.

View contact: The user can jump to the contact details view from this app, and on press of back, return to messaging.

Call Contact: Tapping “Call” launches an outgoing call to the phone number associated with the contact. The call screen is displayed over the Messaging application view.

M.PS.1.0.c Search Mode





1. Search overlay Launched by tapping Search from the Action Bar menu in the All Threads view, the search overlay is a full screen mode view. The header bar contains the search field and search icon button.

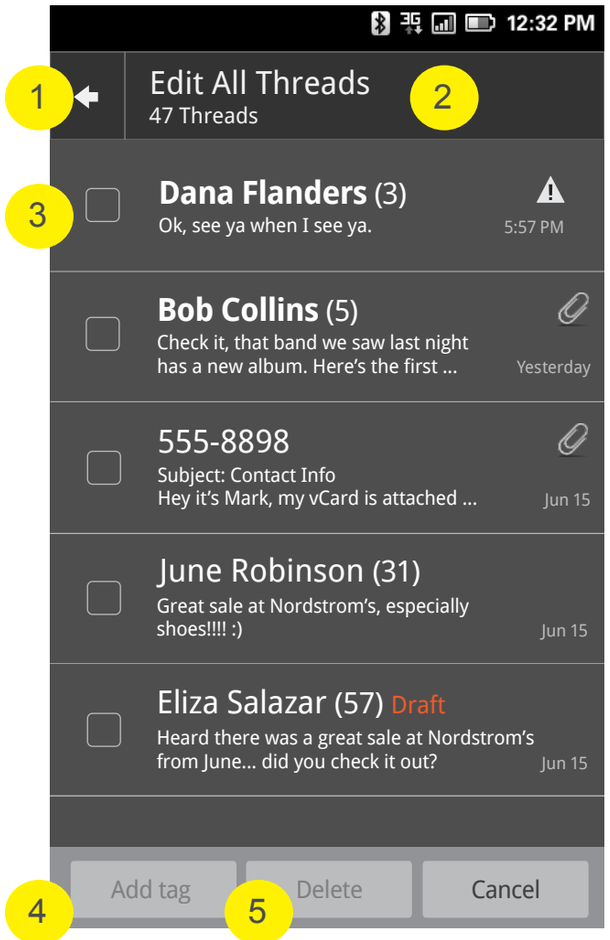
2. Search field The field is displayed in focus by default so the user can simply beginning typing to start their search.

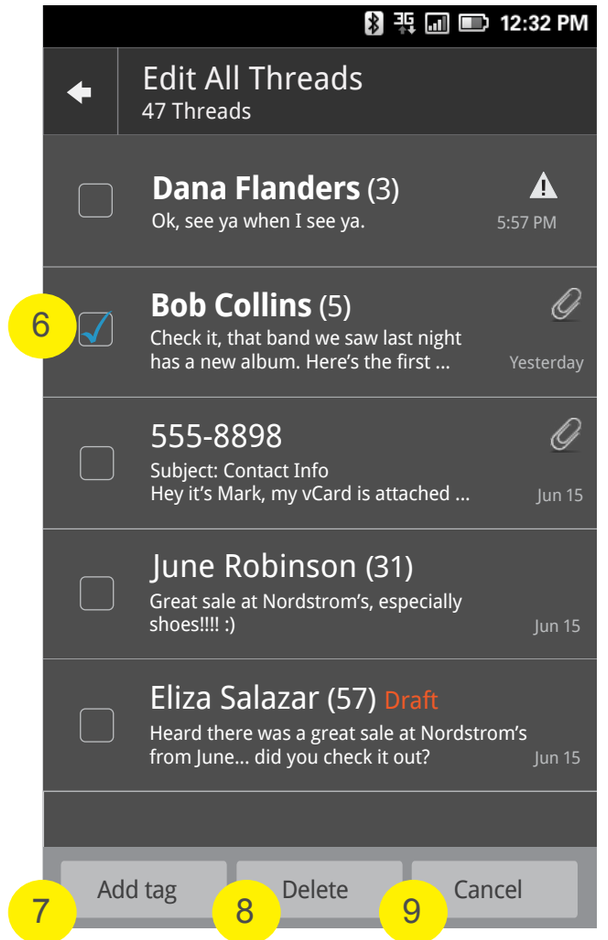
3. Search icon button Once the user begins entering characters into the search field the button becomes active and the user may tap it to initiate a search once they have completed typing.

4. Transparent overlay Because this search experience is contained within the Messaging application and its content only, a dark overlay greys out the view beneath keeping context but enabling the user to focus on the search activity.

5. & 6. Predictive results If the system finds matches as the user enters characters into the field, a dropdown like list view of possible results is shown. Tapping this list dismisses the keyboard and shows a full screen list view of search results.

M.PS.1.0.d All Threads Edit Mode





1. & 2. Header/Screen title The Edit mode view displays a header that is consistent with most list views throughout the application, however, the title shown is contextual to the view indicating to the user that they have entered an edit mode view for All Threads. The header also contains the back arrow which enables the user to exit the mode back to the previous view.

3. Inline selection A user can tap either the checkbox or the item row to make a selection.

4. & 5. Action buttons Until the user has made a selection from the list, the Add tag, and Delete buttons are displayed in an inactive state. Cancel is persistent again to allow the user to exit the edit mode easily.

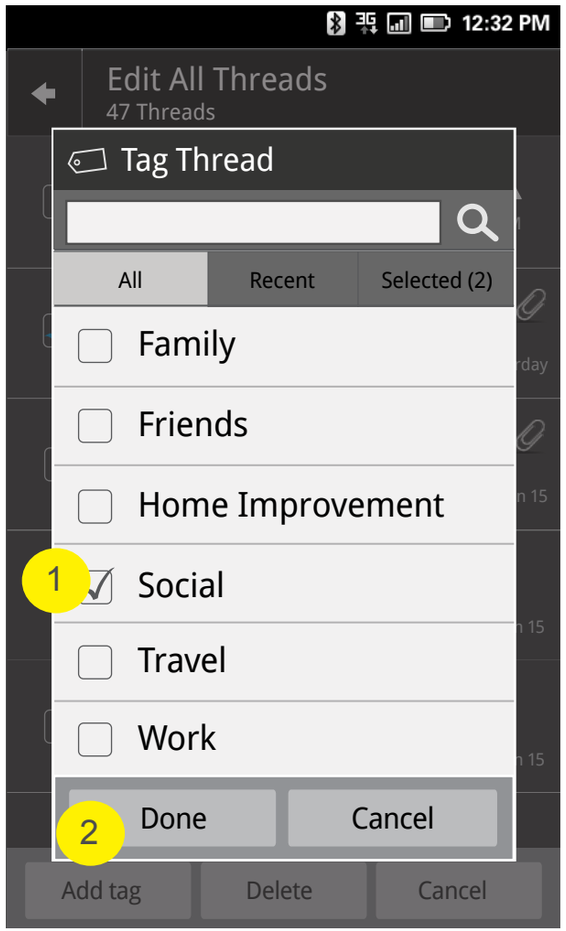
6. Selection Indication Selected messages are visually indicated by a checkmark shown in the checkbox whether the user made the selection by tapping the box or the list item itself.

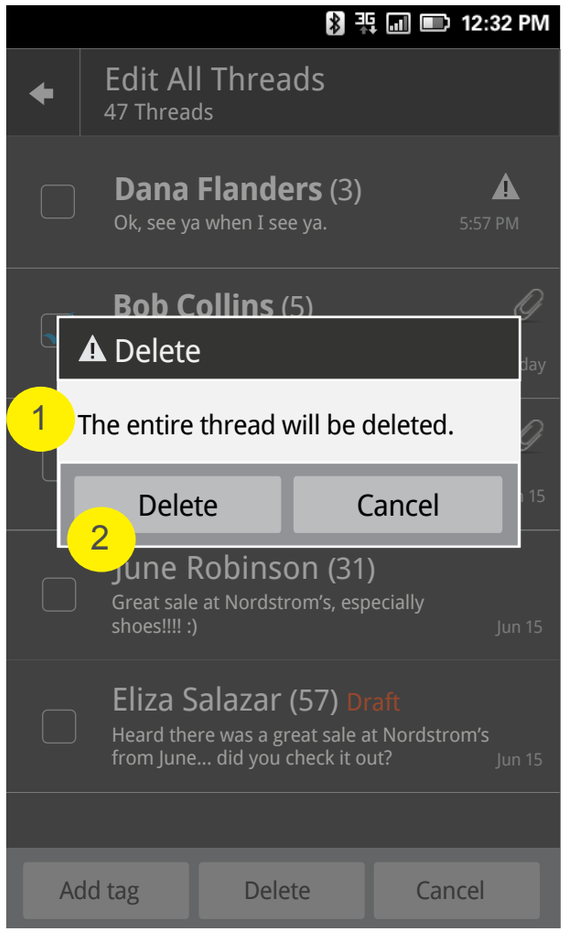
7. Add Tag Tapping the Add tag button displays the Tag Dialog so that the user may apply existing or create new tags to mark the selected thread(s).

8. Delete The Delete button enables the user to delete entire thread(s) from the list therefore from the application data. Once the user has made their selection and tapped Delete, a confirmation dialog is displayed informing the user that the entire thread will be deleted if they choose to continue. (See next page)

9. Cancel If the user chooses to tap Cancel and has not made any edits, whether or not they have made selections within the list, no changes will occur and the UI will return to the previous view.

M.PS.1.0.e Tag Dialog & M.PS.1.0.f Delete Thread Confirmation





Tag Thread Modal Dialog

1. **Select Tags** The user may tap the list row or the checkbox to make a selection.

2. **Tap Done Button** Tapping the Done button closes the dialog and updates the single thread view with the selected tags.

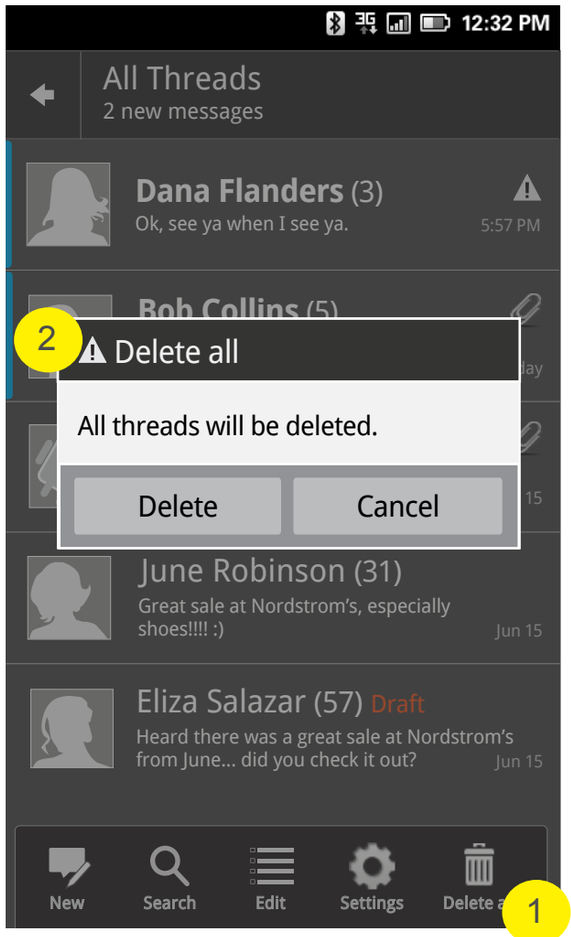
Tapping cancel or the Back button on the device dismisses the dialog without applying any changes and returns the user to the All Threads Edit mode view.

Delete Thread Confirmation

1. **Delete Confirmation Dialog** If in the Edit mode, the user has selected one or more threads then tapped Delete; a confirmation alerts the user that continuing this action will Delete the entire thread and all messages contained within.

2. **Tap Delete** If the user wishes to continue, tapping Delete commits the action and the threads are deleted from the application.

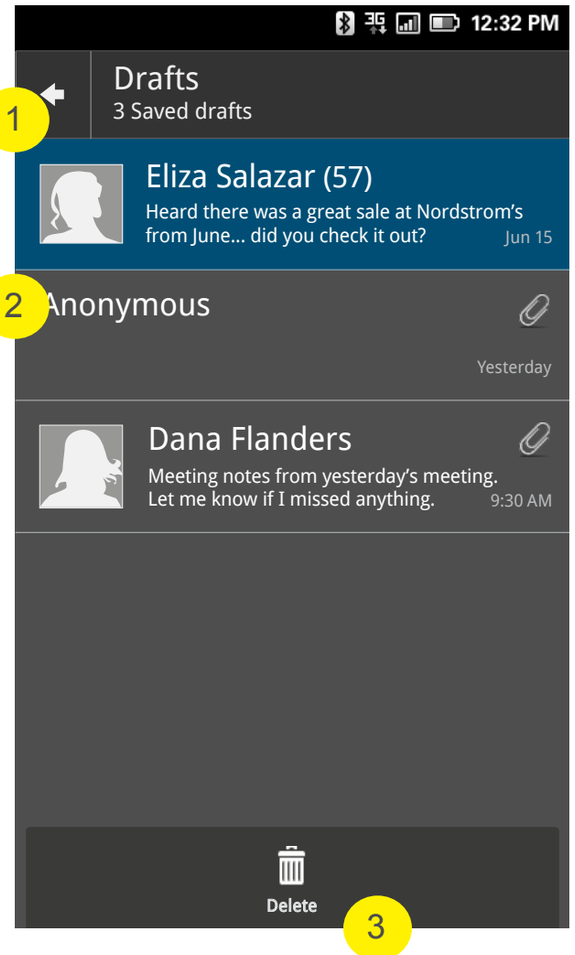
M.PS.1.0.g Delete All Confirmation

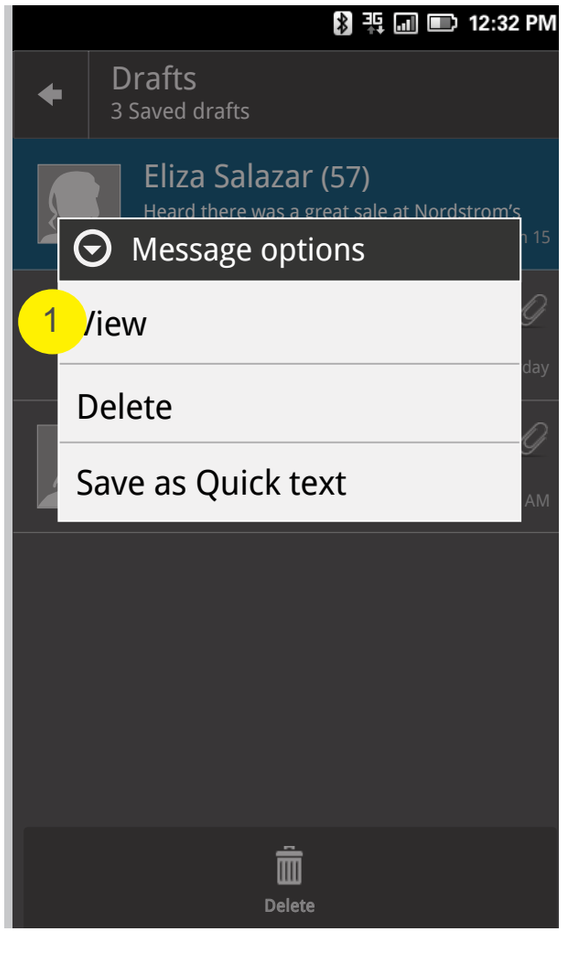


1. Delete All Functionality to delete all threads from the messaging application is only accessible from the action bar menu in M.1.0 All threads view. Tapping this option within the menu displays a confirmation dialog since this is considered a very destructive action.

2. Delete all Confirmation Dialog It is important since this confirmation dialog is similar to others used throughout the experience for deleting single messages, drafts, etc. that the wording used in both the title and the body text reinforce to the user that performing this action will delete ALL threads and all of the messages contained in each. The user may continue by tapping the delete button, or abandon (exit) the process by tapping Cancel.

M.PS.1.1 Drafts & M.PS.1.1.a List Item Long Press Menu





Drafts List

1. Header/Screen Title The user can access this view by tapping "Drafts" from the Manage view. The list header maintains a consistent format as the other messaging views, but the title and secondary information change out to provide information contextual to the view shown.

2. Draft Message A message draft is displayed similarly to a message in the all threads list, showing the recipients' contact image (avatar), their name, message contact and the time it was originally saved. The messages are displayed newer, more recent drafts at the top and older messages lower in the list. Tapping the message returns the user to the compose view with whatever content had been previously entered populated in the appropriate field. The user may choose to edit the draft or simply send the message.

If a user hasn't entered a recipient then the draft is displayed with a recipient of "Anonymous" and no contact image is shown.

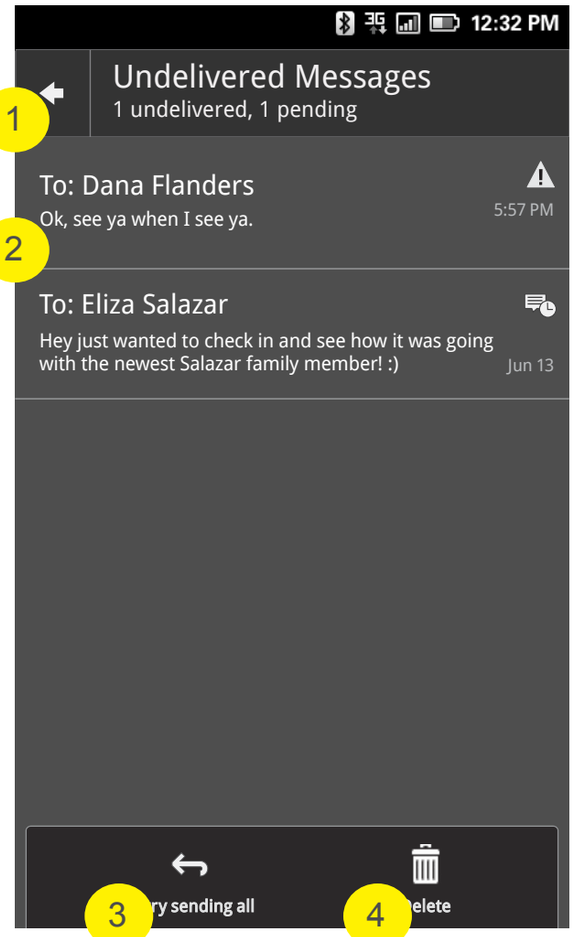
3. Action Bar Tapping the delete button within the action bar initiates a delete mode, enabling the user to delete one, multiple, or all saved draft messages.

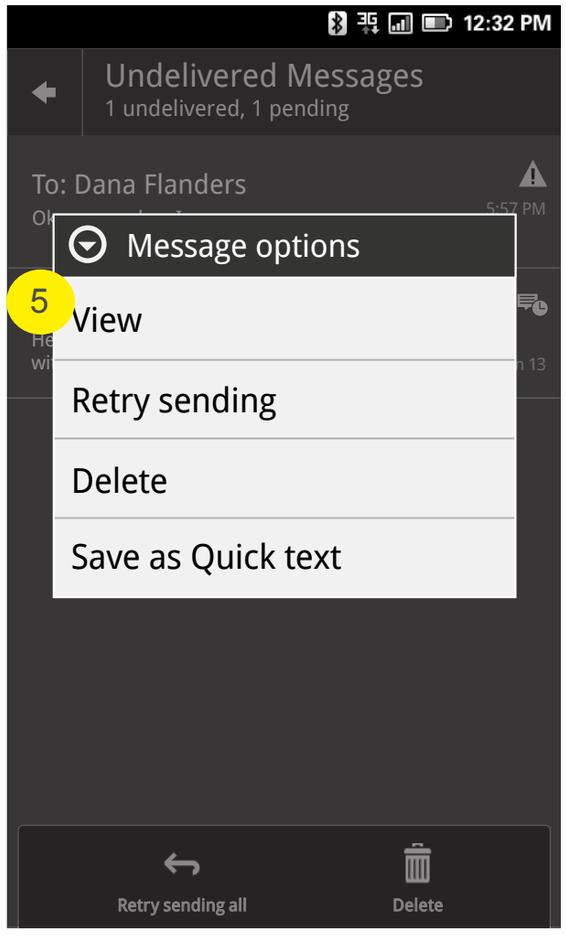
Tag Thread Modal Dialog

1. Long Press Menu Performing a long press on a message displays a modal picklist of messaging options:

- View: Opens the message in the compose view (any content previously entered in either field To or Compose, Subject, and/or content attached will be reflected in the view.
- Delete: Displays a delete confirmation dialog
- Save to Quick Messages: Tapping this option within the menu saves the message content to the Quick Messages list for future reuse.

M.PS.1.2 Undelivered Messages List & M.PS.1.2.a List Item Long Press Menu





Undelivered List

1. Header Screen title: Undelivered Messages, and count of unndelivered and/or pending messages currently in the queue.

2. Undelivered Message List Item An undelivered message is one that the user has tried to send but has experienced an error (network not responding, etc.) The list is displayed in the order of most recent at the top and the message content is shown similarly to other list views, with the exception of the absence of the contact image and the display of “To:” before the recipient.

An error icon is shown after the first sending attempt

Upon retrying, a sort of “sending in progress/queue” icon is shown

3. & 4, Action Bar Tapping “Retry sending all” does a bulk resend of all the messages in the list. Tapping “Delete” enters the list into a delete mode in which the user can choose to select one, multiple, or all threads to delete.

Undelivered Message Long Press Menu

1. Long Press Menu Performing a long press on the item in the list displays the following options:

- View: Displays the single thread view for the selected message
- Retry Sending: Prompts the device/system to perform another Send attempt
- Delete: Upon tap, a confirmation dialog is displayed informing the user that the message from which the menu was launched [the single message only, not the associated or source thread] will be deleted.
- Save to Quick Messages: Tapping this option within the menu saves the message content to the Quick Messages list for future reuse.

WIREFRAMES **M.PS.2.0 COMPOSE VIEWS**

M.PS.2.0 Compose New

1. "To" field By default upon choosing to compose a "New" message the To field is displayed in focus and the keyboard is visible.

2. Quick jump to Contacts Tapping this button displays a "Select a contact" view of the A-Z contacts list enabling the user to choose one or more which are then shown in the To field once the user commits the selection.

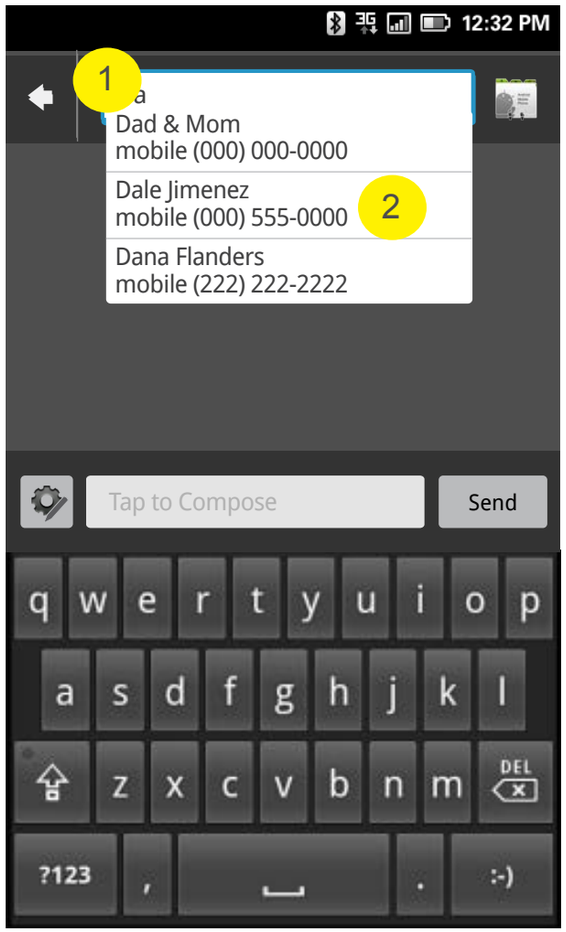
3. Thread Area This area of the compose view is reserved for messages within a thread. In the case shown no messages exist yet, but once the user has sent a message to a new recipient the message will be displayed in this area.

4. Compose options button Tapping this button displays a pop-up menu containing the options to add a subject, add an attachment, insert smiley, save to quick messages and/or discard the message.

5. "Compose" field Tapping this field applies focus, enabling the user to enter content within the field.

6. Send Button Tapping this button sends the message. A user must enter a recipient in order to send a message, otherwise a dialog is shown alerting them to enter a phone number or enter a valid recipient.

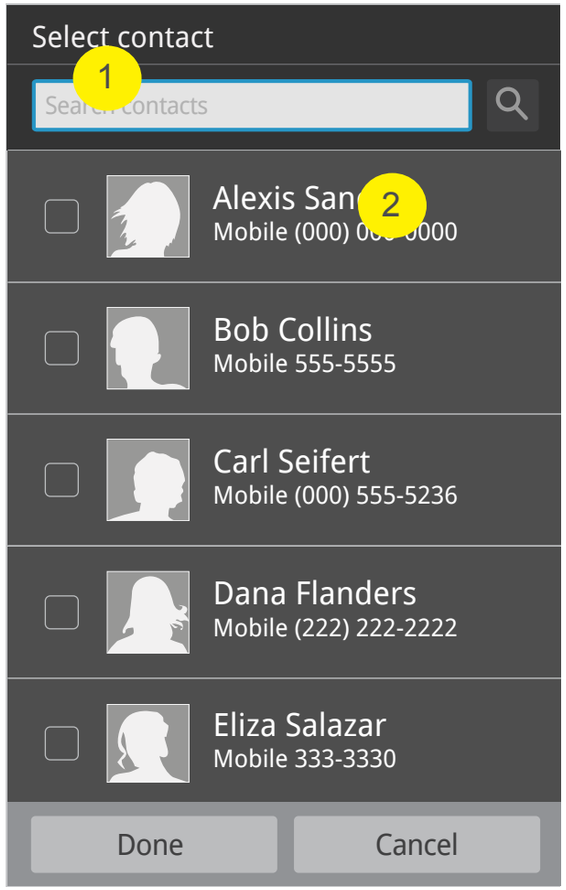
M.PS.2.0.a Predictive “To” Search



1. Predictive Dropdown As the user enters characters into the field, possible matches from the user’s contact list are displayed providing quick access and entry if a result for the desired recipient is shown.

2. Tap a list item to select and auto-enter recipient

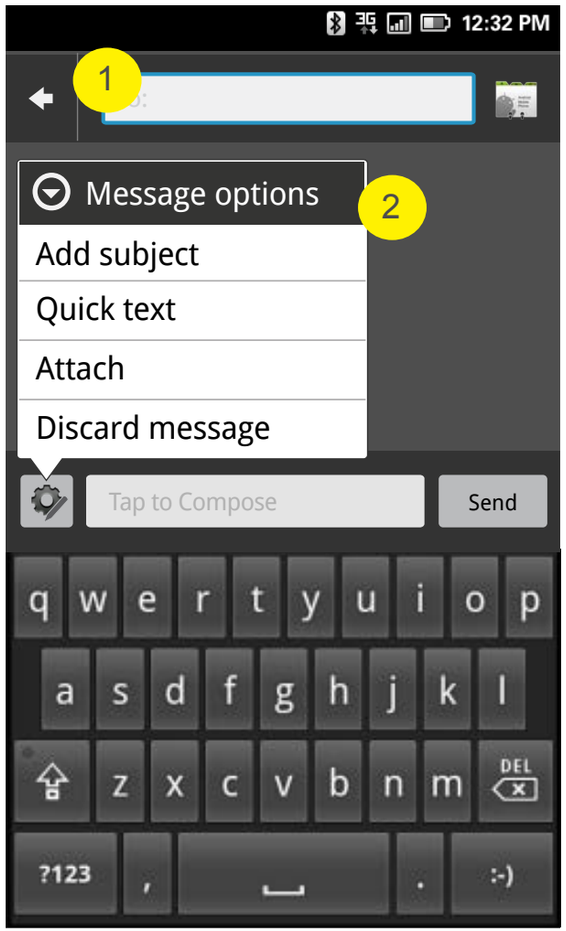
M.PS.2.0.b Select Recipient from Contacts Modal



1. **Predictive Dropdown** As the user enters characters into the field, possible matches from the user's contact list are displayed providing quick access and entry if a result for the desired recipient is shown.

2. **Tap a list item to select and auto-enter** recipient

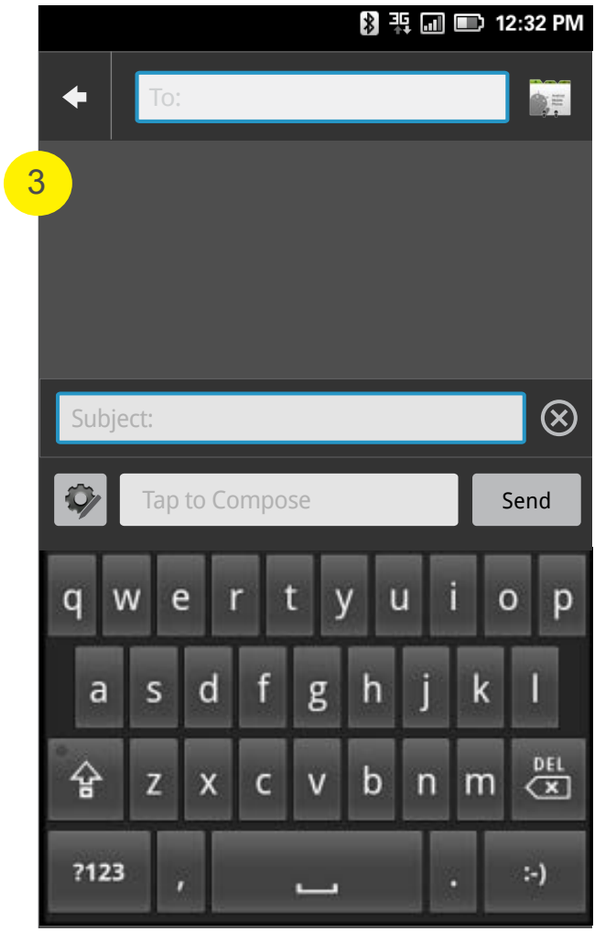
M.PS.2.0.c Options Pop-up



1. **Predictive Dropdown** As the user enters characters into the field, possible matches from the user's contact list are displayed providing quick access and entry if a result for the desired recipient is shown.

2. **Tap a list item to select and auto-enter** recipient

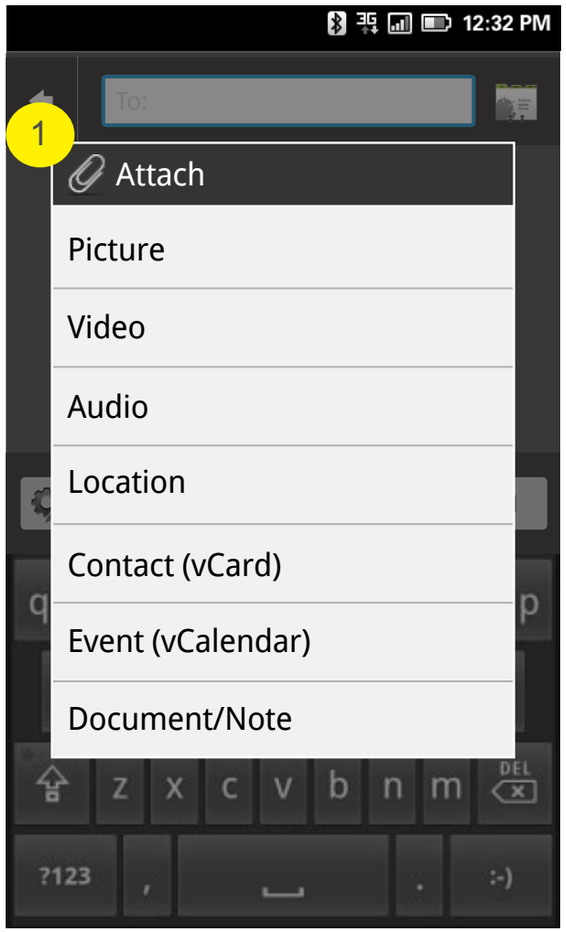
M.PS.2.0.d Add Subject



1. Subject Field If the user has chosen Add Subject from the compose view Action Bar menu, an additional field is displayed within the Compose view below the View header containing the To field. Upon adding, the subject field is shown in focus and the user may enter a subject immediately.

While many users rarely include a subject for an SMS message, a subject may be include automatically if the message includes attached content which converts the text message to an MMS. Subjects are displayed within the thread view in a message as <Subject: Example Subject> - [Message content]

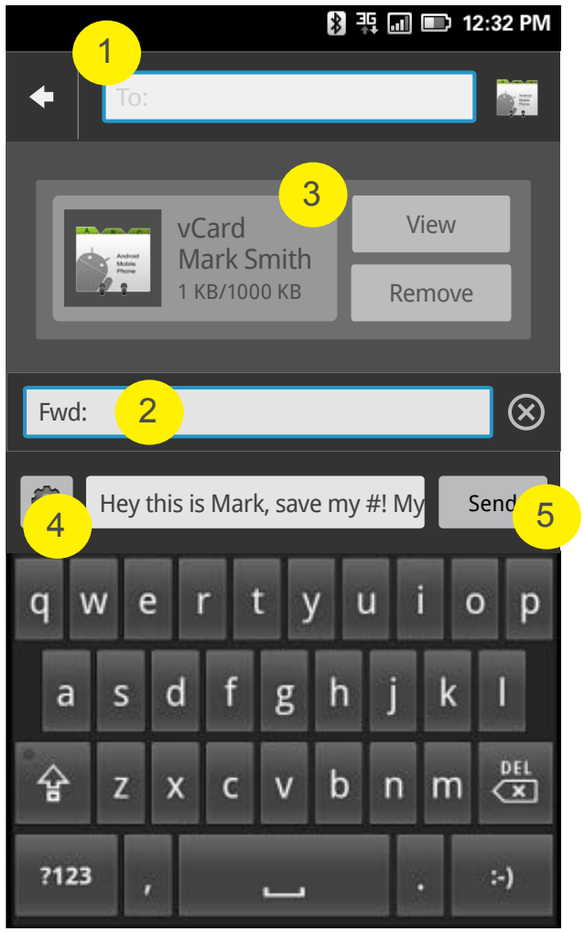
M.PS.2.0.e Attach Picklist Modal



1. Attach Picklist Modal Initiated by tapping attach in the Action Bar menu, the picklist contains the following file types a user may attach:

- Picture: Tapping this option displays a second modal enabling the user to choose to attach a photo from the gallery or take a new photo with the camera
- Video: Tapping this option displays a second modal enabling the user to choose to attach a video from the gallery or capture video
- Audio: Tapping this option again displays a modal to choose existing audio or record new audio
- Location: enable the user to find and attach a link to a location on a map, or use GPS (when active) to attach their current location
- Contact: The user may choose from their list of contacts to attach a vCard
- Event: Selecting an event from their calendar, the user can attach it via a vCalendar attachment
- Document/Note: This option is a recommended addition however may require investigation as to the type of file and/or application would enable this functionality

M.PS.2.1 Forward



1. "To" field By default upon choosing to forward a message, the To field is shown in focus. The compose view for forwarding a message more closely resembles composing a new message rather than replying to a thread because the message content being forwarded is no longer associated with its thread.

2. Subject Fwd: When forwarding a subject is added indicating that the message is a forward. The user may edit or remove the subject.

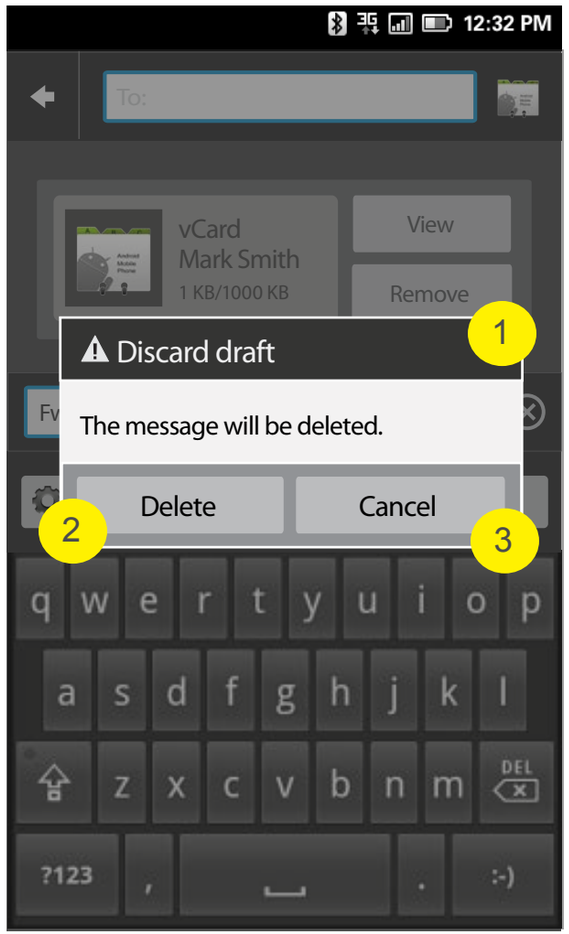
3. Attached content If an attachment is part of the message content, the standard preview image along with any functionality associated with the specific content type is displayed within the "thread area".

4. "Compose" field The compose field is automatically populated with the message content.

5. Send Button Tapping this button sends the message. A user must enter a recipient in order to send a message, otherwise a dialog is shown alerting them to enter a phone number or enter a valid recipient.

If the message is forwarded to a recipient that currently has no existing thread with the user, a new thread is created. If the user forwards the message to a recipient/contact with an existing thread, the message is added and indicated as a forwarded message in the single thread view.

M.PS.2.0.g Discard Confirmation

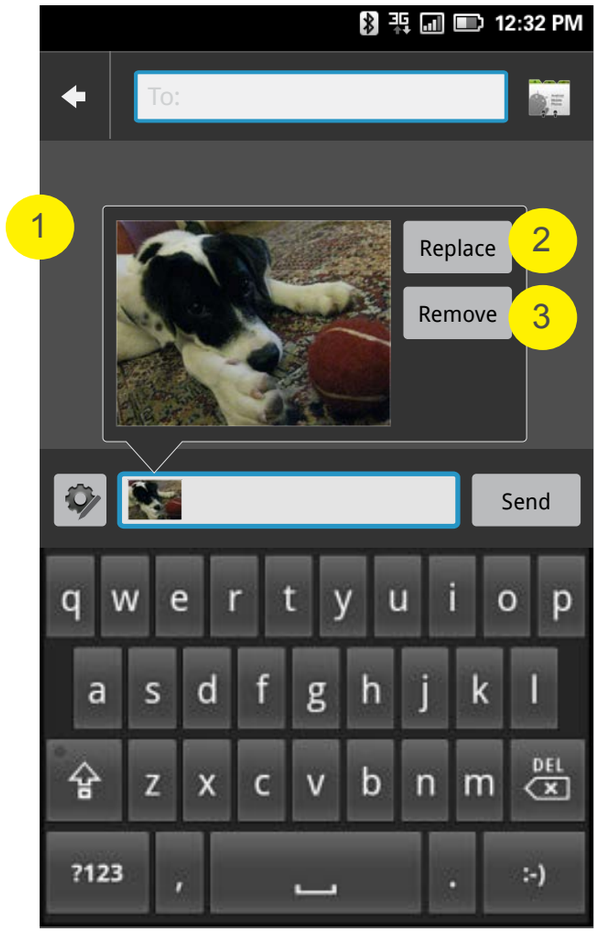


1. This dialog is displayed upon tapping the Options icon, and then selecting ‘Discard Message’ from M.PS.2.0.c Options Pop-Up.

2. **Delete Button** Upong tapping the Delete button, the new message is deleted and the screen from which the user tapped to add/fwd/etc is displayed.

3. **Cancel Button** Tapping ‘Cancel’ does not delete the message and displays compose/reply/forward screen.

M.PS.2.3 Compose MMS

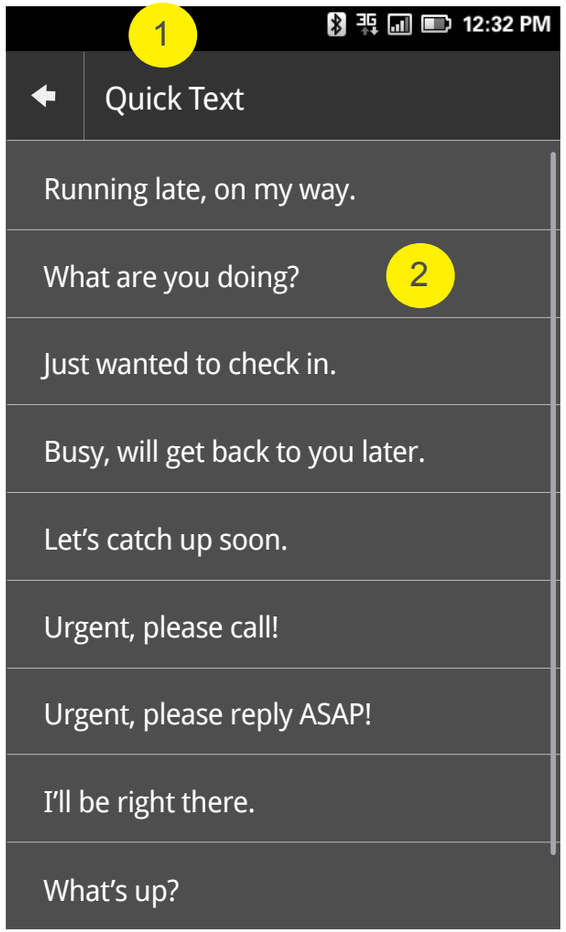


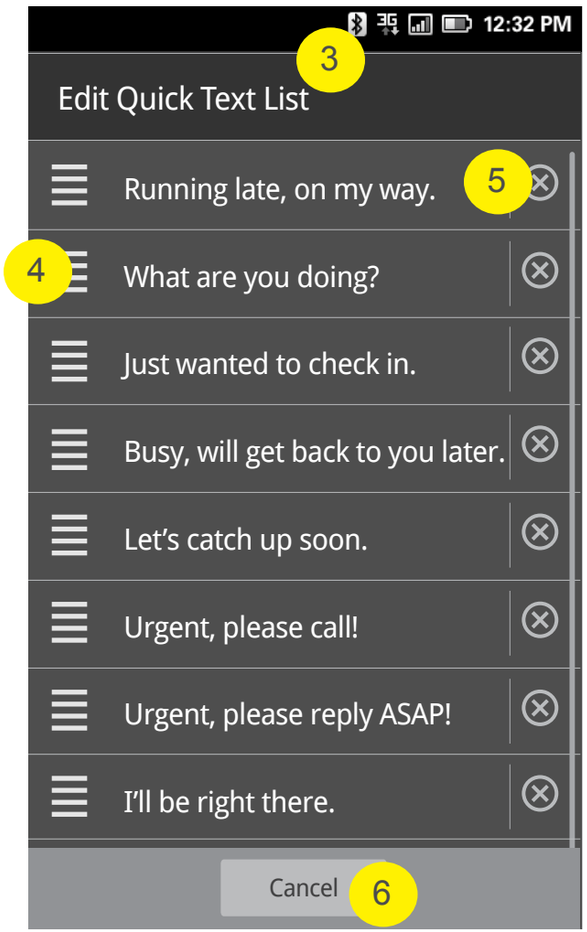
1. Inline attachment preview In the scenario shown the user has selected a photo to attach. The photo is shown inline within the thread area as a preview image. Tapping the preview displays a full screen one-up view from the Gallery application.

2. Replace Tapping replace returns the user to the application and view from which they initially selected content to attach enabling them to make a different selection which will then replace the previously chosen content.

3. Remove The remove button removes the attachment converting the message back to an SMS. (A simple toast is displayed notifying the user of the message type change)

M.PS.2.4 Quick Text, M.PS.2.4.a Edit Quick text list





1. **Quick Messages** The user can access this view through the message options menu on the compose message screen.

2. Tapping a message inserts the message into the compose field from which the Quick Message list was initiated.

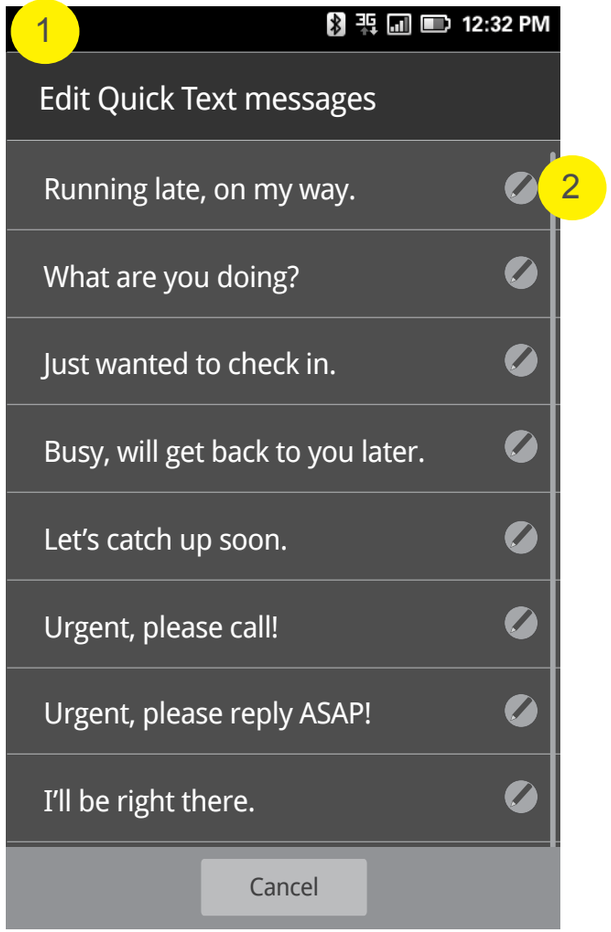
3. **Edit Quick Text List** User can access this view by tapping 'Edit Quick Messages List' from M.PS.0.0 Manage.

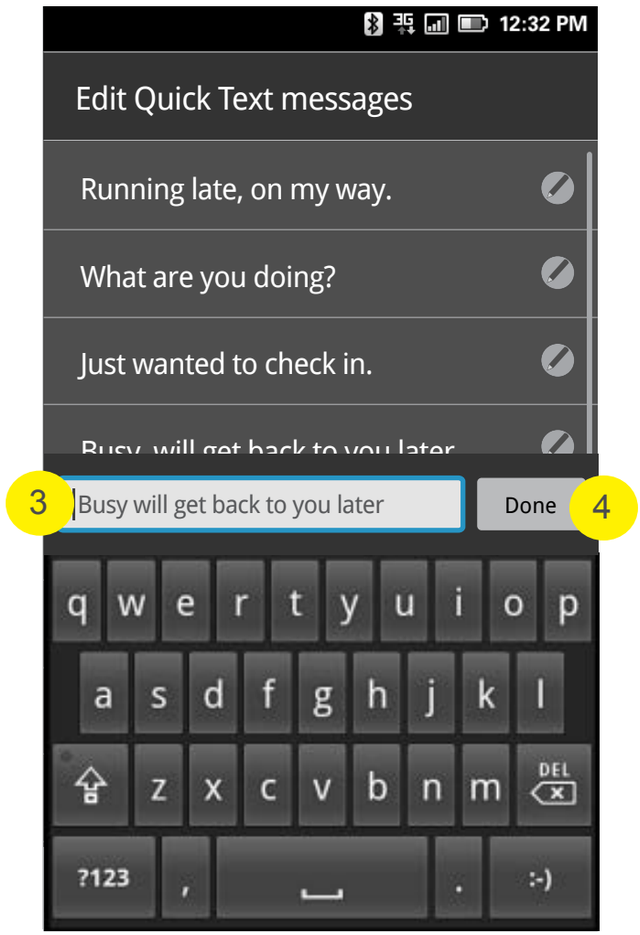
4. **Move Items** Items in this list can be reordered by dragging and dropping an item into a new position.

5. **Delete Button** Tapping the 'Delete' button for any item in the list displays M.PS.2.4.d Delete Text Confirmation.

6. **Cancel Button** Tapping 'Cancel' displays M.PS.0.0 Manage.

M.PS.2.4.a Edit Mode, M.PS.2.4.b Edit Existing Messages





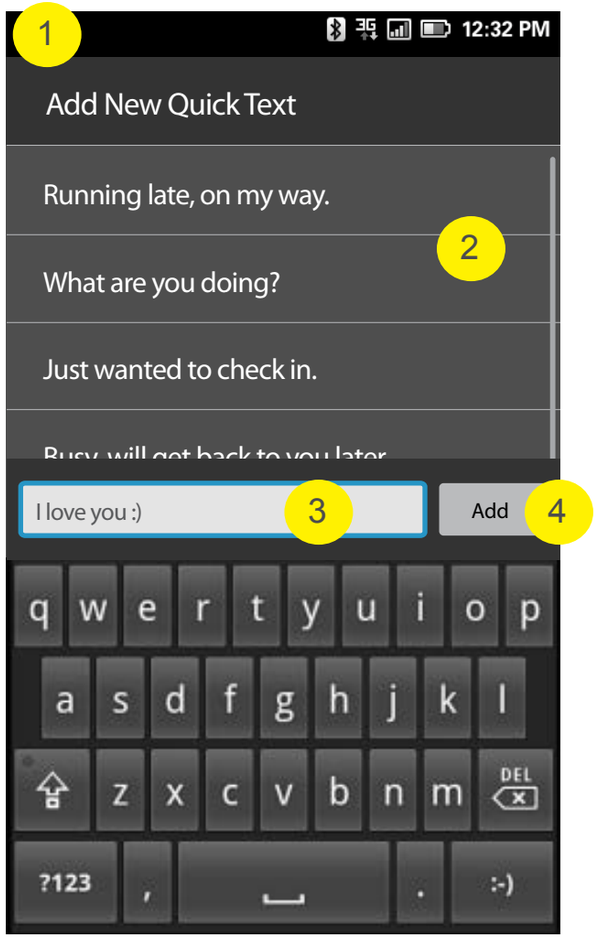
1. **Edit Quick Text Messages** User can access this view by tapping 'Edit Quick Message' from M.PS.0.0 Manage.

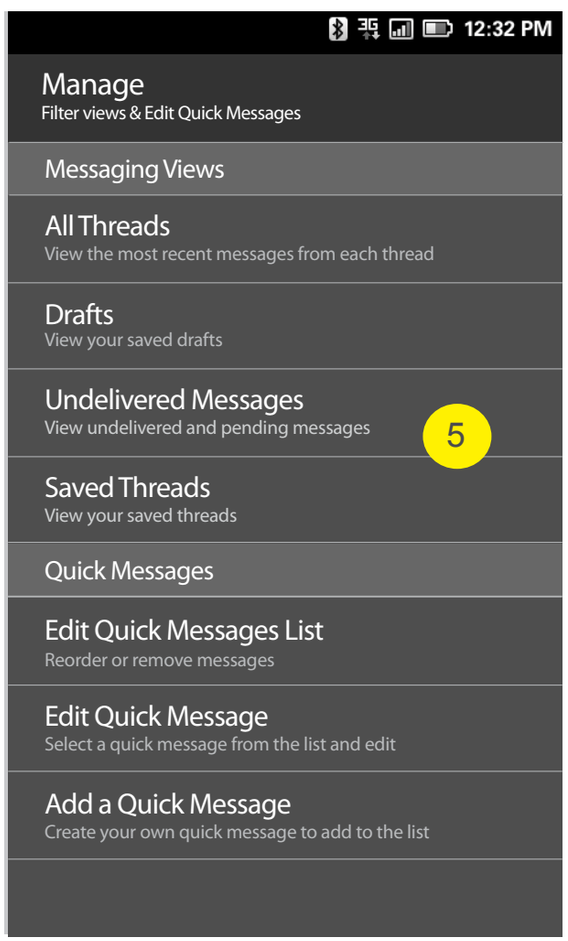
2. **Edit button** Tapping 'Edit' button displays M.PS.2.4.b Edit Existing Messages.

3. **Edit Field** The selected message appears in a field. The user can edit the text here.

4. **Done Button** Tapping 'Done' button displays M.PS.2.4.a Edit Mode, with updated text.

M.PS.2.4.c Add New Messages , M.PS.0.0 Manage





1. **Add New Quick Text** User can access this view by tapping 'Add a Quick Message' from M.PS.0.0 Manage.

2. List of all quick messages is displayed.

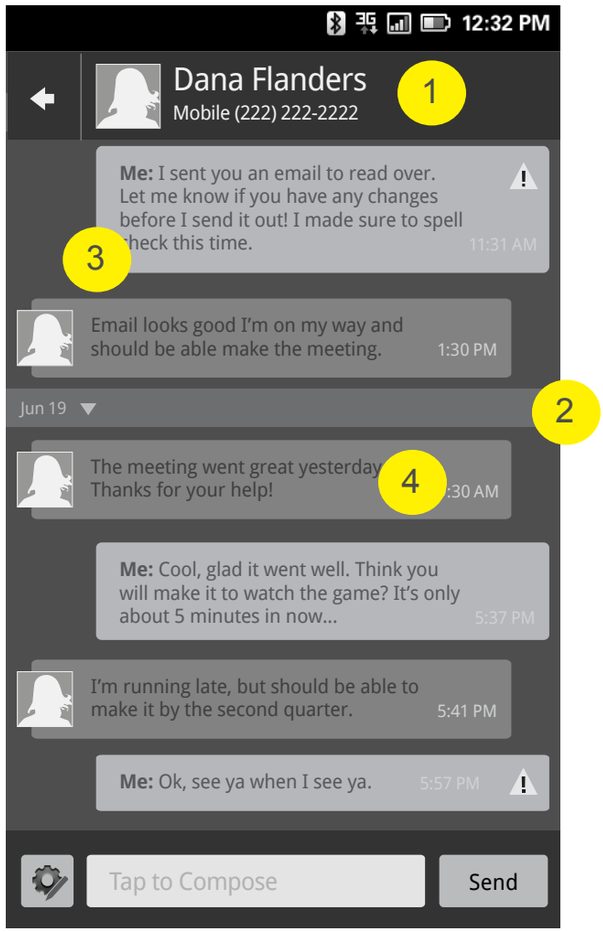
3. **Add Field** User enters text of new message here.

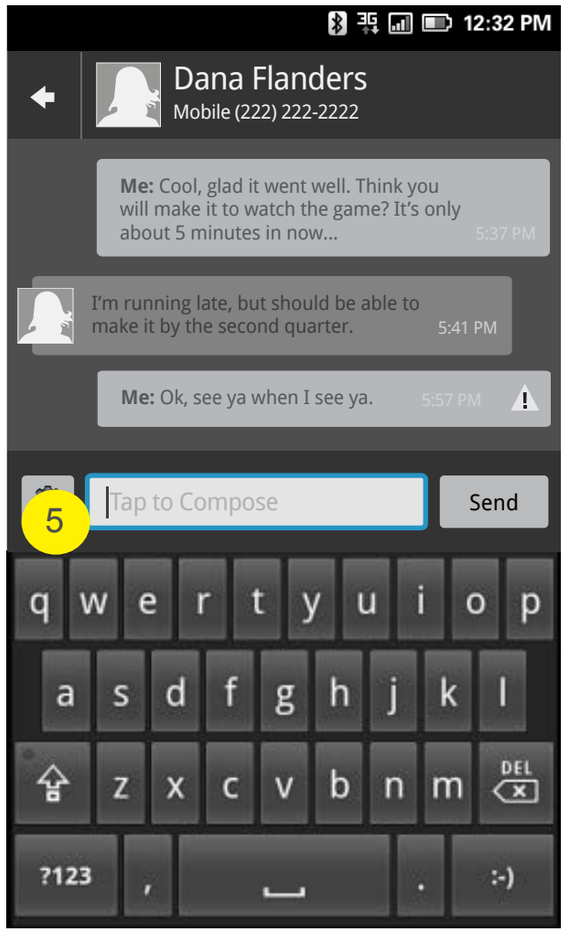
4. **Add Button** Tapping 'Add' button displays M.PS.0.0 Manage, with updated text.

5. The manage screen is displayed.

WIREFRAMES **M.PS.3.0 SINGLE THREAD VIEWS**

M.PS.3.0 Single Thread View & M.PS.2.2 Reply





1. Thread View Header The header of a single thread view includes:

- An image for the contact, or default placeholder image if not a contact
- The name and method of communication used to communicate with the contact

2. Date divider A date bar is displayed between each section of messages denoting the date and/or time period in which the messages were sent/ received. The user can expand or collapse these sections by tapping the control within the bar. By default, the most recent group of messages in the thread should be shown open/expanded.

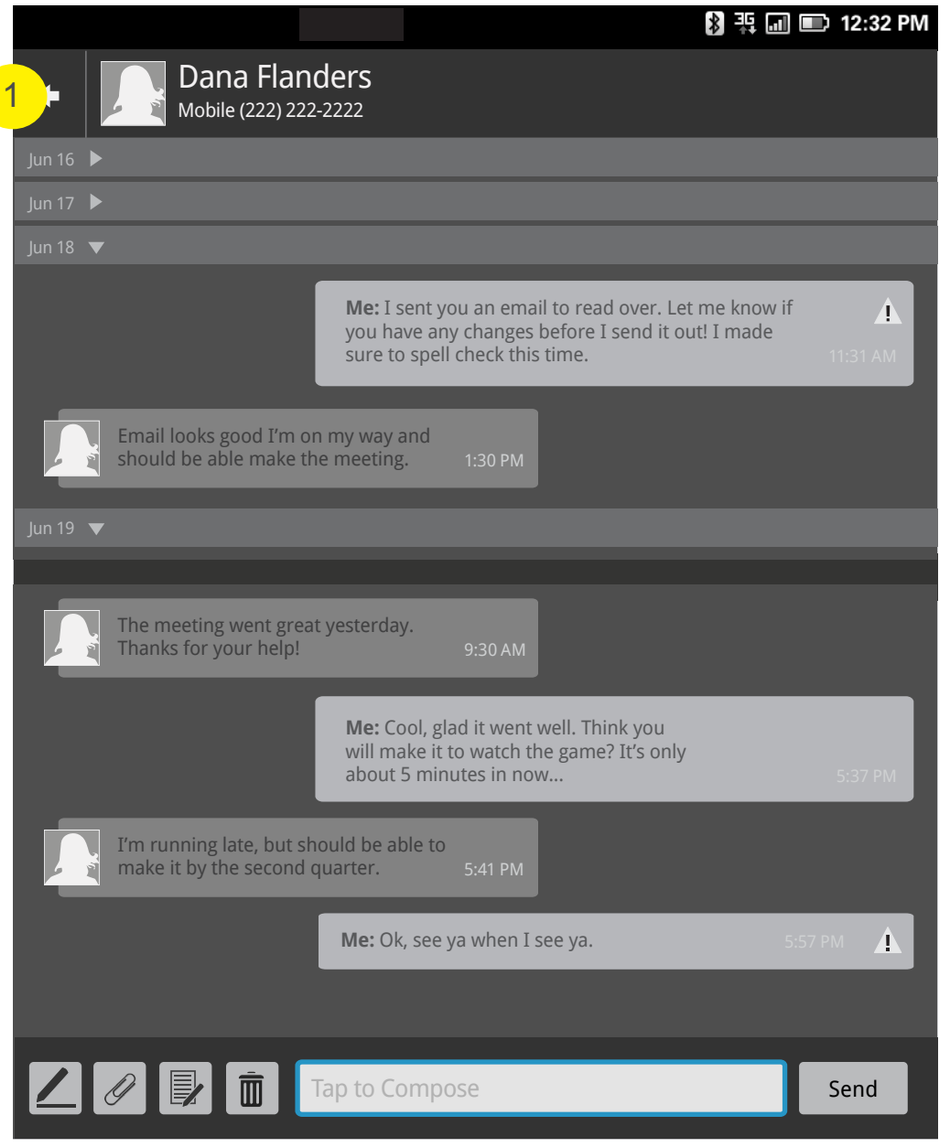
Messages within the thread use a similar format for the content and time stamp within the "chat bubble". Content is shown first in the primary text color and a secondary text color is used to display the timestamp below.

3. Sent Message Messages sent by the user are denoted by a different background color than those received and do not contain the user's contact image.

4. Received messages Messages received by the user display the senders contact image. In the case of a group thread, the user is able to distinguish each contact that has contributed to the thread.

5. Reply When the user taps the compose field, focus is applied and the keyboard transitions up from the bottom of the screen. The user can then type a reply or add a new message to the thread.

M.LD.3.0 Single Thread View



1. Full screen landscape dual Single Thread view In messaging landscape dual views, the rule of "full screen caveat" is applied. The full display area is dedicated to the single thread view. The chat "bubbles" and other controls scale to fit the width of the landscape orientation.

The additional width and height provides a richer view of more messages within the thread along with the ability to expose each of the options associated with message composition as buttons to the left of the entry field.

See M.PS.3.0 Single Thread view for more details on the base template view.

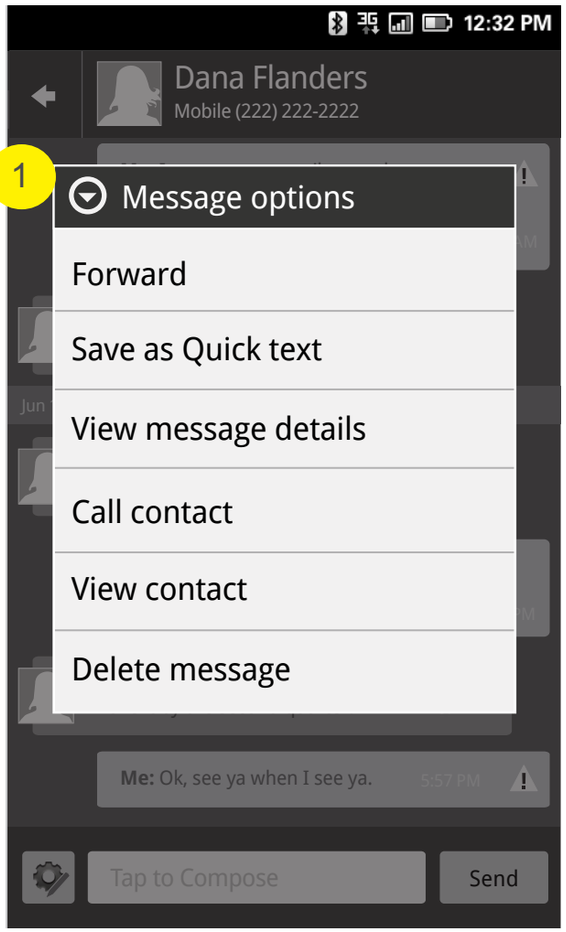
M.PS.3.0.a Quick Contact LPM from Contact Image

1. Contact Quick Action Long Press Menu Performing a long press on the contact image anywhere within the UI displays a pop-up menu containing contextual actions available for the contact based on the information and data related to their contact record.

The QuickContact menu (or badge) provides instant access to a contact's information and communication modes. Tapping the contact photo and select to call, SMS, or email the person. Other actions can also be included if applicable to the contact such as Calendar, Facebook, Location, etc.

Note: This is a native Android 2.0 feature therefore more detailed guidelines for this control may be found in the Android Dev Guide.

M.PS.3.0.b Message Long Press Menu



1. Message Long Press menu Performing a long press on a message within the Single thread view view displays a long press menu of contextual actions associated with the specific message.

General options include:

Forward: Tapping this option displays a compose view similar to Compose New, however the compose field is populated with the content from the selected message following the standard, “Fwd:” prefix.

Save to quick messages: This feature enables users to save messages to the Quick Messages List for future reuse.

View message details: Tapping this option displays a modal dialog containing information related to the message such as Message type, Recipient details, Time sent.

Delete message: This option when tapped displays a confirmation dialog since the action will delete the message from the thread.

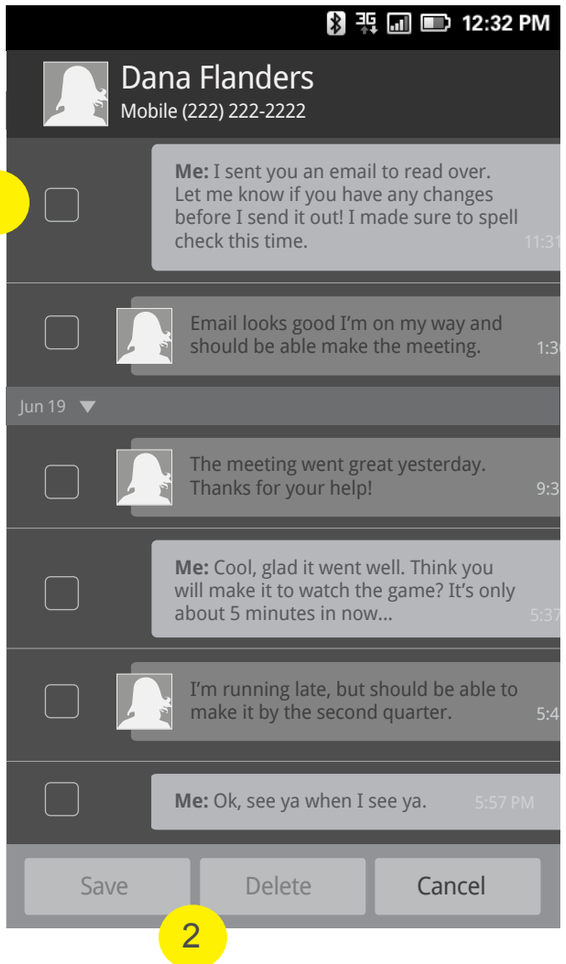
Contextual Options

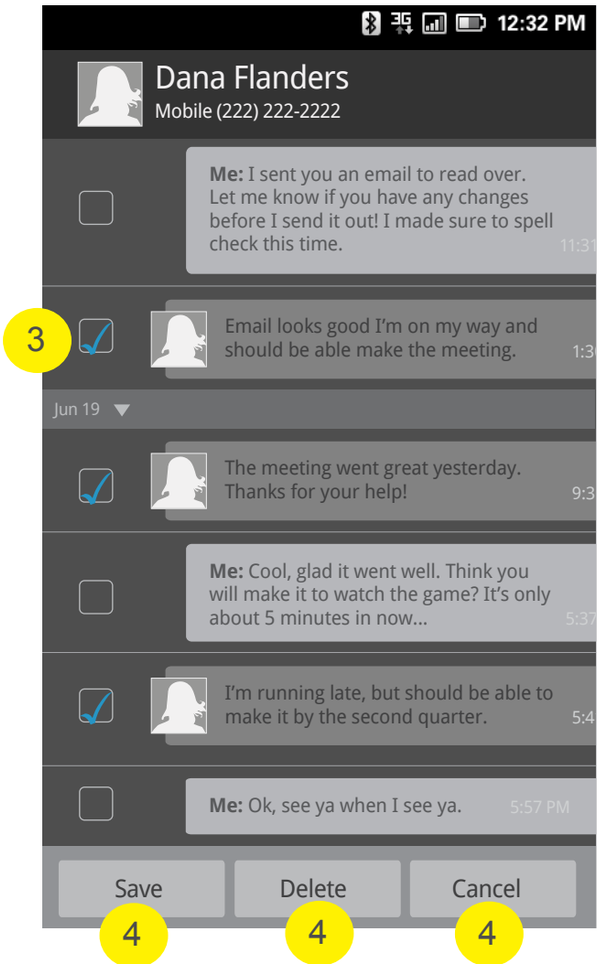
Depending on the current setttings the user has applied, the message status, or if the thread is with an individual or group that is saved within the user’s contact list; additional options may be displayed. For example, in the wireframe shown, the message is within a thread with someone who is in the user’s contact list.

Call Contact: Tapping “Call” launches an outgoing call to the phone number associated with the contact. The call screen is displayed over the Messaging application view.

View contact: The user can jump to the contact details view from this app, and on press of back, return to messaging.

M.PS.3.0.c Single Thread Edit mode





This view is accessed via tapping on the 'Edit' button from the action bar displayed in Individual Thread View.

1. **Message Checkboxes** User may select one or more messages to act upon.

2. **Save & Cancel Buttons** These buttons are disabled until one or more messages are selected.

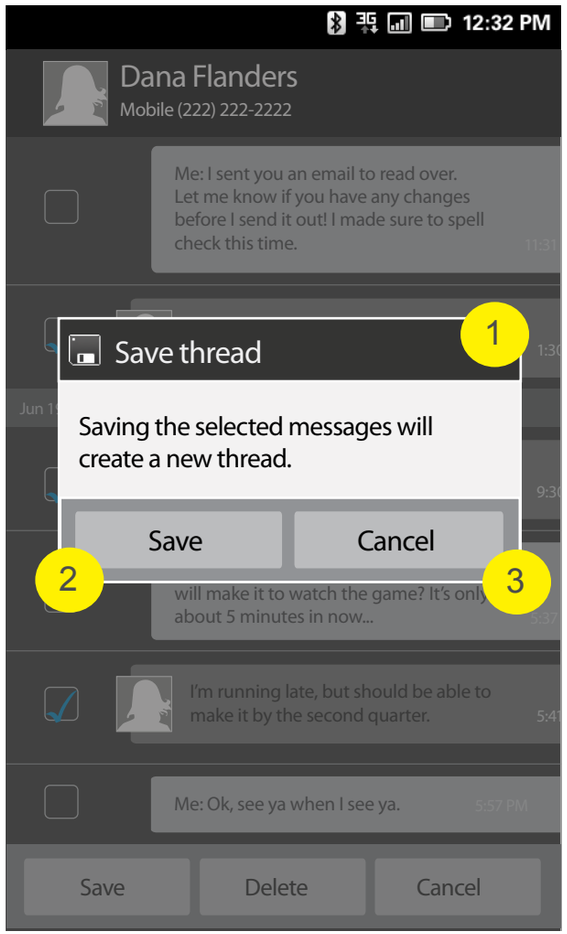
3. **Selected Messages** Upon selecting one or more messages, the Save and Delete buttons are enabled.

4. **Save Button** Tapping the Save button creates a new thread with the selected messages. Upon tapping Save, M.PS.3.0.d Save Thread Modal is displayed.

5. **Delete Button** Tapping the delete button displays M.PS.3.0.e Delete Message(s) Confirmation.

6. **Cancel Button** Tapping 'Cancel' displays M.PS.3.0 Single Thread View.

M.PS.3.0.d Save Thread Modal

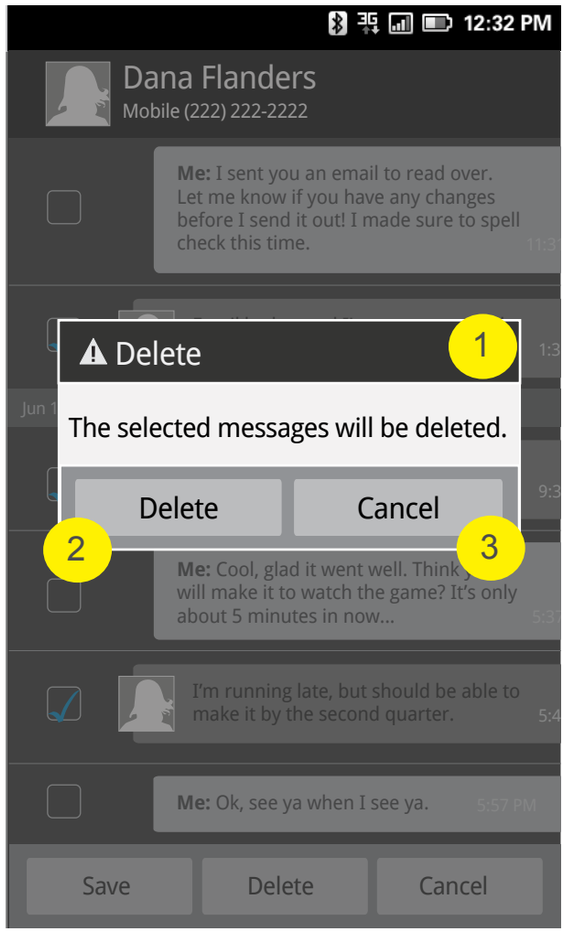


1. This modal is displayed upon selecting messages and then tapping 'Save' button from M.PS.3.0.c Single Thread Edit mode.

2. Save Button Tapping the 'Save' button creates a new thread and displays M.PS.1.0 All Threads.

3. Cancel Button Tapping 'Cancel' does not create a new thread and displays M.PS.3.0.c Single Thread Edit mode.

M.PS.3.0.e Delete Message(s) Confirmation

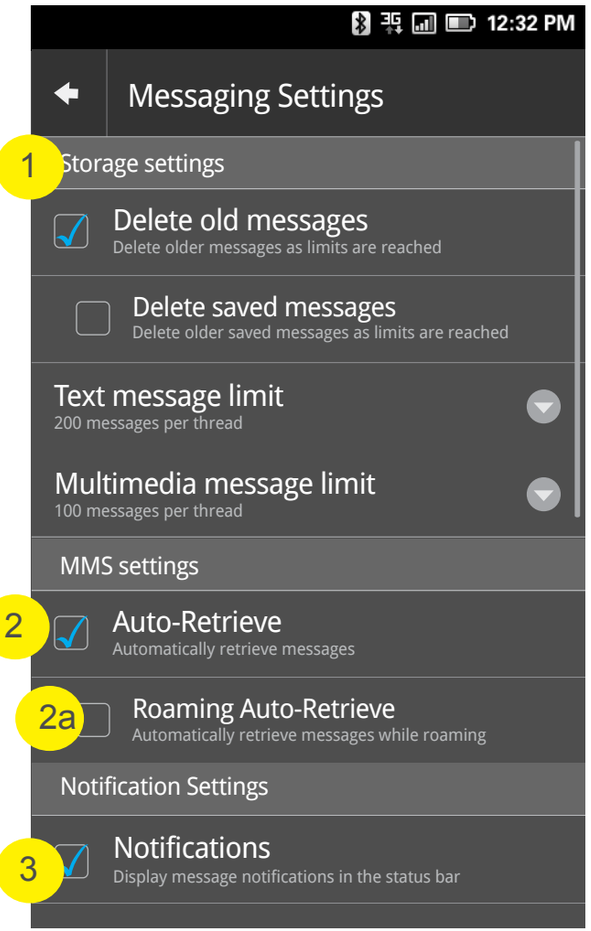


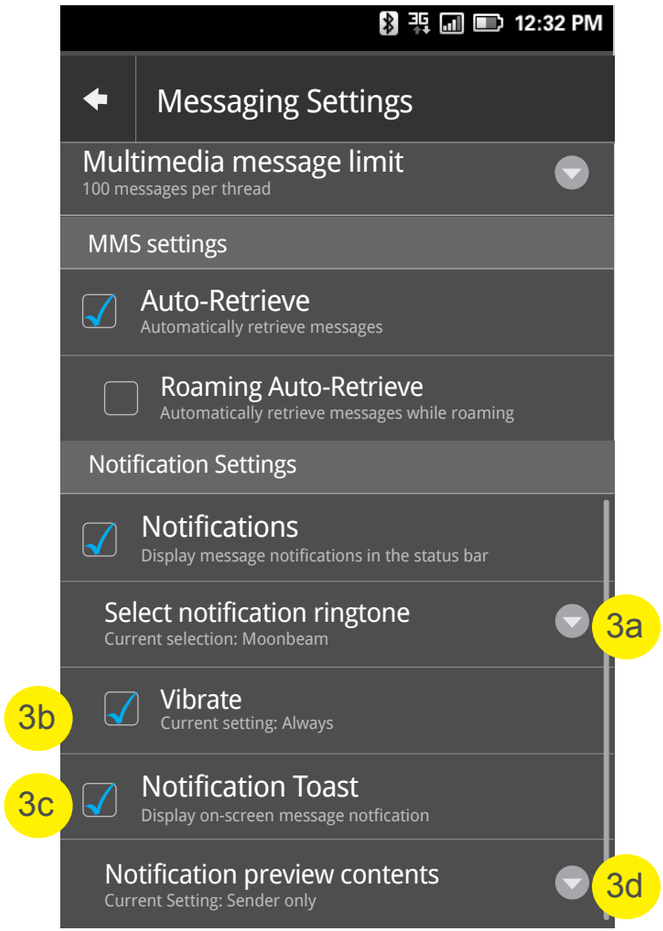
1. This modal is displayed upon selecting messages and then tapping 'Delete' button from M.PS.3.0.c Single Thread Edit mode.

2. **Delete Button** Tapping the 'Delete' button deletes the selected messages and displays M.PS.3.0 Single Thread View.

3. **Cancel Button** Tapping 'Cancel' does not delete the messages and displays M.PS.3.0.c Single Thread Edit mode.

M.PS.4.0 Settings





Storage Settings

1. Storage Settings Storage settings enable the user to manage the amount of messages stored within the application itself, as wells as settings limits on how many messages of each type, SMS and MMS, can be kept within a thread.

Tapping off “Delete old messages” greys out the associated options below since they would then no longer apply.

Tapping the “More” control on both Text message limit and MMS limit displays a modal dialog enabling the user to set the number for each using a ----------.

MMS Settings

2., 2a. Auto-Retrieve This option enables the user to turn on/off both auto-retrieve and auto-retrieve while roaming in the case that they could (and do not wish to) incur considerable data charges if the device automatically retrieves what could be large files associated with the MMS.

Notification Settings

3. Notifications The user may choose for notification to be shown in the status or not. If the user chooses not to show them/turn them off; the options below for selecting a ringtone and vibrate option become inactive or greyed out. If the user choose to enable message notifications to be displayed in the status bar, they may also customize the two sub-settings.

3a. Select Ringtone Tapping the expand control associated with this setting displays a picklist dialog containing a list of available ringtones along with radio button controls to allow the user to select one.

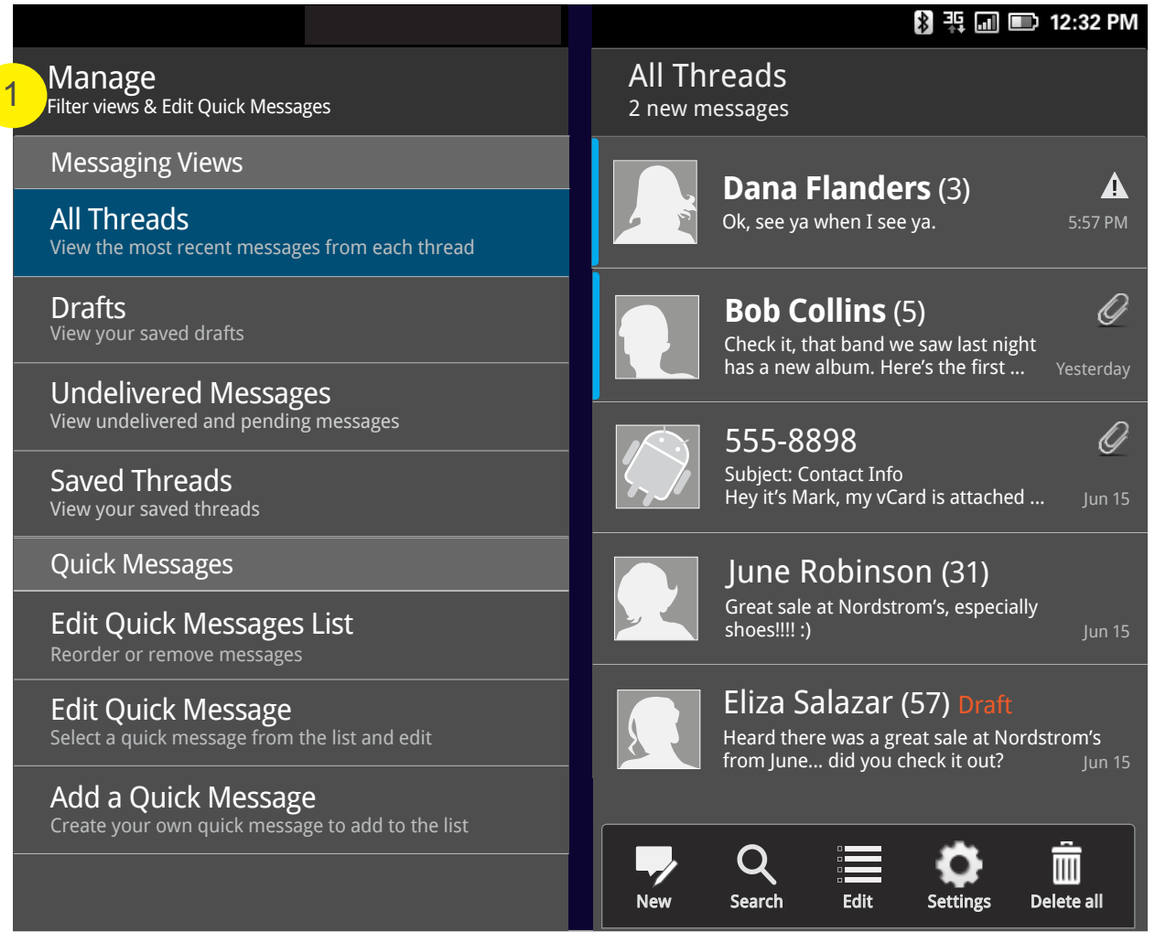
3b. Vibrate Tapping Vibrate toggles between on and off.

3c. Notification Toast Tapping toggles on and off the feature of displaying a toast notification on-screen containing a preview of the message.

3d. Notification contents The user can choose sender only or sender and message preview; essentially a privacy control.

WIREFRAMES **PORTRAIT DUAL SCREEN VIEWS**

M.PD 0.0 Manage / M.PD.1.0 All Threads view

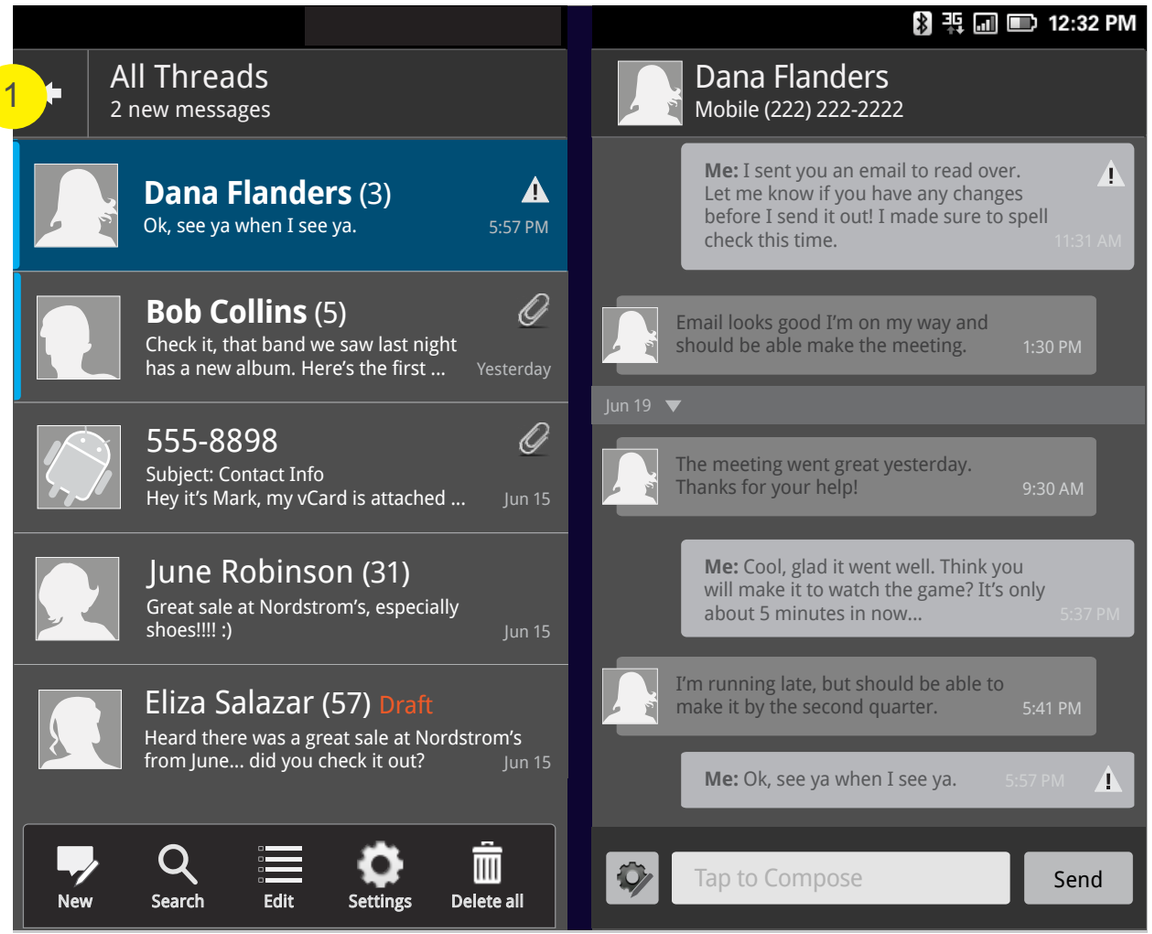


M.PD.0.0 Manage / M.PD.1.0 All Threads

1. Manage/All Threads From the All Threads view in Dual screen mode (when shown on the left), pressing the Back arrow displays the Manage view. Because the Manage view is the parent in this case, the All threads view transitions to the right, the back arrow is then no longer visible. In this scenario, the All Threads view is the users current view so it is shown in focus within the Manage view.

See PS.0.0 Manage and PS.1.0 All Threads List for more details.

M.PD.1.0 All Threads View / M.PD.3.0 Single Thread View

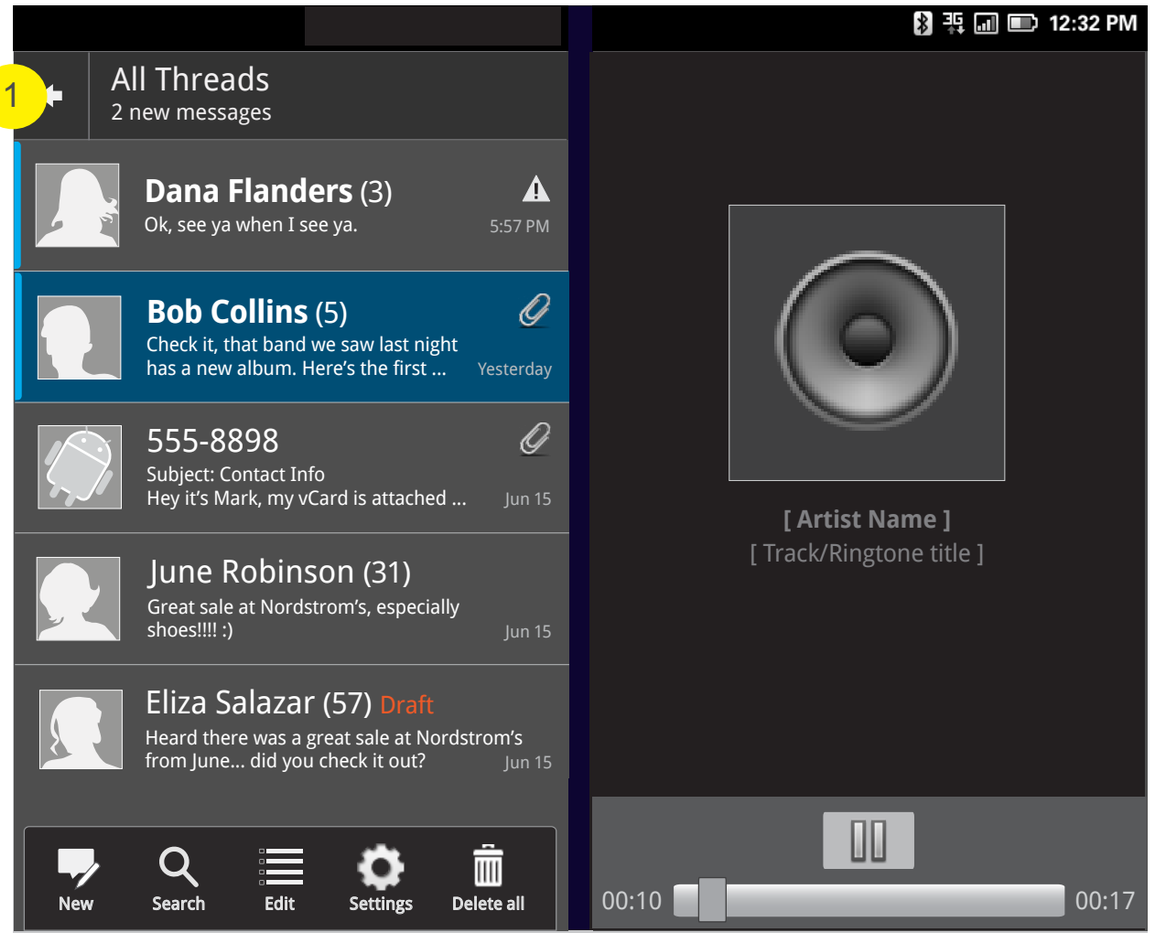


M.Pd.1.0 All Threads / M.PD.3.0 Single Thread View

1. All Threads List view, Single Thread Detail view Maximizing the messaging application from the All Threads view displays the list view in the primary position, the first list item takes on a focus state which conveys the relation to the single thread view which is then shown in the secondary screen on the right.

See PS.1.0 All Threads List and PS.3.0 Single Thread for more details.

M.PD.1.0 All Threads View / M.PD.1.0.a MMS Preview



M.PD.1.0 All Threads / M.PD.1.0.a MMS Preview

1. Full screen MMS Preview By tapping on the attachment icon in either the All Threads view or the Single Thread view, the user is able to view the attached content in a full screen view that is displayed to the right of the view from which it was initiated.

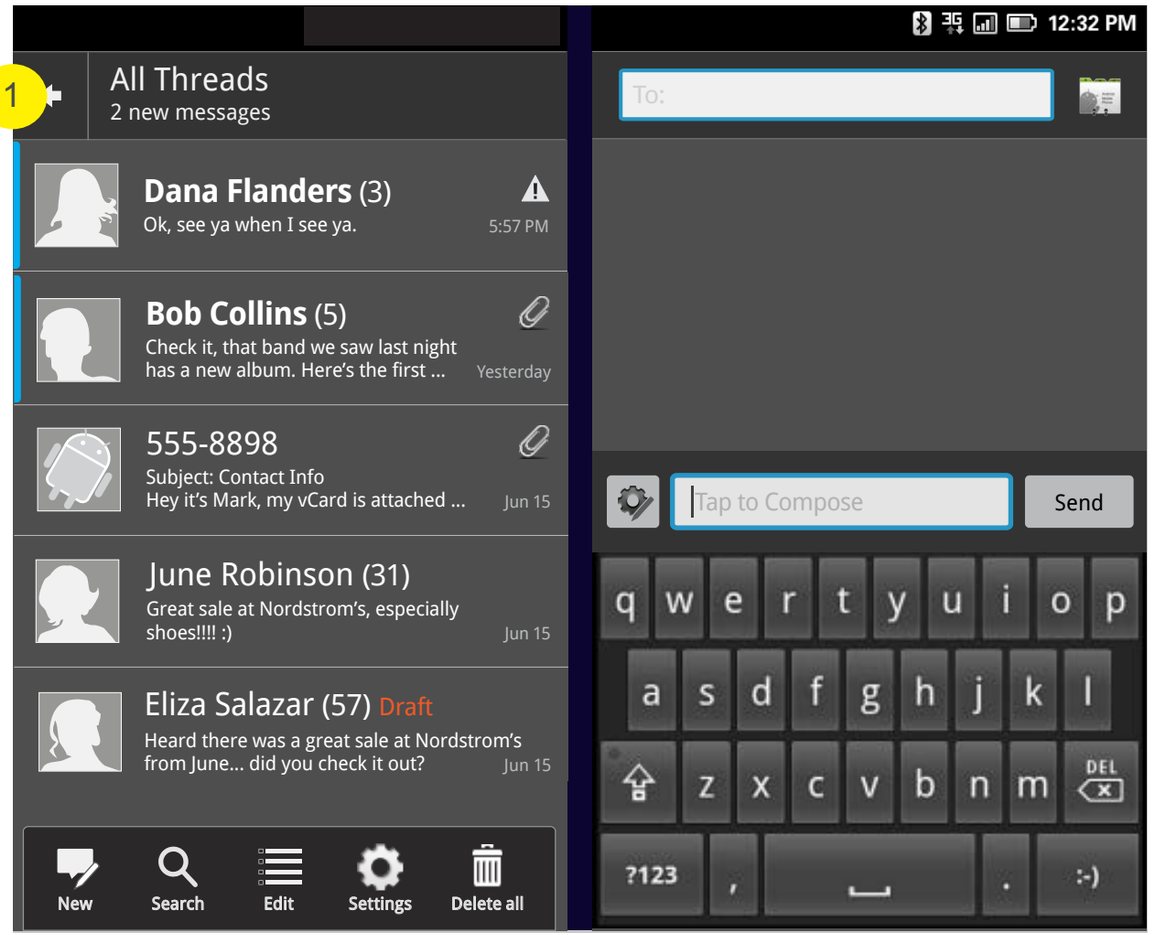
In single screen mode, this interaction occurs inline from the All Threads view, and from a Single Thread view the attachment view would be shown full screen over (temporarily replacing) the thread view.

The user can interact with the content and perform any contextual actions.

Note: The functionality associated with each type of attachment format will not be documented here, rather will default to the native Android 2.2 behaviors.

See PS.1.0.e Inline attachment preview for more details.

M.PD.1.0 All Threads View / M.PD.2.0 Compose New

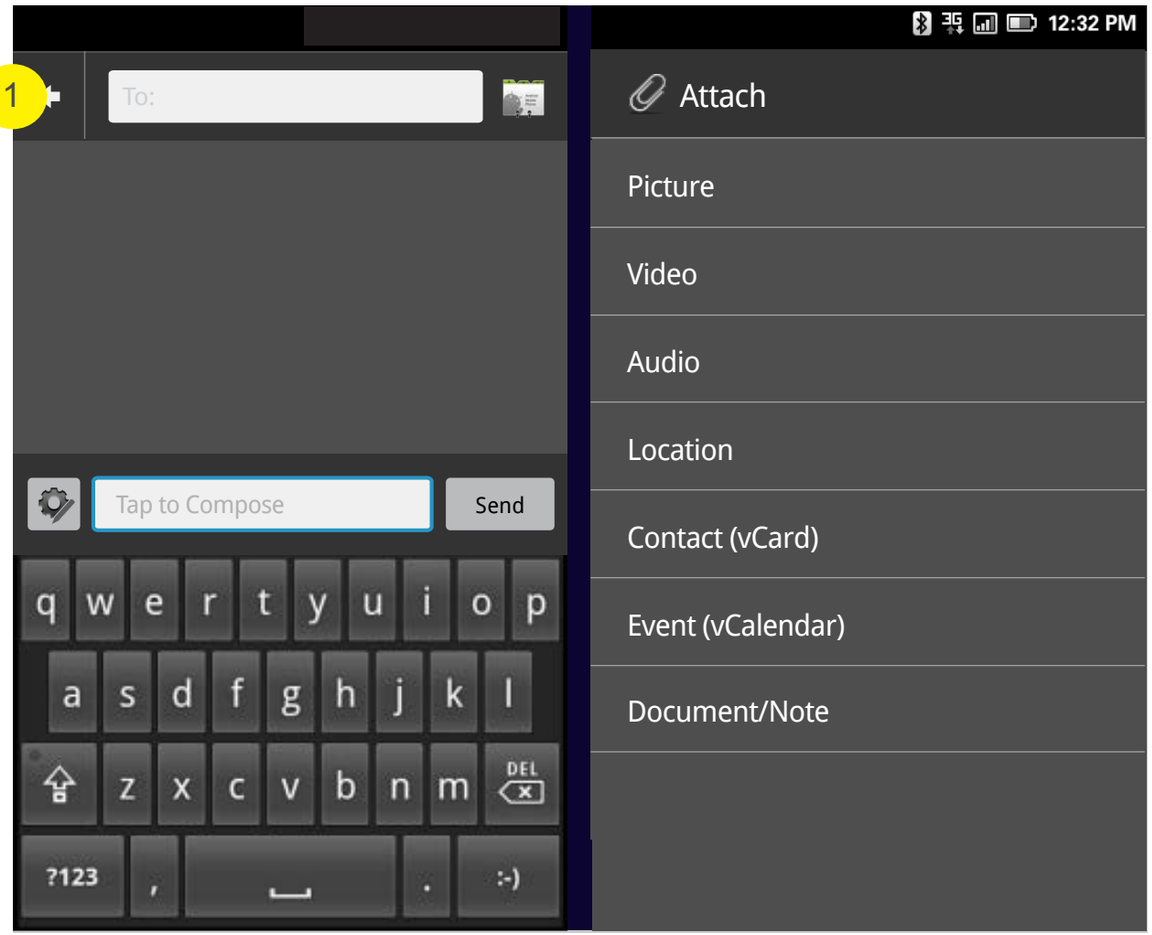


M.PD.1.0 All Threads / M.PD.2.0 Compose New

1. All Threads List view, Compose New In the wireframe shown, the user has tapped "New" from the Action Bar in the All Threads View which displays the Compose screen over the previous secondary screen shown, the Single thread view. Once the user composes and sends the new message, the compose view is dismissed and since the sent message is the most recent it is shown at the top of the All threads view and the single thread view for the new conversation is displayed on the right.

See M.PS.1.0 All Threads List and M.PS.2.0 Compose New for more details

M.PD.2.0 Compose / M.PD.2.0.e Attach Picklist



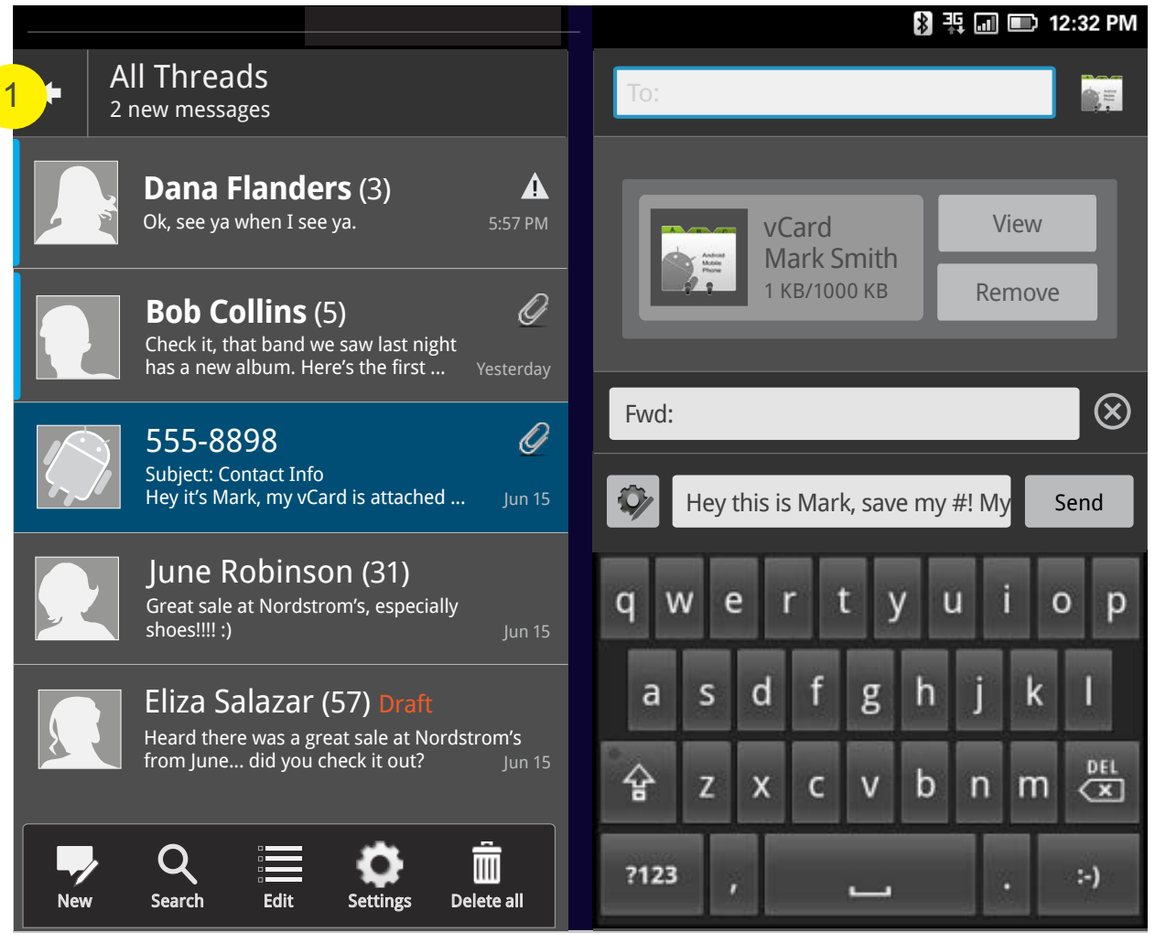
M.PD.2.0 Compose New / M.PD.2.0.e Attach Picklist

1. Full Screen Attach Picklist Rather than display a picklist modal over the compose view when the user chooses to add an attachment to the message by tapping Attach from the message/compose options list, the Compose view temporarily slides to the left, and the list of attachment options is displayed full screen on the right.

This enables the user to see the full list, and perform the remainder of the attach flow in a dedicated full screen view.

See M.PS.2.0 Compose, M.PS.2.0.e Attach Picklist, and the Add an Attachment flow for more details.

M.PD.1.0 All Threads View / M.PD.2.1 Forward



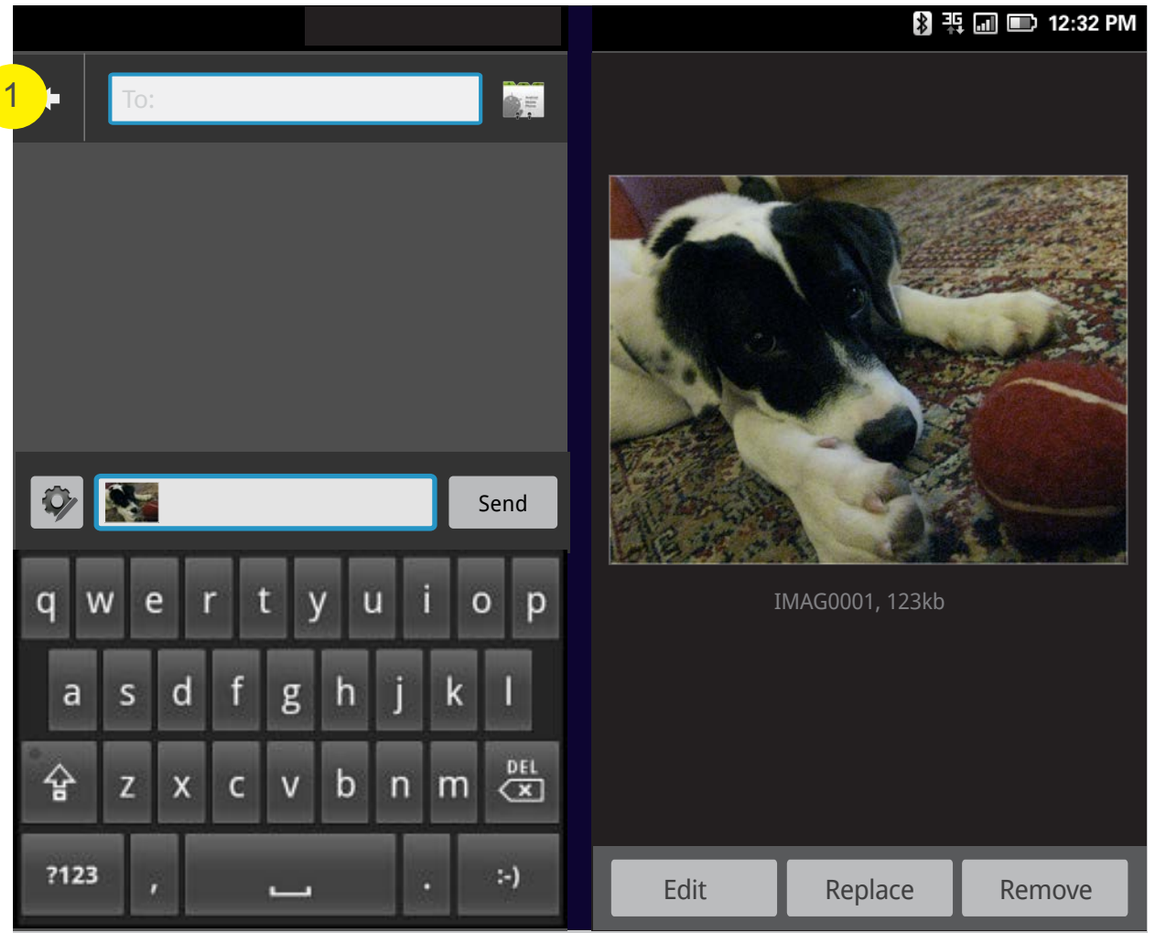
M.PD.1.0 All Threads / M.PD.2.1 Forward

1. All Threads List view, Forward Message In the wireframe shown, the user has performed a long press on the message in focus and tapped the option to Forward. The forward compose view is displayed on the right over the single thread view associated with the selected message.

Once the user adds a recipient and makes any edits, etc. to the message and taps send, the forward compose view is dismissed and reveals the single thread view for the now most recent forwarded message thread. The All threads view also updates to reflect the recently forwarded message.

See M.PS.1.0 All Threads List and M.PS.2.1 Forward for more details

M.PD.2.3 MMS Compose / M.PD.2.3.1 Attachment Preview



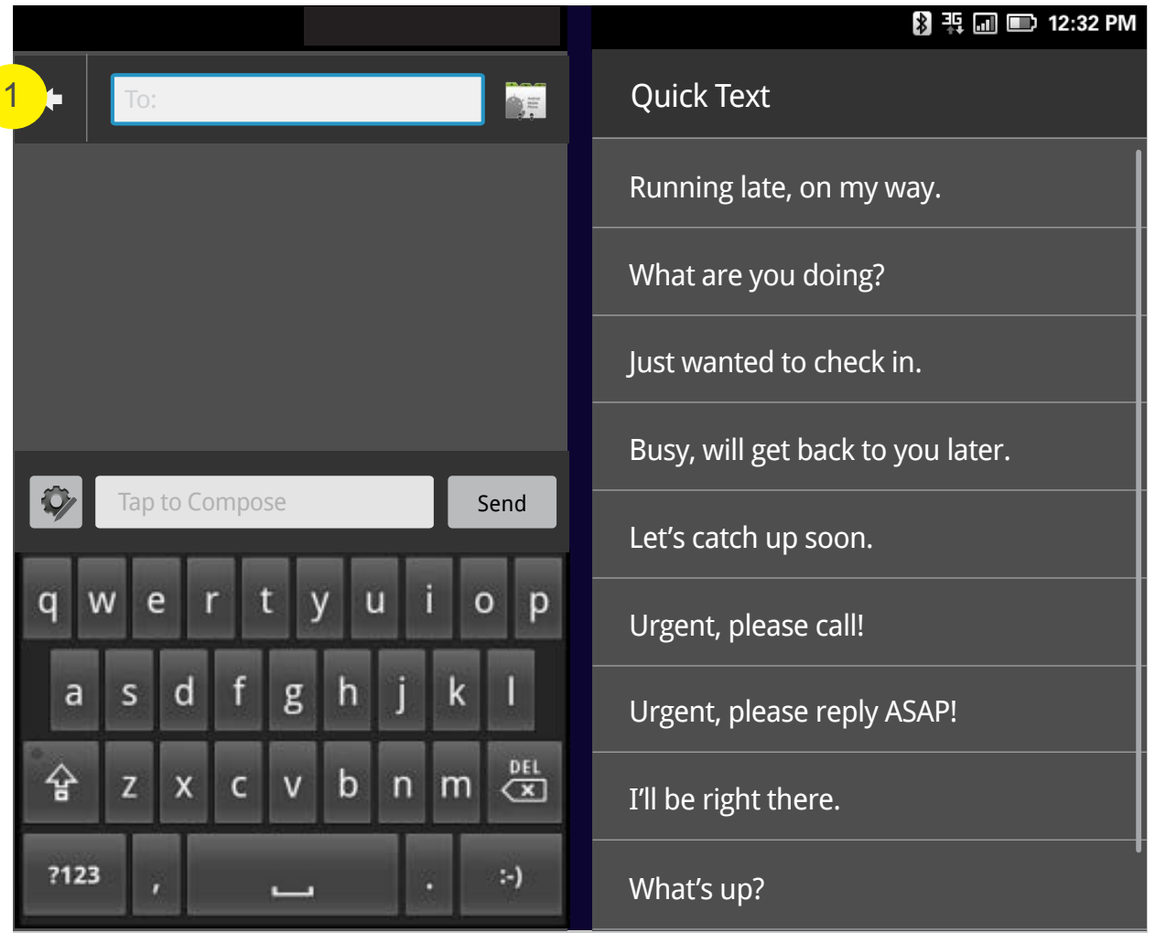
M.PD.2.3 MMS Compose / M.PD.2.3.1 Attachment Preview

1. Full-screen MMS Attachment preview When composing an MMS in dual screen mode, rather than the smaller pop-up preview that is displayed when tapping on the attached file that is shown in single screen mode, the user is able to view a richer full screen preview that includes additional details such as the file name, file size, etc.

Note: The functionality associated with each type of attachment format will not be documented here, rather will default to the native Android 2.2 behaviors.

See M.PS.2.3 MMS Compose for more details.

M.PD.2.0 Compose / M.PD.2.4 Quick Text



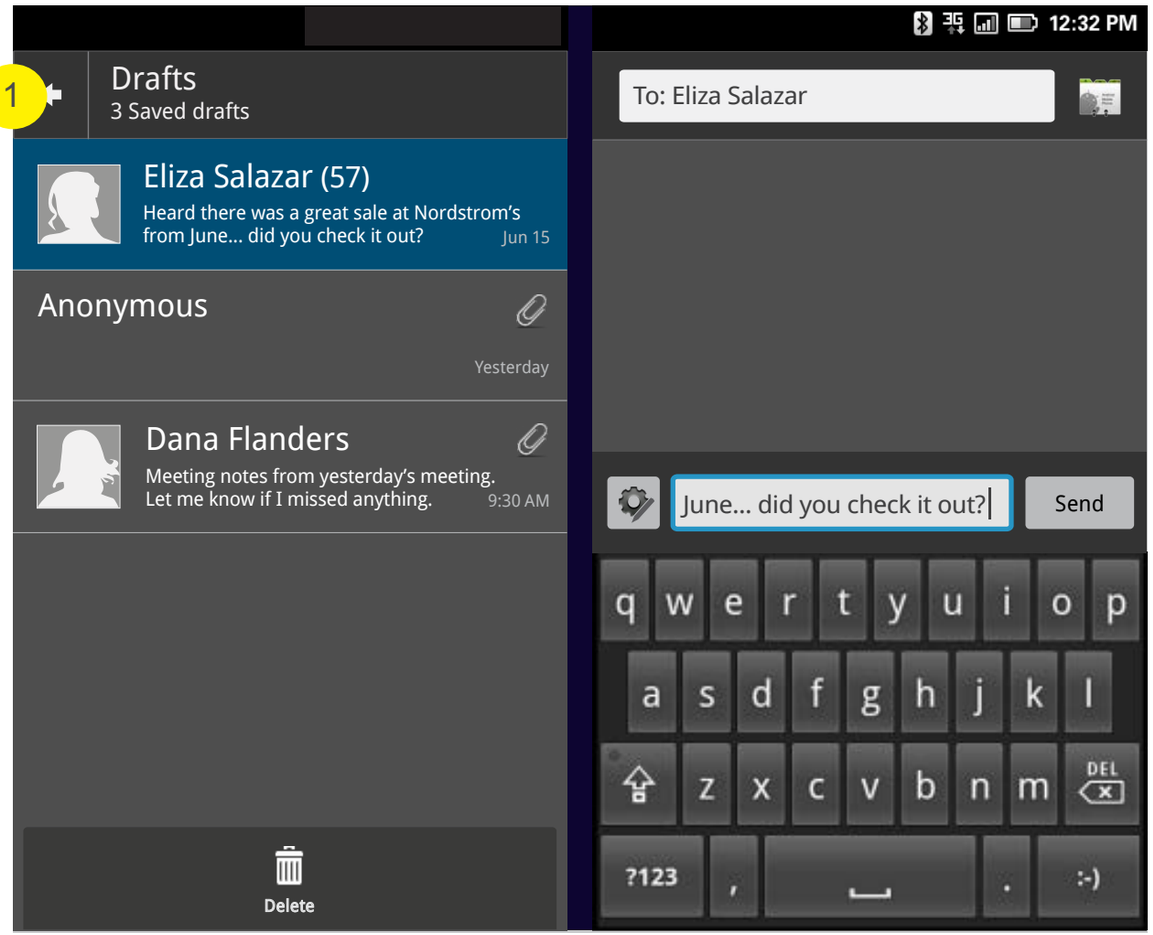
M.PD.2.0 Compose / M.PD.2.4 Quick Text

1. Composing from Quick Text list From a compose view—Compose new, Reply or Forward—when a user taps the messaging/compose options and chooses Quick text from the pop-up menu, the Compose screen shifts to the left, and the Quick text list is displayed on the right.

Once the user makes a selection from the list, the message is inserted into the compose field and the compose view shifts back to the right.

See M.PS.2.0 Compose, M.PS.2.0.c Options Pop-Up, and M.PS.2.4 Quick Text for more details.

M.PD.1.1 Drafts / M.PD.2.0 Compose (Resume Draft)



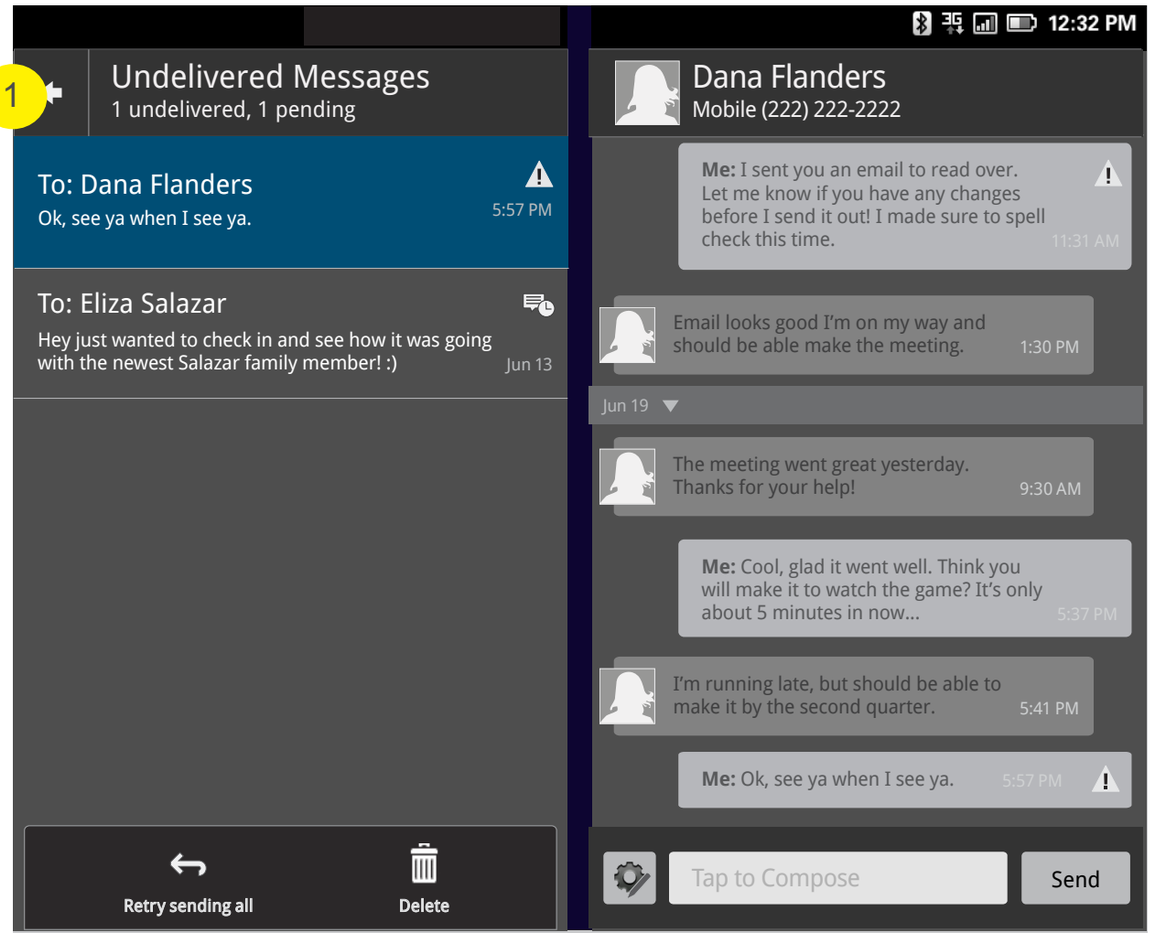
M.PD.1.1 Drafts / M.PD.2.0 Compose (Resume Draft)

1. Resume Draft in Dual Screen mode In the wire shown, the user has accessed the Drafts view from the Manage screen. Upon tapping on one of the saved drafts in the list or choosing view from the LPM, the message is re-opened in a compose view so that the user may resume, edit, send or discard the message.

If the user presses back from this view without sending or discarding the message, it's once again saved as a draft and remains in the list. The compose view is dismissed and the drafts view shifts to the right, and the Manage view is shown on the left.

See M.PS.1.1 Drafts and M.PS.2.0 Compose for more details.

M.PD.1.2 Undelivered / M.PD.3.0 Single Thread view

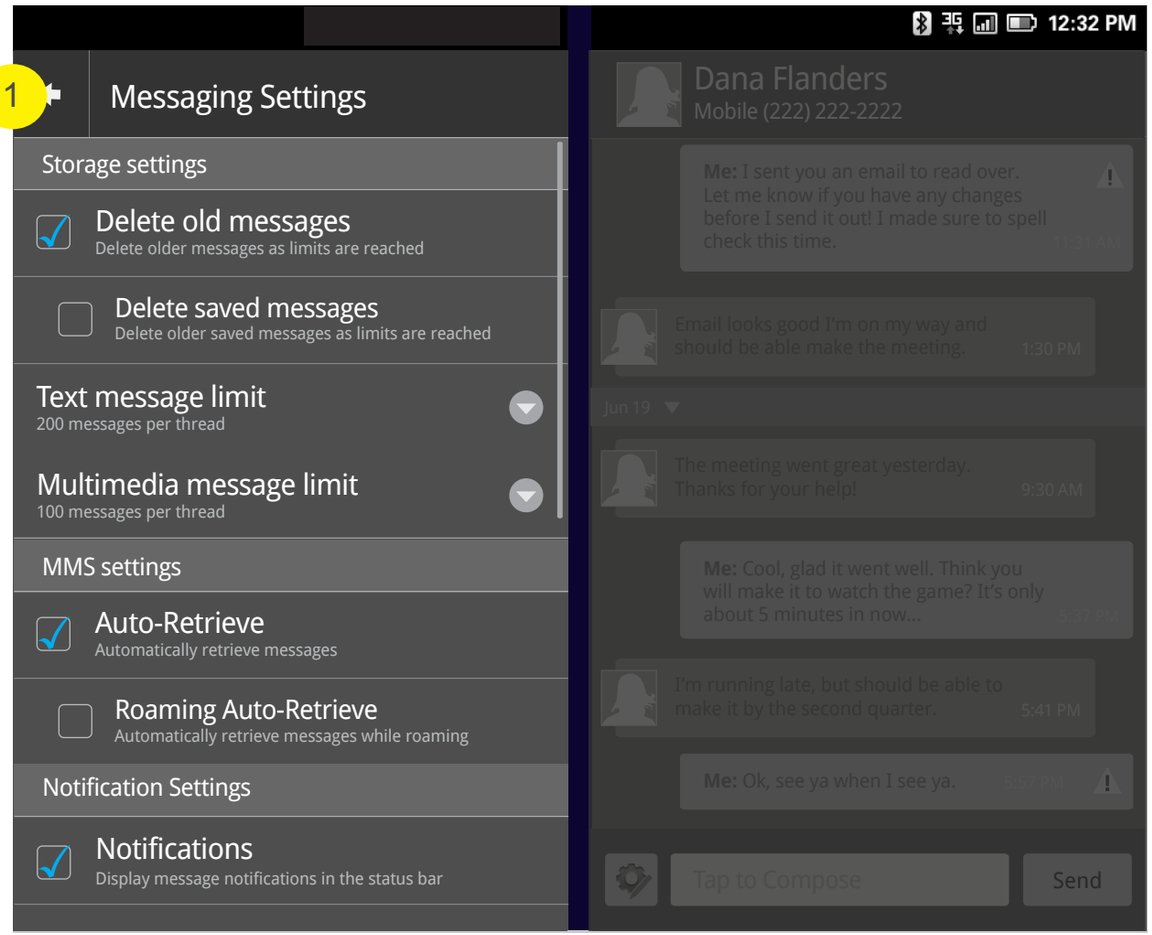


M.PD.1.2 Undelivered / M.PD.3.0 Single Thread View

1. View thread from an Undelivered Message The user has selected the Undelivered Messages view from the Manage screen and then tapped or selected view thread from the LPM on one of the messages within the list. The Undelivered messages list slides to the left and the Single Thread view associated with the message in then displayed on the right.

See M.PS.1.2 Undelivered messages and M.PS.3.0 Single Thread view for more details.

M.PD.4.0 Settings (Single thread view greyed out)



M.PD.4.0 Settings

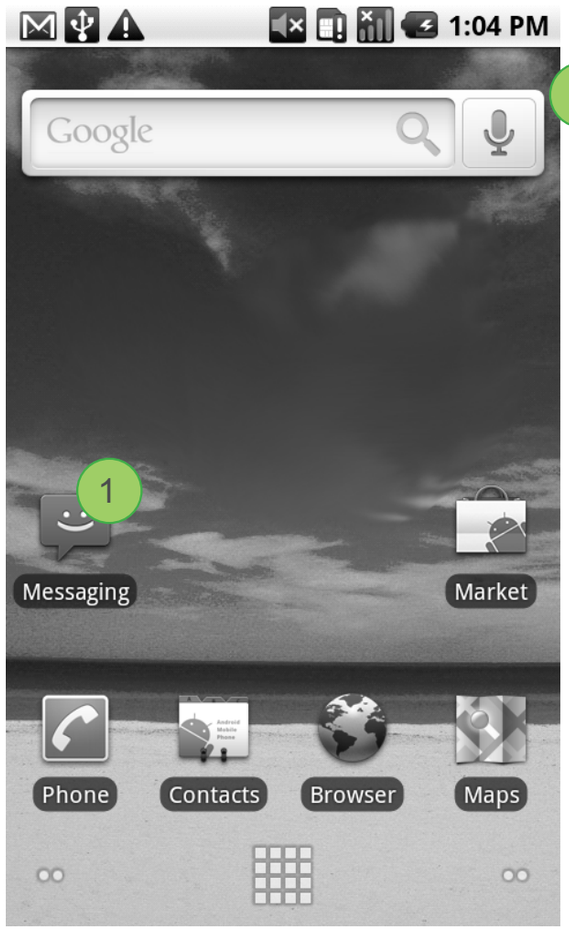
1. Messaging Settings When the user has chosen to open the settings for the Messaging application by tapping “Settings” in the action bar menu for the All Threads view, the Settings view is displayed over the All Threads view and the view shown on the right is greyed out.

See M.PS.4.0 Settings for more details.

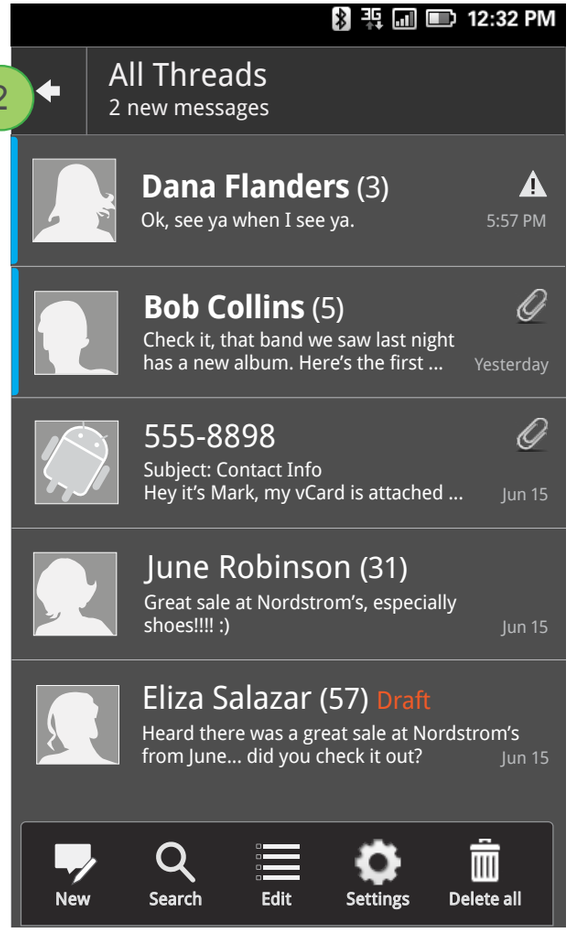
TASK FLOWS

TASK FLOWS **01:FIND & VIEW**

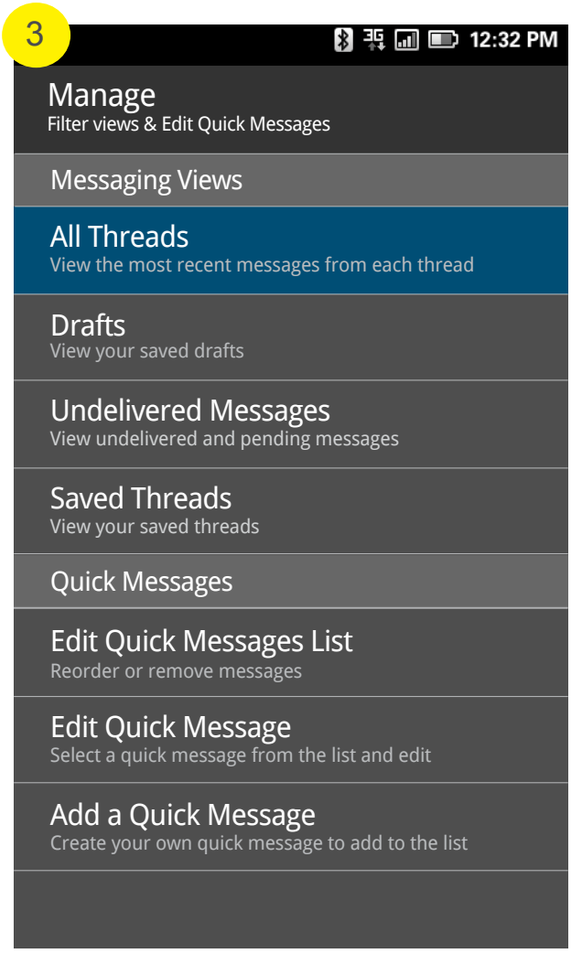
01: 1 View all messages



Home Screen



M.PS.1.0 All Threads



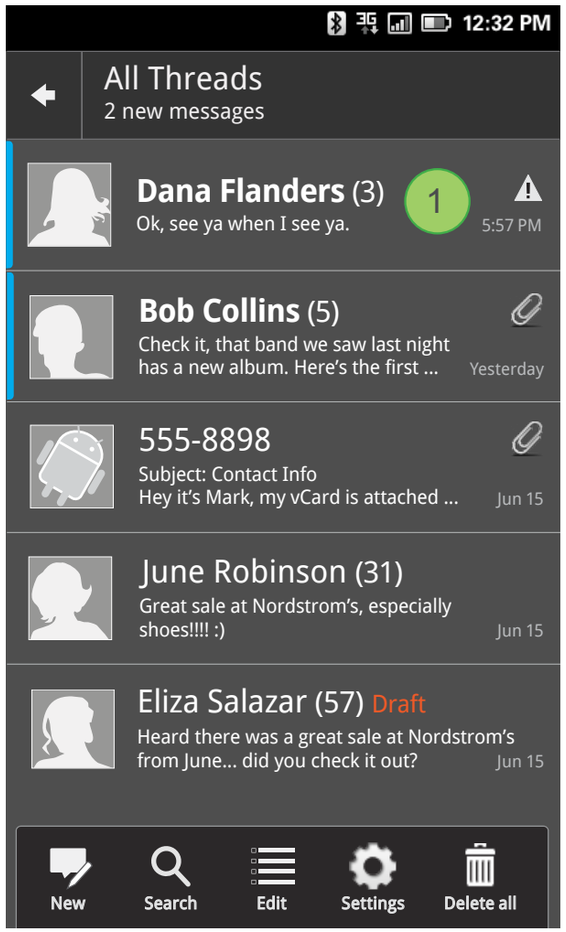
M.PS.0.0 Manage

1. User taps the Messaging icon to launch the app. This can be accessed from desktop, main menu, etc.

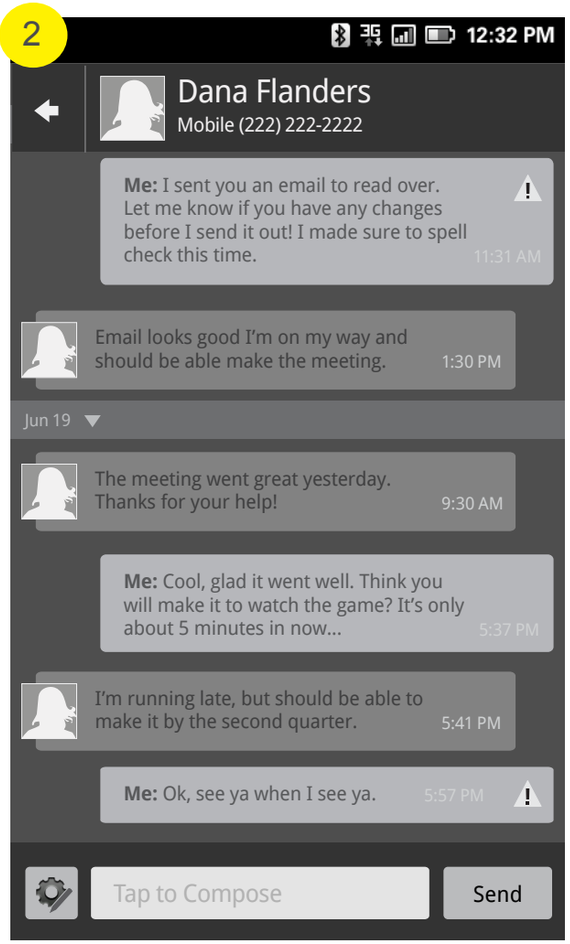
2. By default, the application is launched into M.PS.1.0 All Threads. Tapping the Manage arrow displays M.PS.0.0 Manage screen.

3. From M.PS.0.0 Manage, the user can select another view (e.g. drafts). Tapping a view displays M.PS.1.0 All Threads with just that selected content displayed.

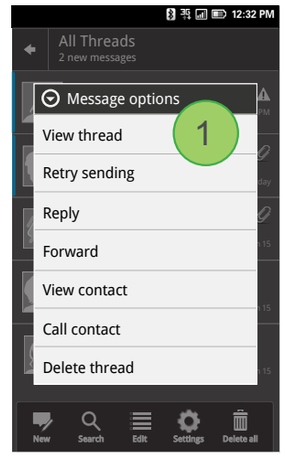
01: 2 View single thread



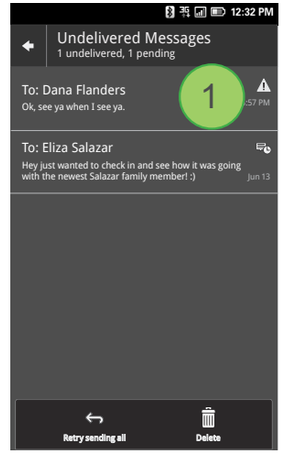
M.PS.1.0 All Threads



M.PS.3.0 Single Thread VIew



M.PS.1.0.b LPM on Thread

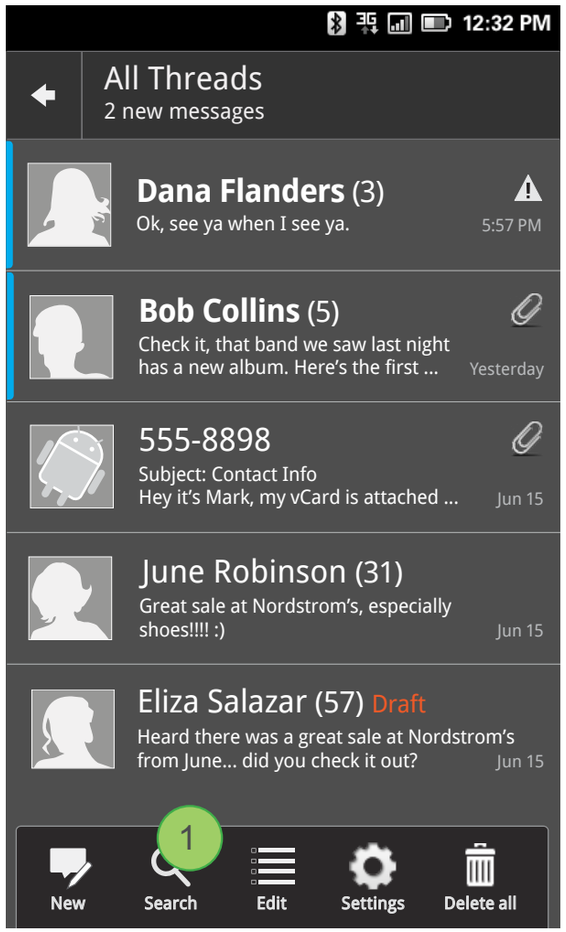


M.PS.1.2 Undelivered

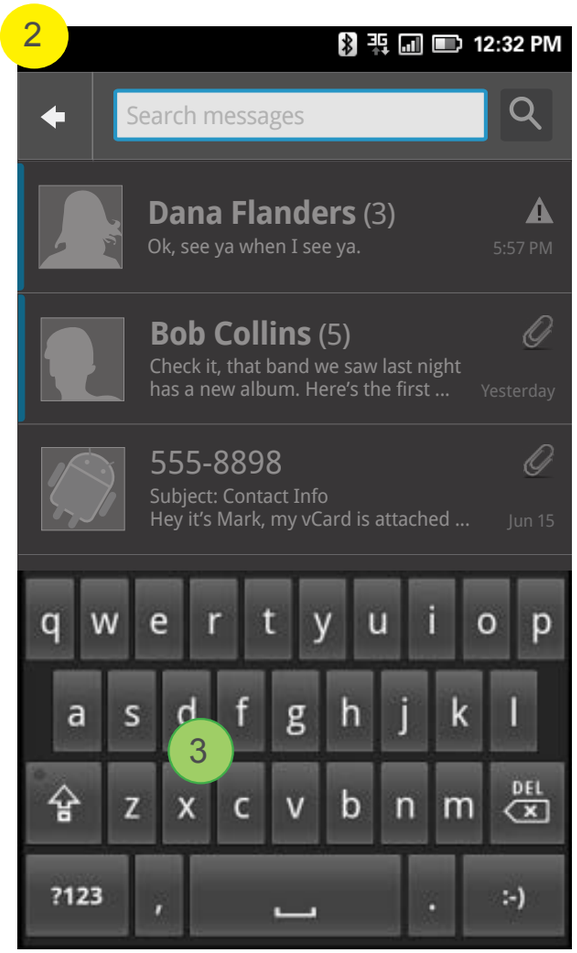
1. Tapping a thread in any of the threads views(M.PS.3.0 Single Thread View, M.PS.1.1 Drafts, M.PS.1.2 Delivered) will display the single thread. User can also long press on a thread in the threads views, which displays M.PS.1.0.b LPM on Thread.

2. M.PS.3.0 Single Thread View. Displays a list of all the messages in thread, including undelivered and drafts.

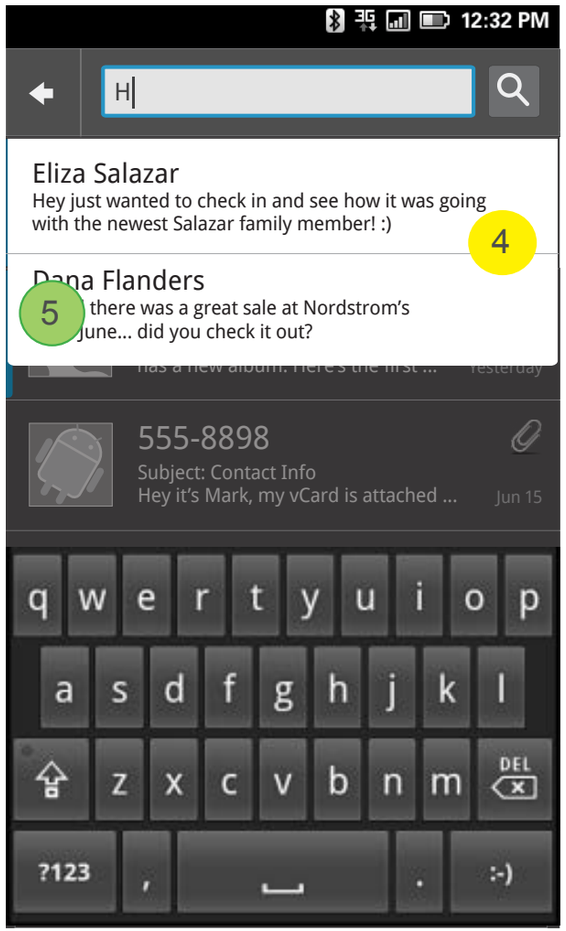
01: 3 Search messages



M.PS.1.0 All Threads



M.PS.1.0.c Search Mode



M.PS.1.0.c Search Mode

1. User taps Search button in the action bar from M.PS.1.0 All Threads.

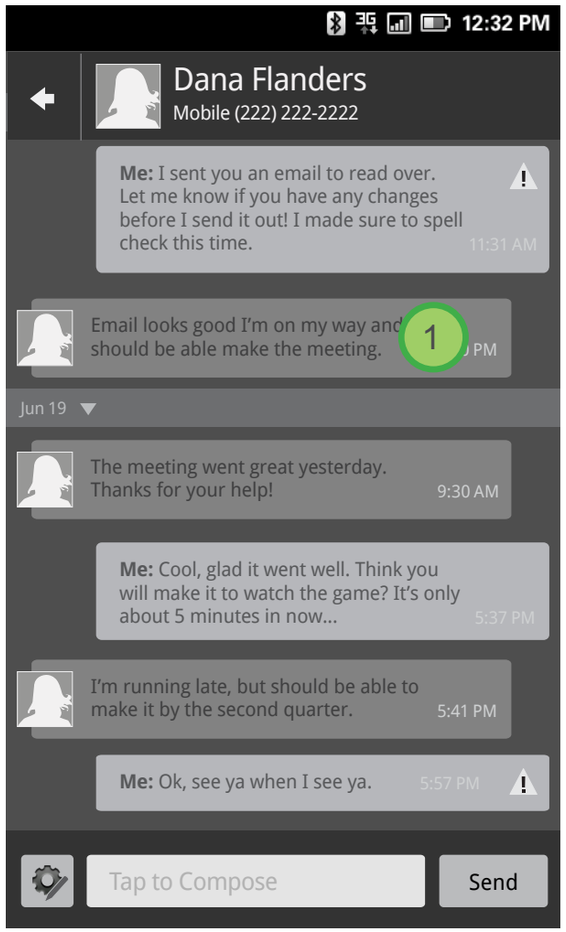
2. Search overlay, with search field and keyboard is displayed. To get out of this mode, user either taps Back hardkey on device or taps the Back button next to the search field.

3. User begins tapping to enter characters.

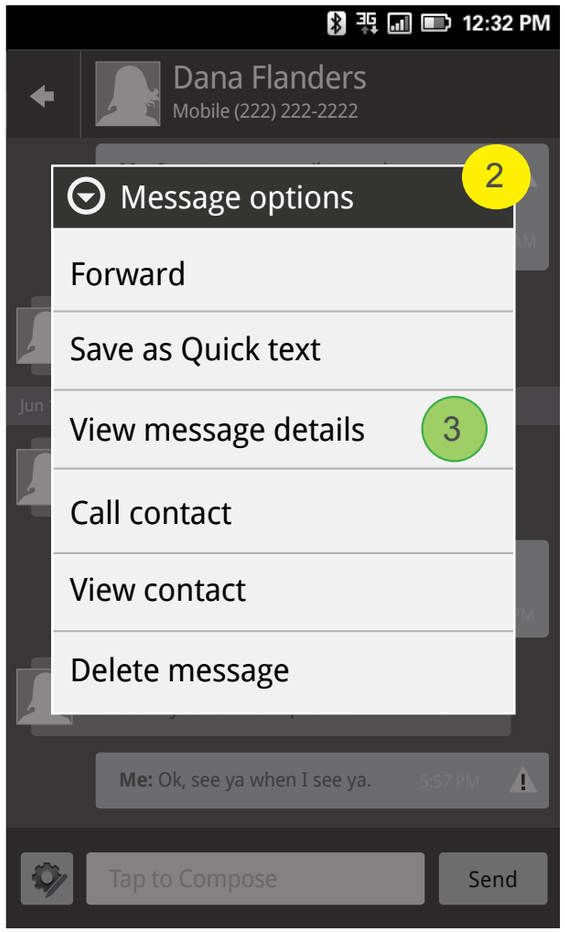
4. As the user taps, a reductive search is done, searching through contact names and message content. As the user taps, the results are shown. Results should include contact name or number and snippet of message.

5. Tapping a result will display M.PS.3.0 Single Thread View.

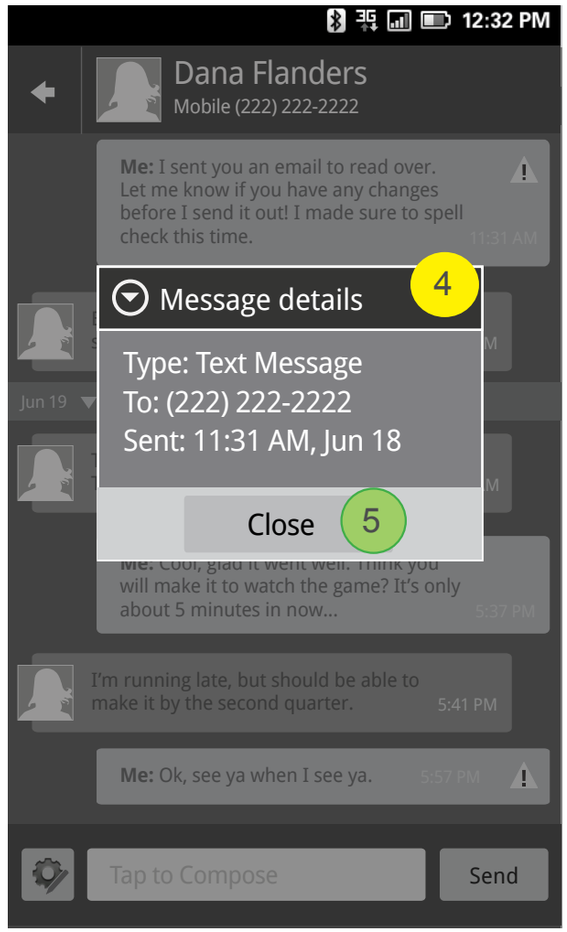
01: 4 View Message Details



M.PS.3.0 Single Thread View



M.PS.3.0.b LPM on Received Message



M.PS.3.0.g Message Detail Pop-up

1. Performing a long press gesture on a message within the single thread view displays M.PS.3.0.b LPM on Received Message.

2. The LPM contains the option to View message details.

3. Tap 'View Message Details'.

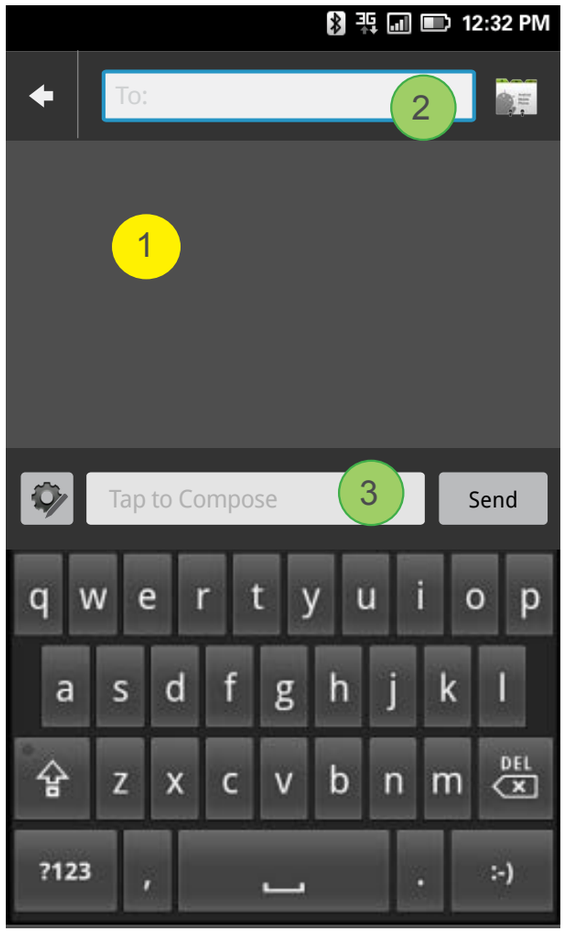
4. M.PS.3.0.g Message Detail Pop-up is displayed This modal dialog contains status and information about the selected message.

Type: SMS/MMS
To: 555-555-5555
Sent: 10:21 AM

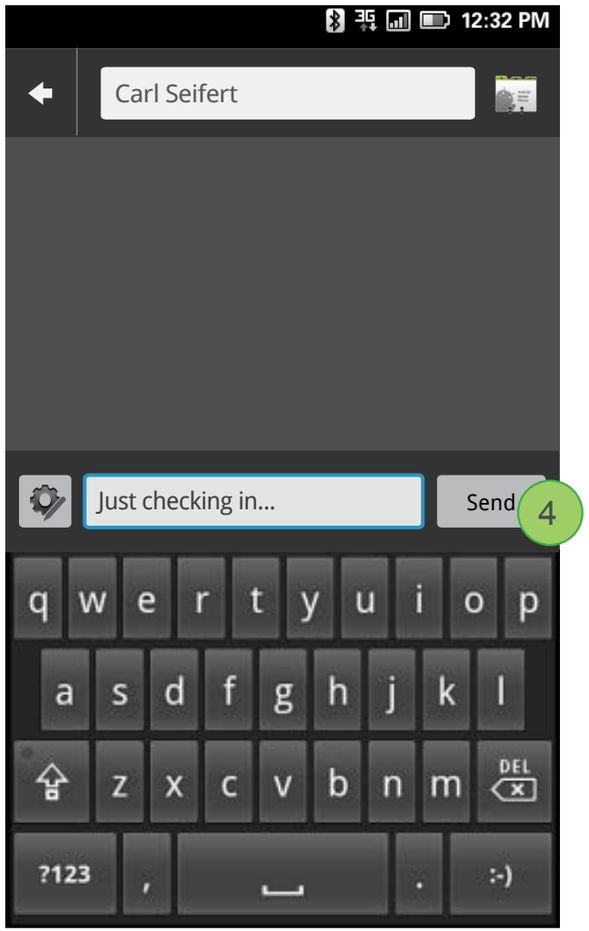
5. Tapping the Close button closes the dialog and displays M.PS.3.0 Single Thread View.

TASK FLOWS **02:COMPOSE & REPLY**

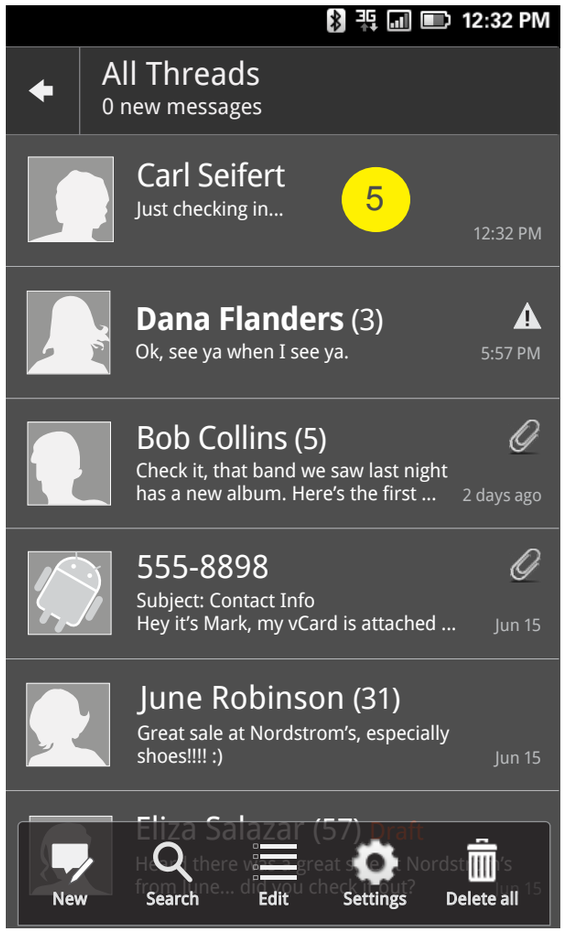
02: 1 Compose & Send New Message



M.PS.2.0 Compose New



M.PS.2.0 Compose New



M.PS.1.0 All Threads

From M.PS.1.0 All Threads, tapping "New" in the action bar displays M.PS.2.0 Compose New.

1. This compose view is not associated with an existing thread so no content is shown within the thread area of the view.

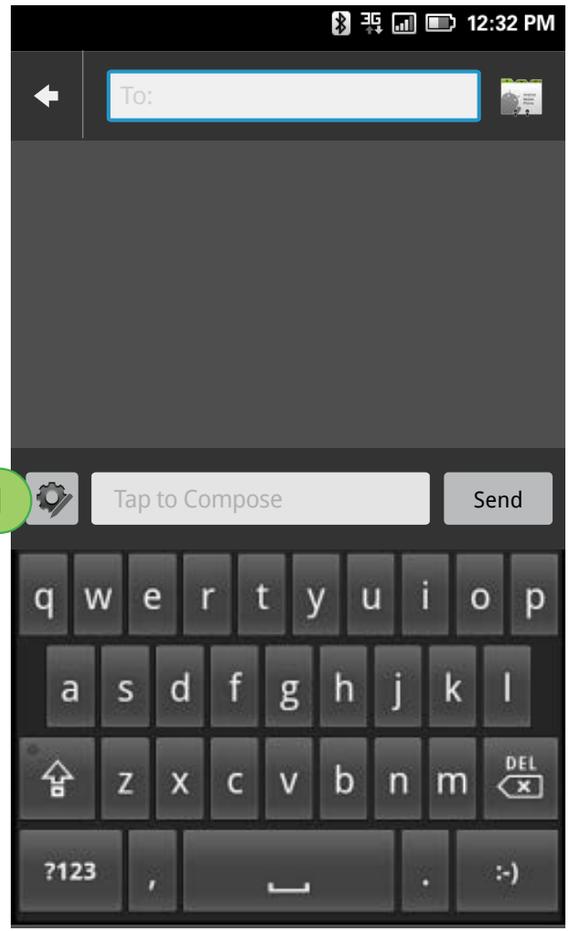
2. The To field is shown in focus by default on entering the view and the user may immediately enter a recipient

3. The user may also tap the compose field to enter a message.

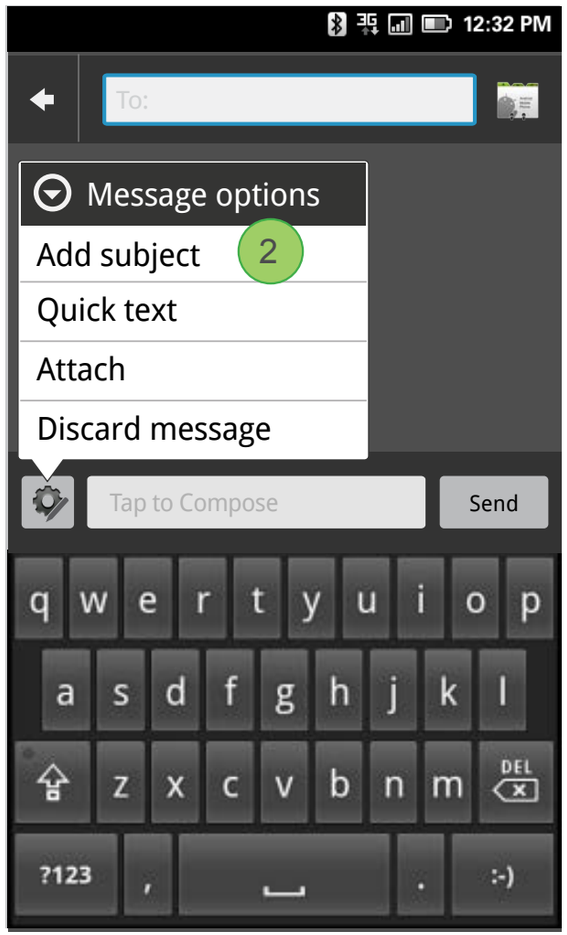
4. Once the user has entered a recipient and message content, either text or by attaching a media or other type of file, tapping Send sends the message.

5. A new thread is created for the conversation.

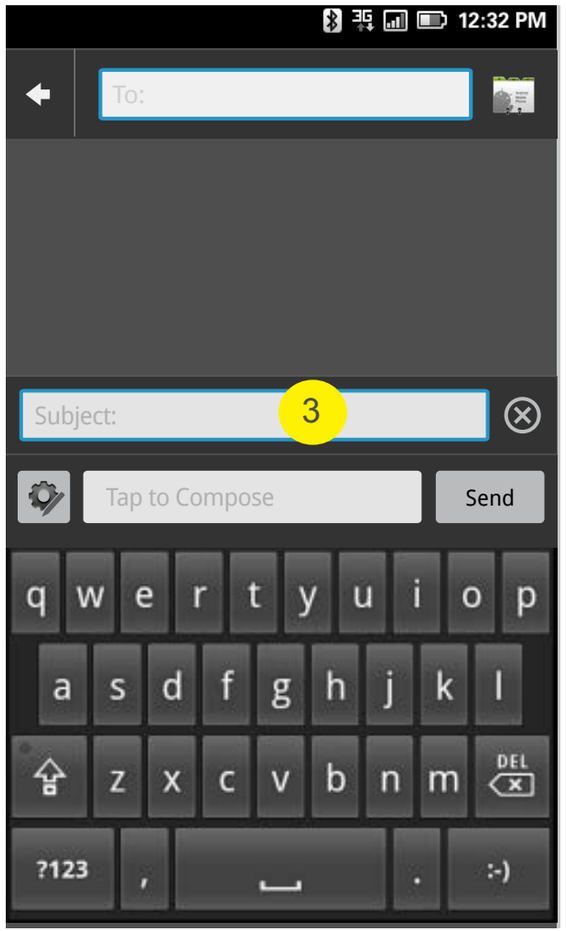
02: 2 Add Subject



M.PS.2.0 Compose New



M.PS.2.0.c Options Pop-Up



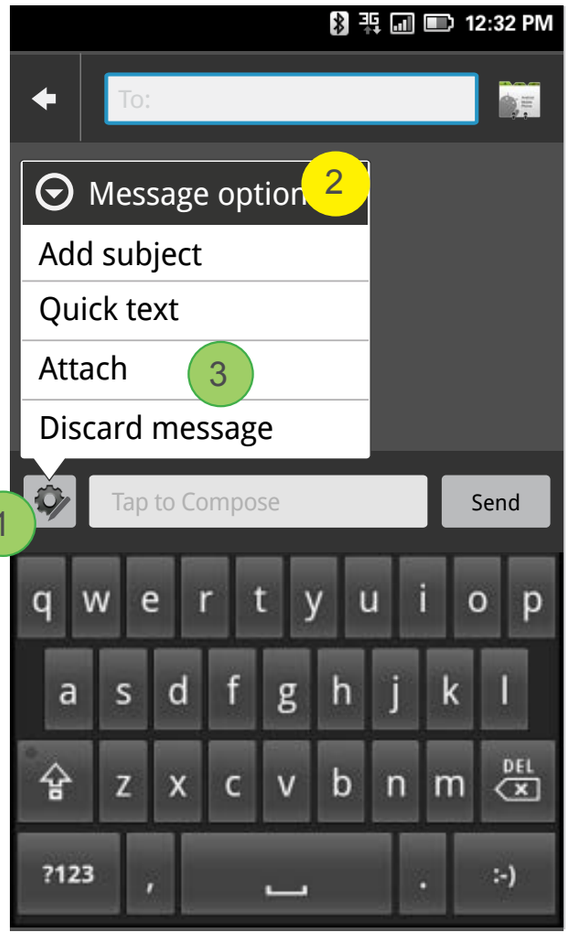
M.PS.2.0 Compose New

1. User taps the Options icon. (Note: either field or no field has to be in focus when user taps this icon.)

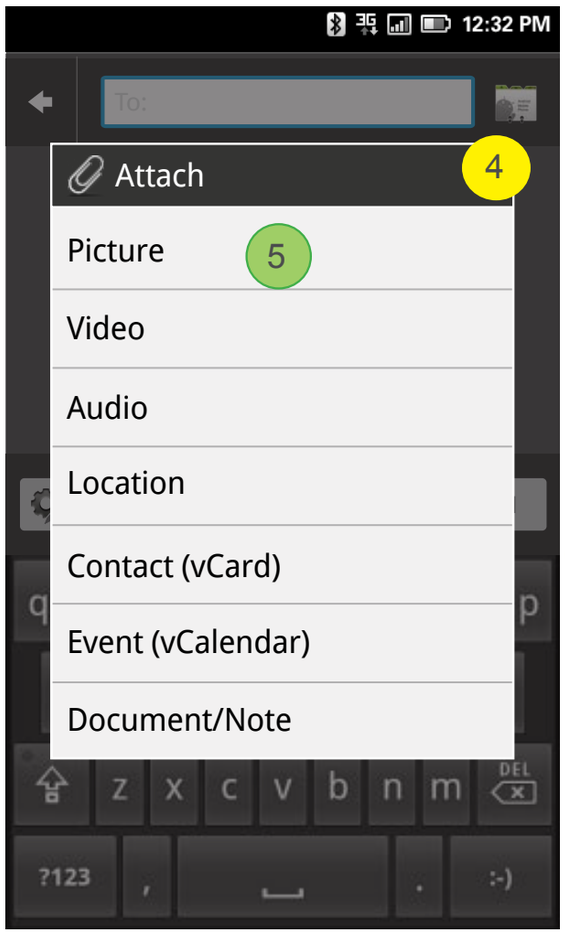
2. M.PS.2.0.c Options Pop-Up is displayed. User taps the 'Add Subject' link.

3. An additional field directly above the compose field is displayed. Here a user may enter a message subject. The subject can also be removed by tapping the Delete icon to the right of the Subject field.

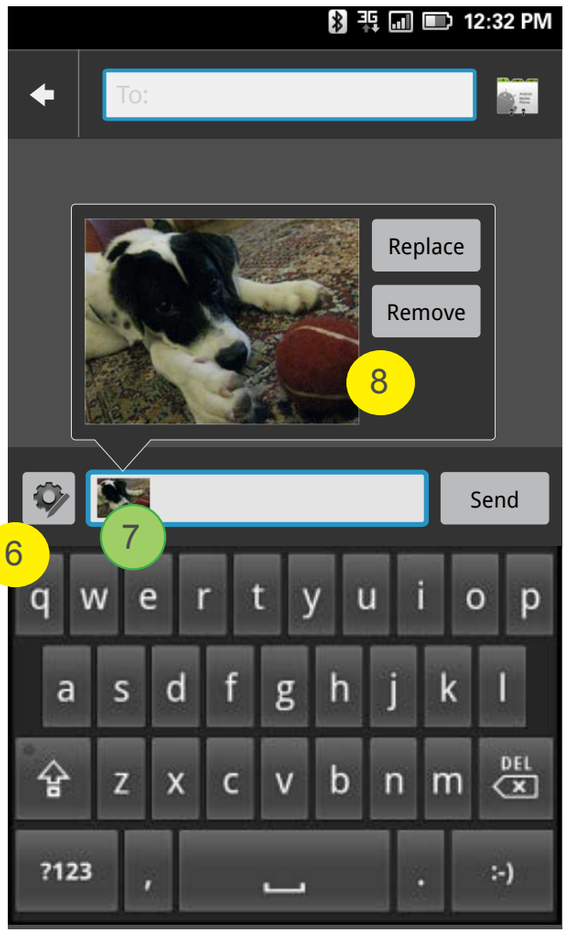
02: 3 Add Attachment



M.PS.2.0.c Options Pop-Up



M.PS.2.0.e Attach Picklist Modal



M.PS.2.3 MMS

1. User taps ‘Options’ icon.

2. M.PS.2.0.c Options Pop-Up is displayed.

3. User taps ‘Attach’.

4. M.PS.2.0.e Attach Picklist Modal is displayed,

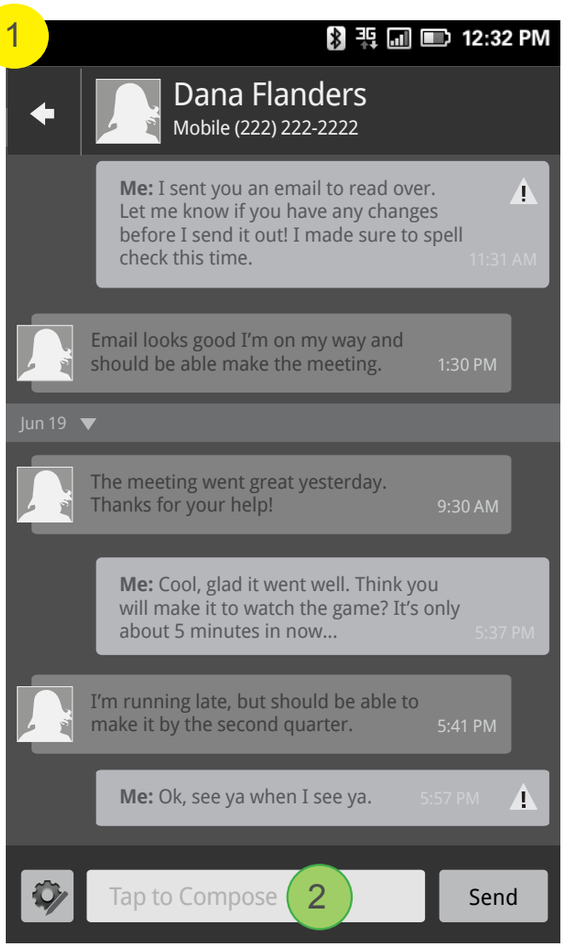
5. User taps ‘Picture’. In the case of tapping Pictures, Video, or Audio, a second menu is displayed in which the user can selected the source.
Picture: Take a Picture | Select from Gallery
Video: Take Video | Select from Gallery
Audio: Record Audio | Select from Gallery

6. A thumbnail of the attachment is displayed (in some cases, it may be an icon representing the attachment).

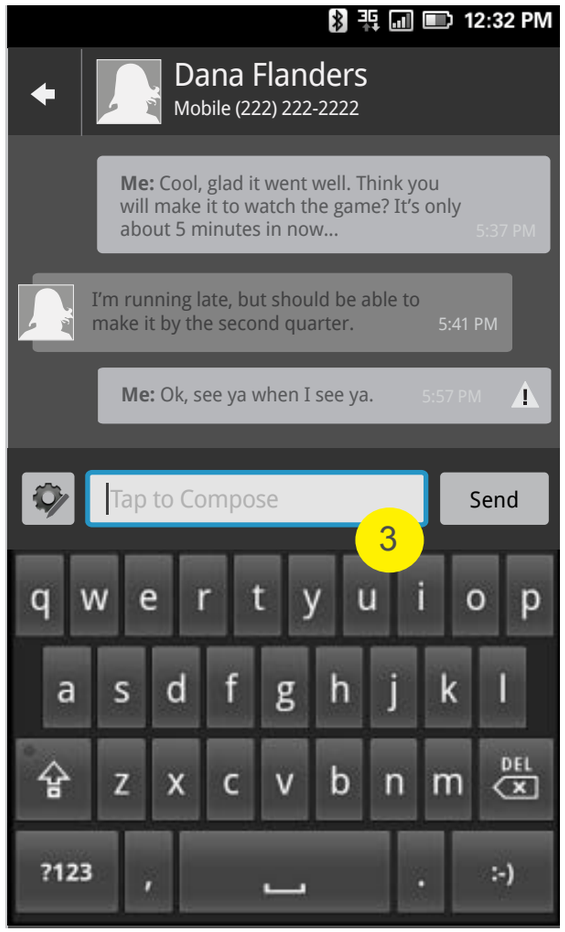
7. User taps the thumbnail.

8. An overlay is displayed that contains a ;arger view of the attachment, as well as options to Replace or Remove the attachment.

02: 4 Reply



M.PS.3.0 Single Thread View



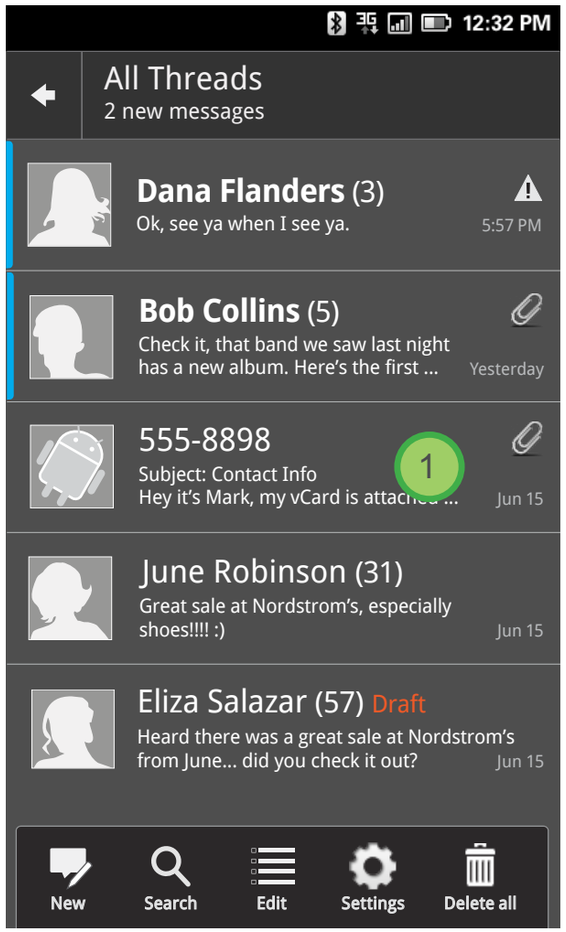
M.PS.2.2 Reply

1. View a single thread.

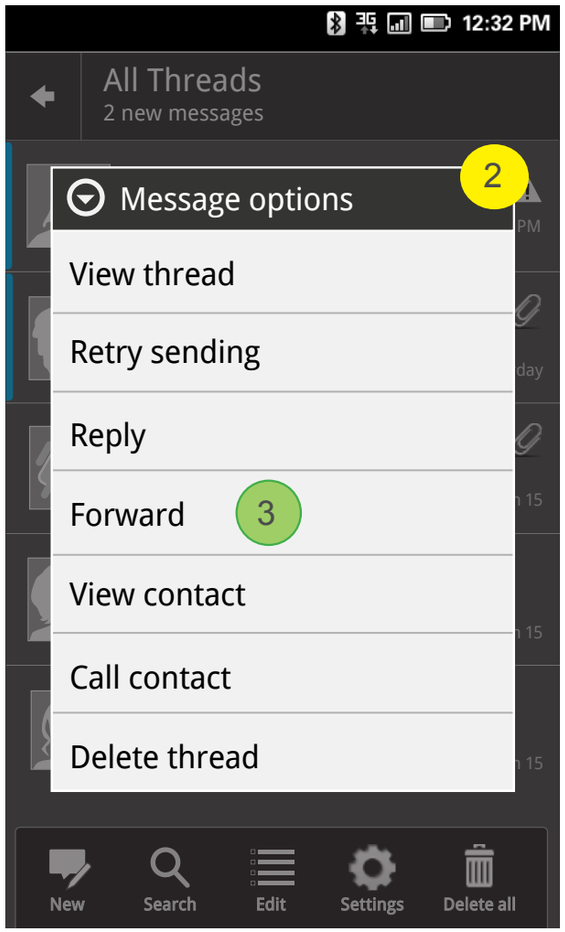
2. Tap compose view.

3. The compose field is in focus and the keyboard is displayed. User can tap a message, add subject or attachment, etc and then tap 'Send'. The sent message will be displayed at the bottom of the thread.

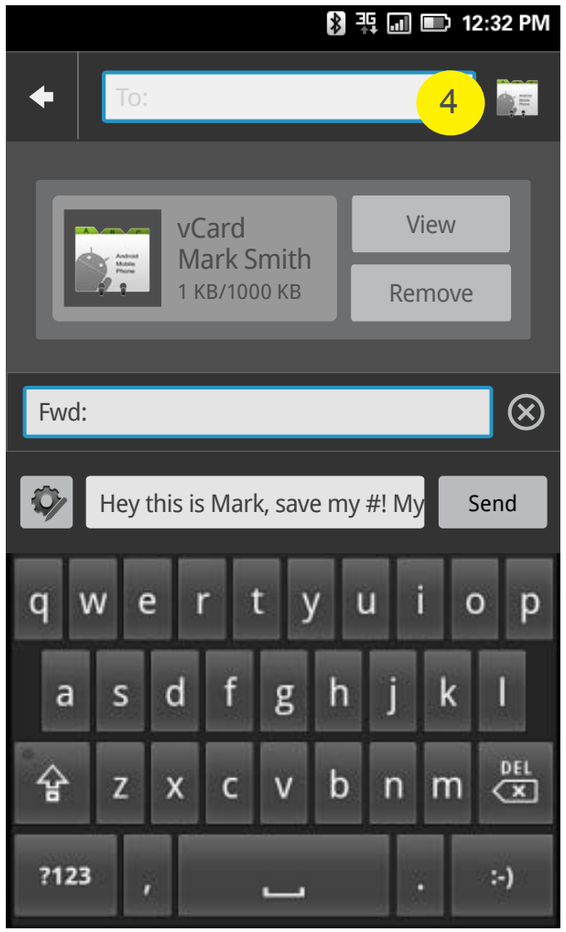
02: 5 Forward Message



M.PS.1.0 All Threads



M.PS.1.0.b LPM on Message



M.PS.2.1 Forward

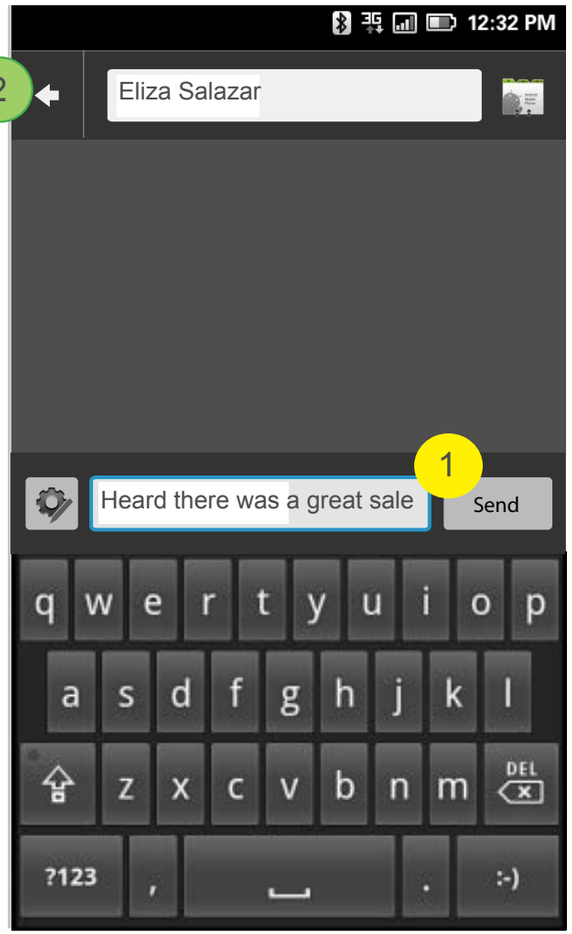
1. Long press on a message (either from M.PS.1.0 All Threads or M.PS.3.0 Single Thread View).

2. Message Options dialog is displayed (M.PS.1.0.b LPM on Message or M.PS.3.0.b LPM on Received Message)

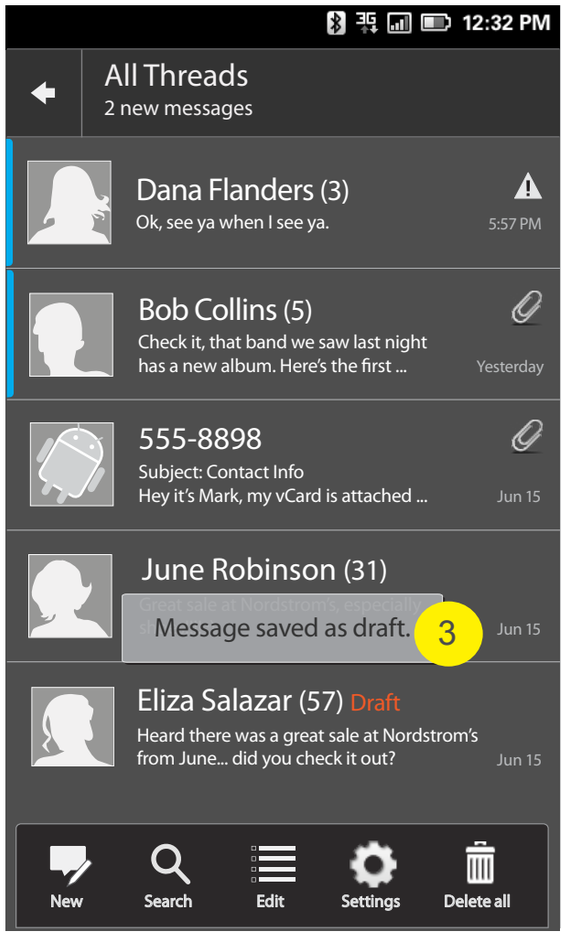
3. Tap 'Forward'.

4. M.PS.2.1 Forward is displayed. On this screen the recipient field is blank, and the user has the option to edit any attachments or text before sending.

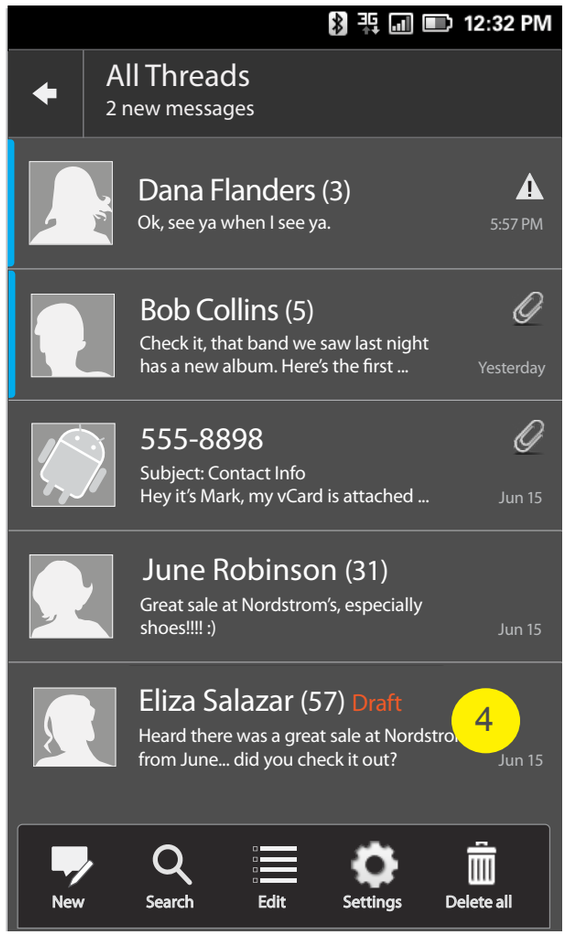
02: 6 Save Draft



M.PS.2.0 Compose New



M.PS.2.0.h Draft Saved Toast



M.PS.1.0 All Threads

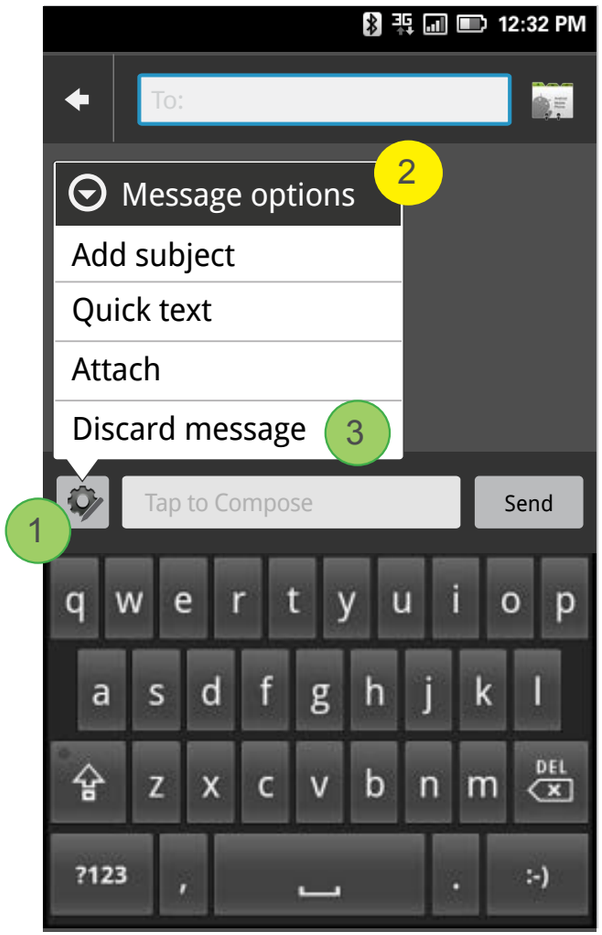
1. User enters a message, but leaves the screen before sending.

2. User can leave this screen either through the Back hardkey, or can press the Up arrow. User taps the Up arrow.

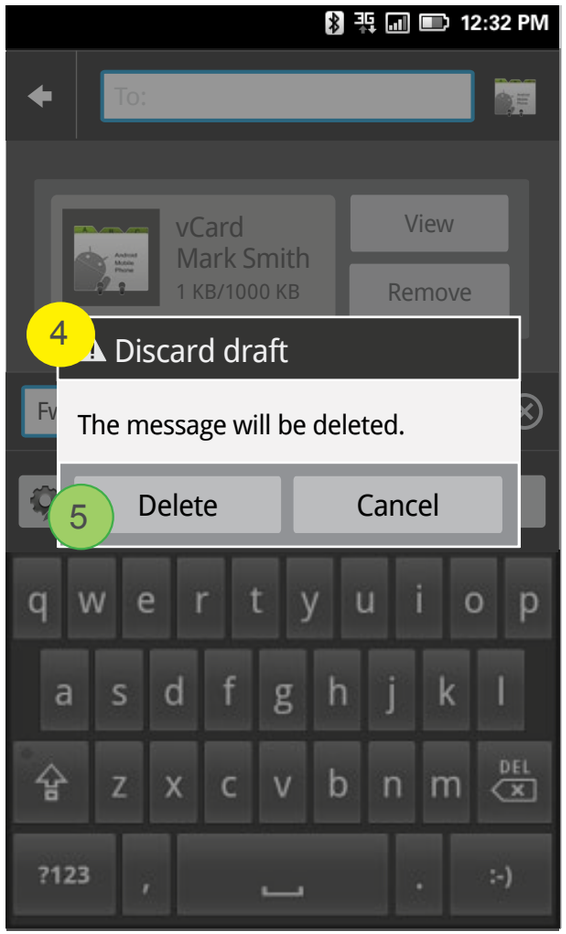
3. M.PS.2.0 All Threads is displayed. The system automatically saves the message as a draft. A saved draft notification toast is displayed.

4. The draft message appears in the thread, along with an indication that it is a draft.

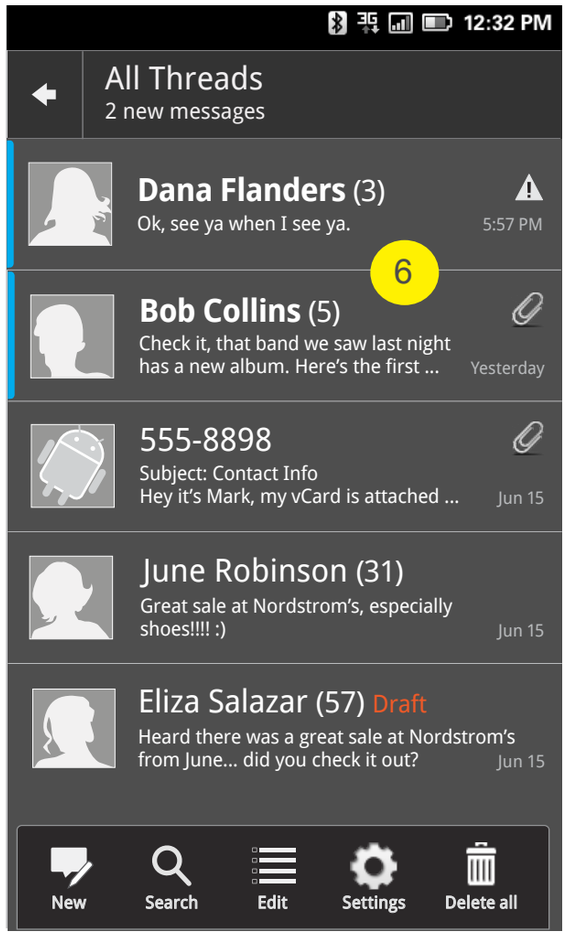
02: 7 Discard Unfinished Message



M.PS.2.0.c Options Pop-Up



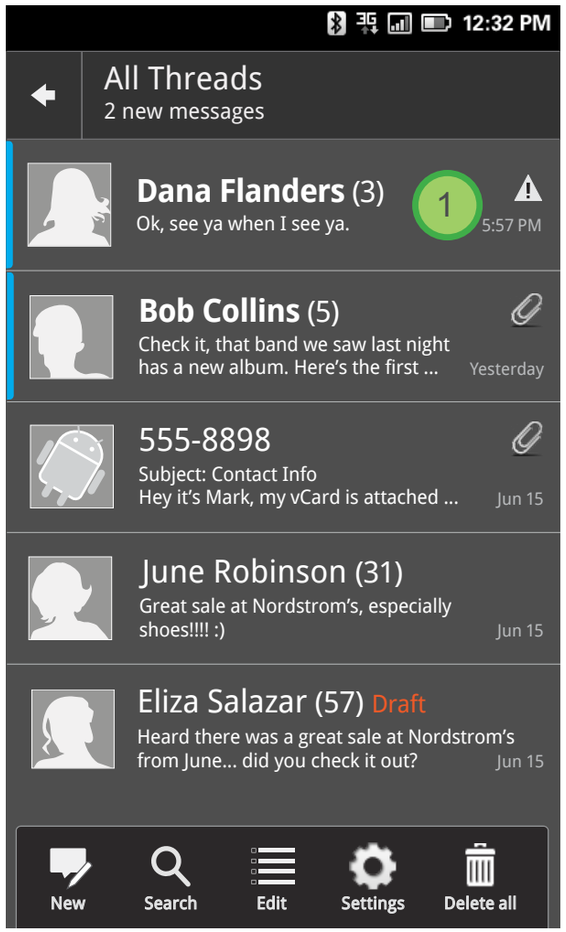
M.PS.2.0.g Discard Confirmation



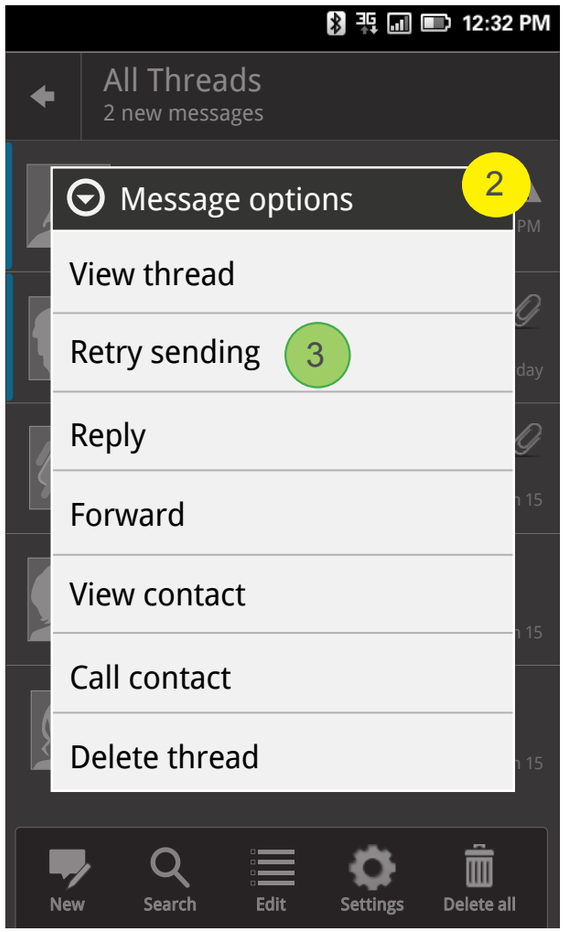
M.PS.1.0 All Threads

1. Tap the 'Options' icon.
2. M.PS.2.0.c Options Pop-Up is displayed.
3. Tap 'Discard Message'.
4. M.PS.2.0.g Discard Confirmation is displayed.
5. Tap 'Delete' button.
6. If user taps 'Delete', M.PS.1.0 All Threads is displayed without the discarded message. If user taps 'Cancel', M.PS.2.0 Compose New is displayed.

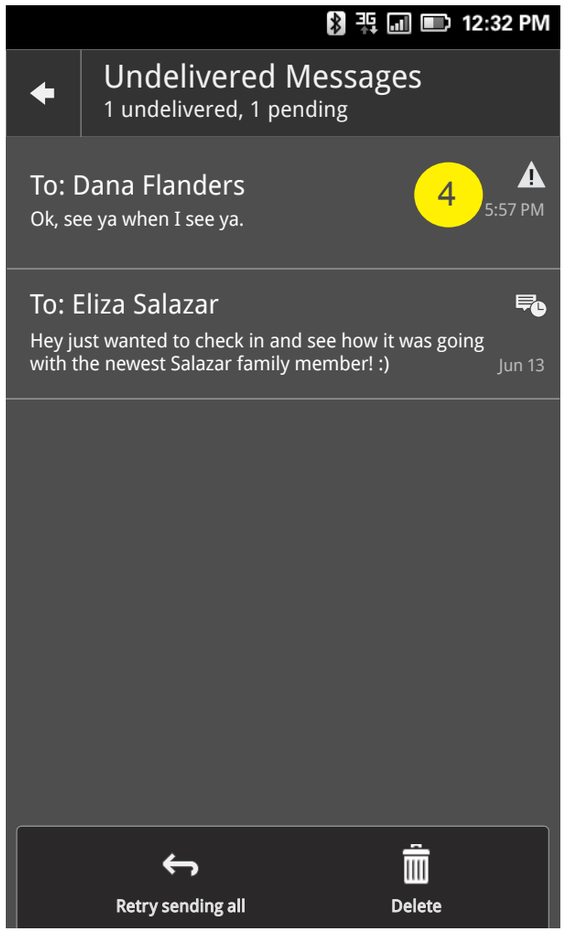
02: 8 Resend Failed Message



M.PS.1.0 All Threads



M.PS.1.0.b LPM on Message



M.PS.1.2 Undelivered

1. Long press on a failed message (either from M.PS.1.0 All Threads or M.PS.3.0 Single Thread View or M.PS.1.2 Undelivered).

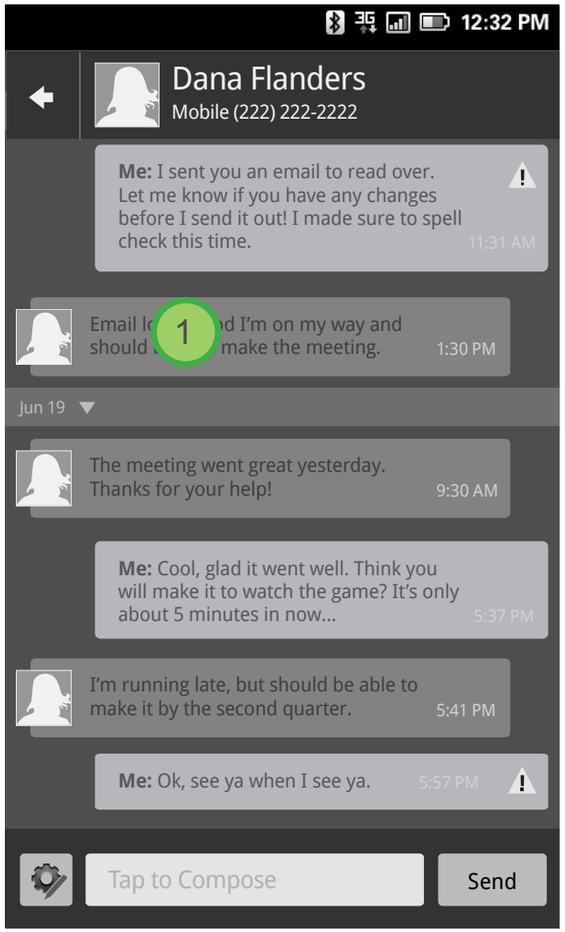
2. Message Options dialog is displayed (M.PS.1.0.b LPM on Message or M.PS.3.0.b LPM on Received Message or M.PS.1.2.a LPM on Message)

3. Tap 'Retry Sending'.

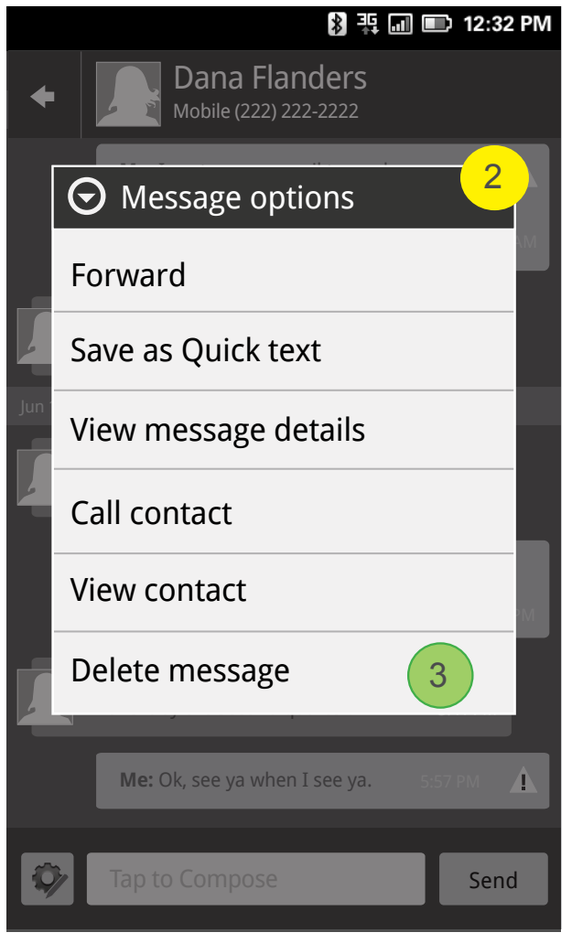
4. The system tries to resend the message. M.PS.1.2 Undelivered is displayed. The message the user is attempting to resend is displayed here, along with an icon representing its status, which is in progress/ attempting to resend.

TASK FLOWS **03:MANAGE**

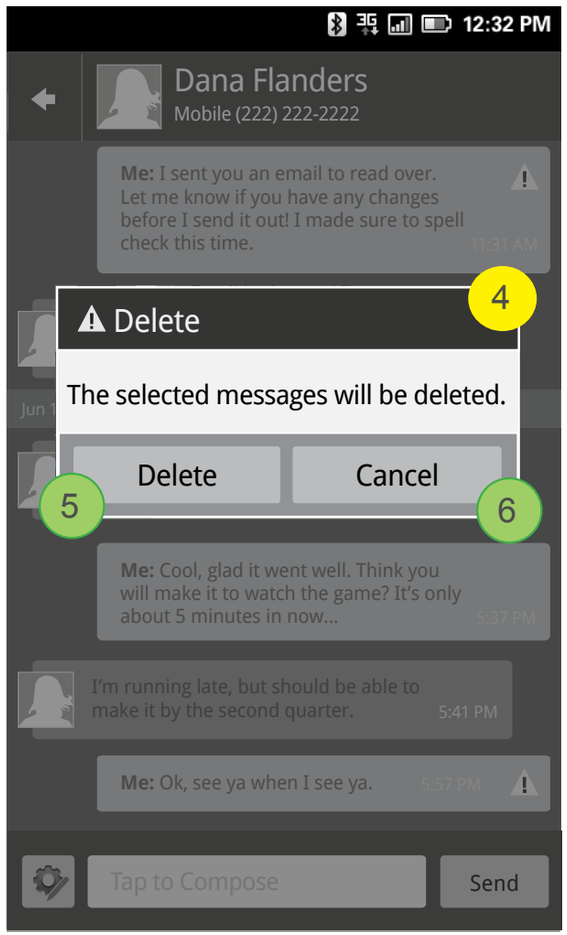
03: 1 Delete Single Message (1)



M.PS.3.0 Single Thread View



M.PS.3.0.b LPM on Received Message



M.PS.3.0.e Delete Message Confirmation

1. Long press on a single message from Contact.

2. M.PS.3.0.b LPM on Received Message is displayed.

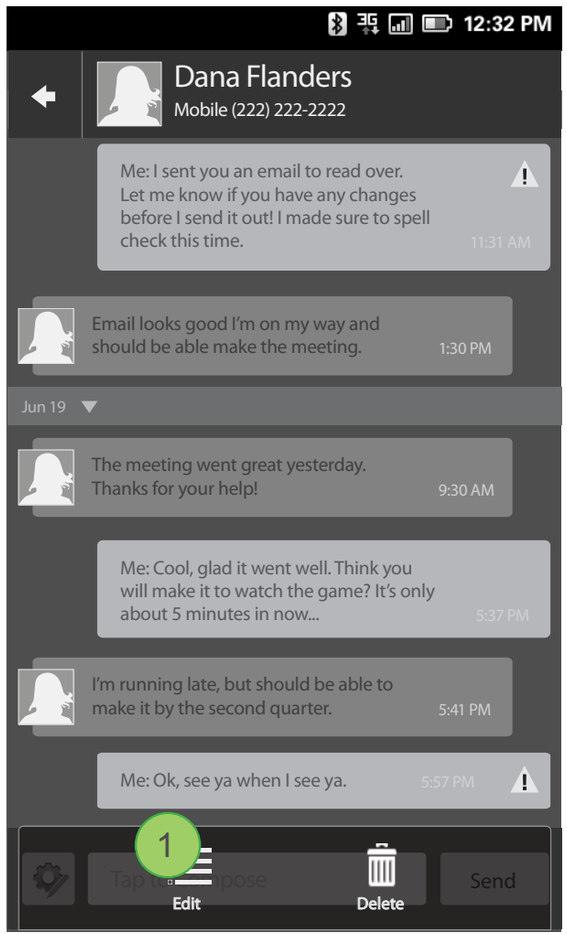
3. Tap 'Delete Message'.

4. M.PS.3.0.e Delete Message Confirmation is displayed.

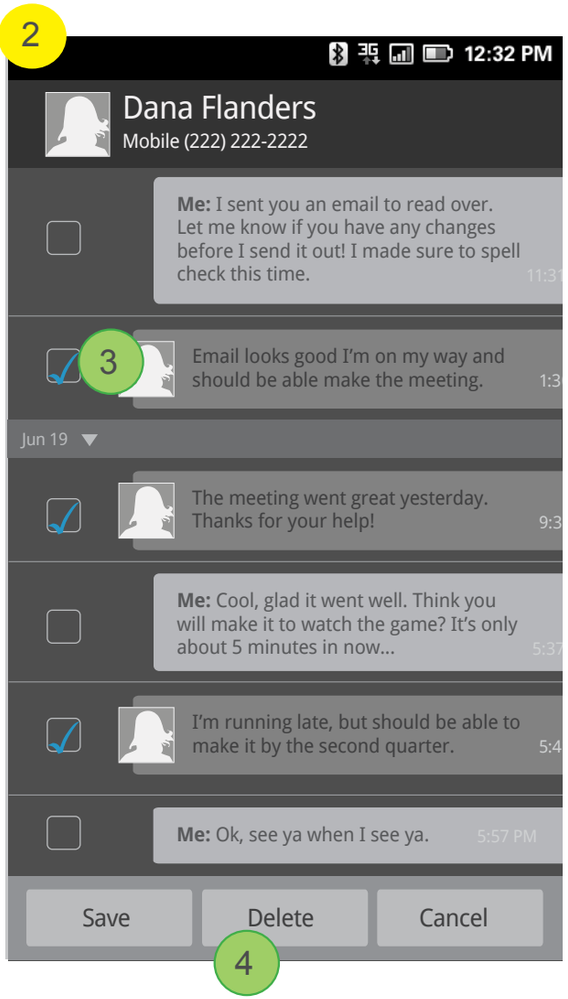
5. Tapping Delete removes the message, displays a Message Deleted Toast, and then displays M.PS.3.0 Single Thread View without the deleted message.

6. Tapping Cancel does not delete the message, and then displays M.PS.3.0 Single Thread View.

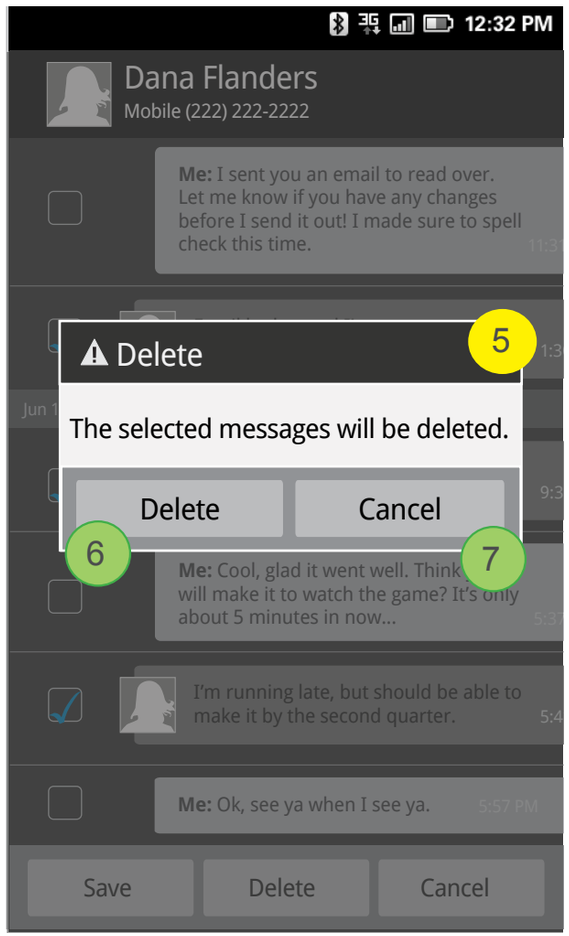
03: 1 Delete Multiple Messages



M.PS.3.0 Single Thread View



M.PS.3.0.c Edit single thread



M.PS.3.0.g Delete Message confirmation

1. Tap 'Edit' from the action bar on M.PS.3.0 Single Thread View.

2. M.PS.3.0.c Edit single thread is displayed.

3. User selects one or more messages to delete by tapping checkboxes.

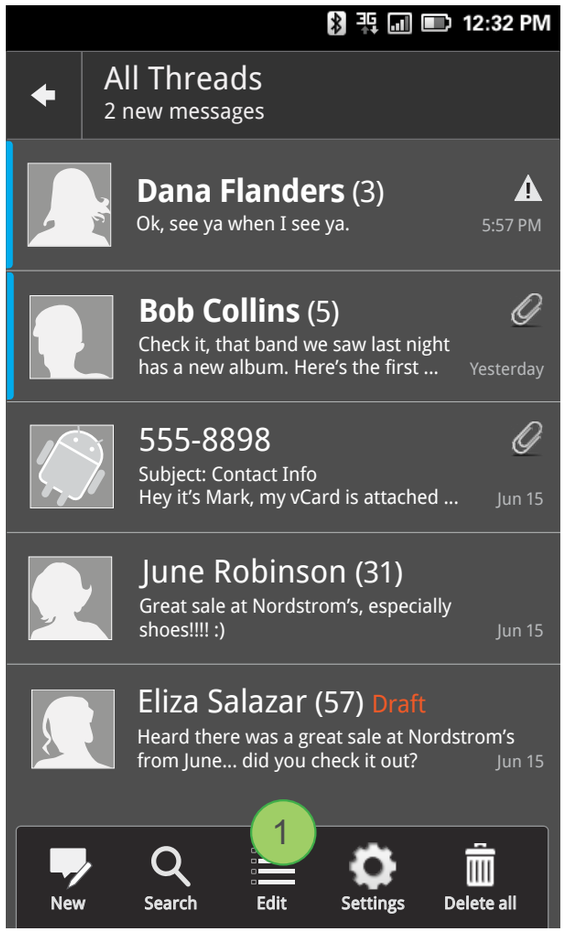
4. User taps the 'Delete' button.

5. M.PS.3.0.g Delete Message confirmation is displayed.

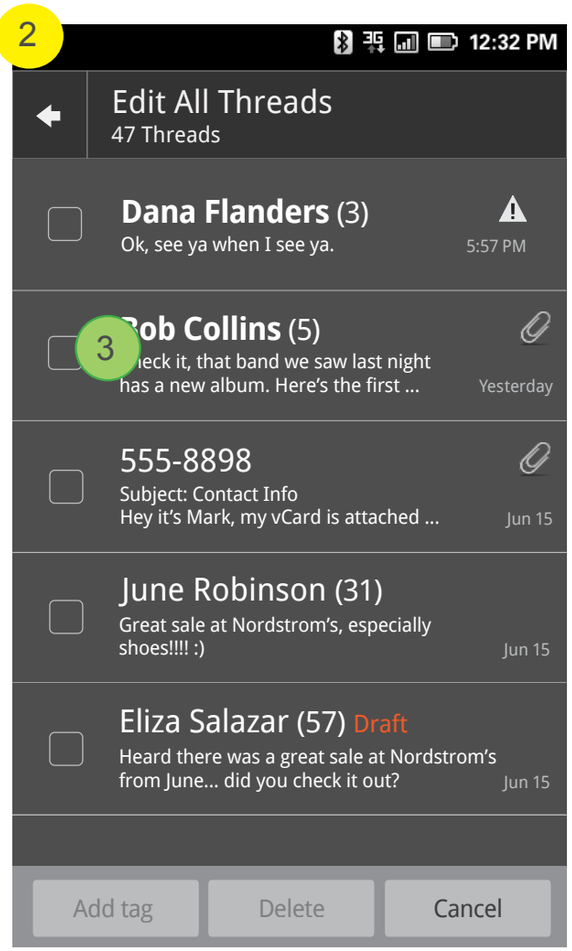
6. Tapping Delete removes the message(s), displays a Message(s) Deleted Toast, and then displays M.PS.3.0 Single Thread View without the deleted message(s).

7. Tapping Cancel does not delete the message(s), and then displays M.PS.3.0 Single Thread View.

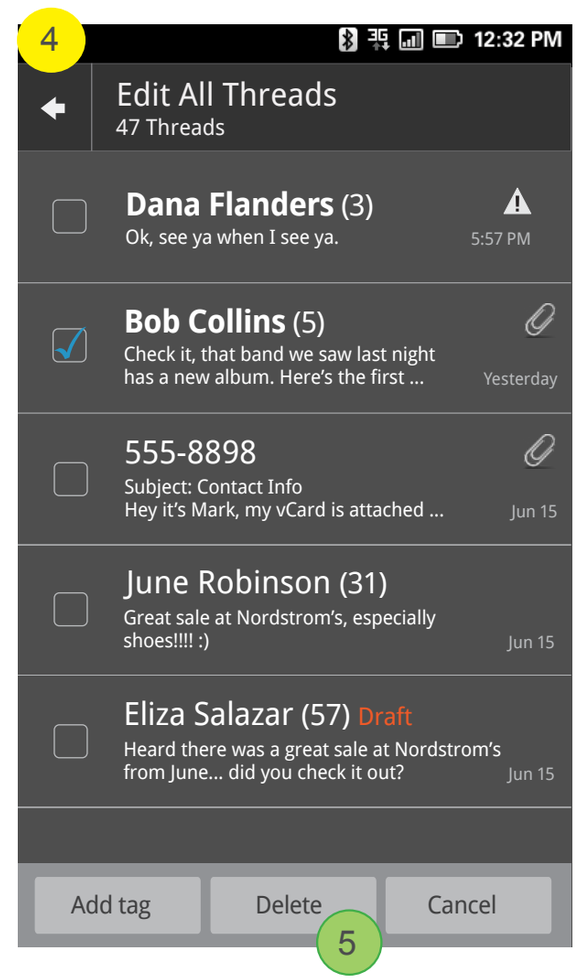
03: 2 Delete a Thread



M.PS.1.0 All Threads



M.PS.1.0.d Edit Mode



M.PS.1.0.d Edit Mode

1. Tap 'Edit' from the action bar on screen M.PS.1.0 All Threads.

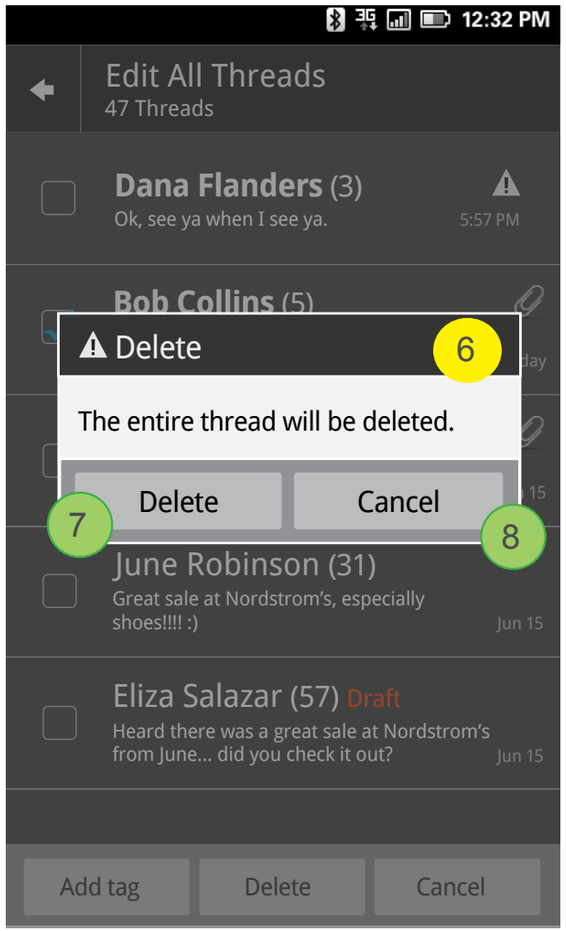
2. M.PS.1.0.d Edit Mode is displayed.

3. User taps checkbox(es) next to thread(s) that he wants to delete.

4. 'Add Tag' and 'Delete Buttons' are disabled until a user selects one or more threads.

5. Tap 'Delete' button.

03: 2 Delete a Thread (cont'd)



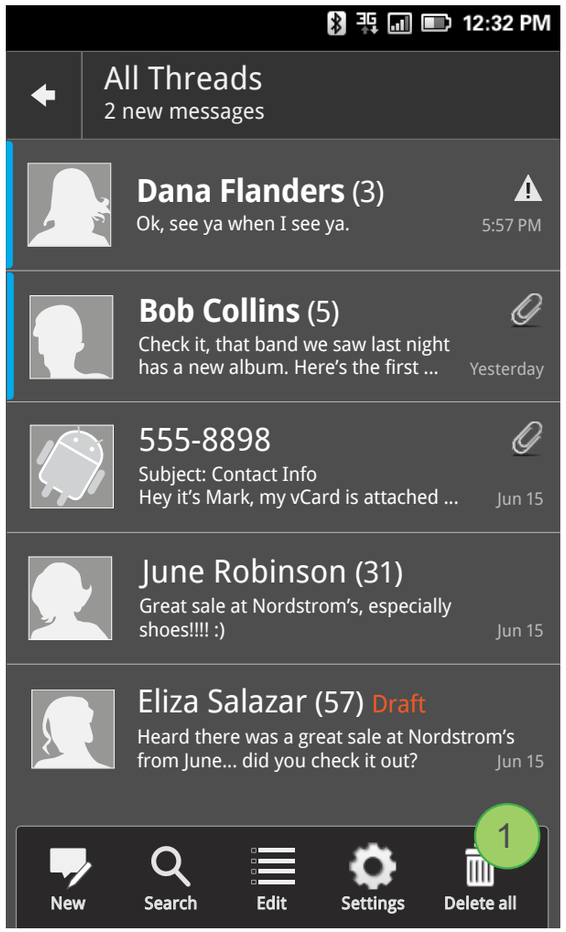
M.PS.1.0.f Delete Thread Confirmation

6. M.PS.1.0.f Delete Thread Confirmation is displayed.

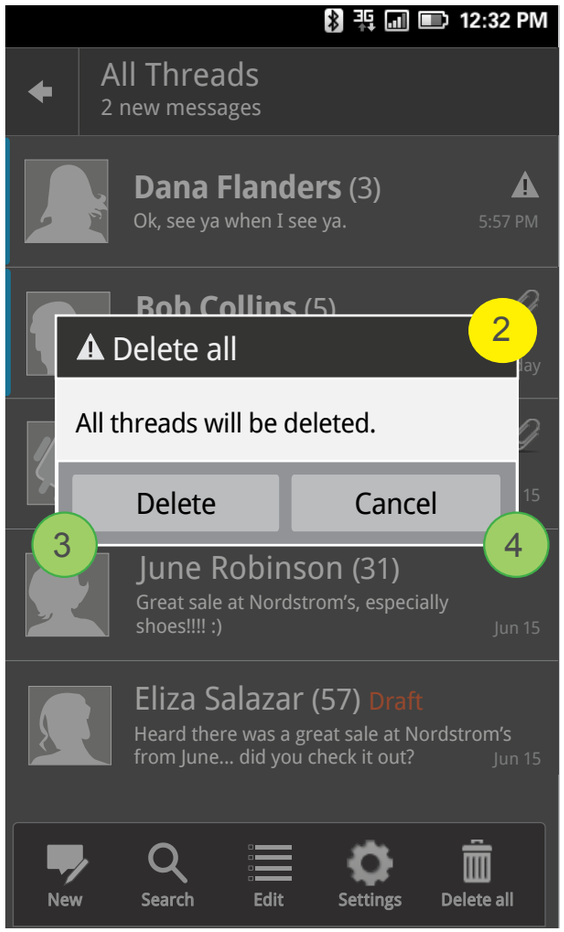
7. Tap 'Delete' button to delete thread and displays M.PS.1.0.d Edit Mode without the deleted thread.

8. Tapping the 'Cancel' button dismisses the dialog and displays M.PS.1.0.d Edit Mode with no changes.

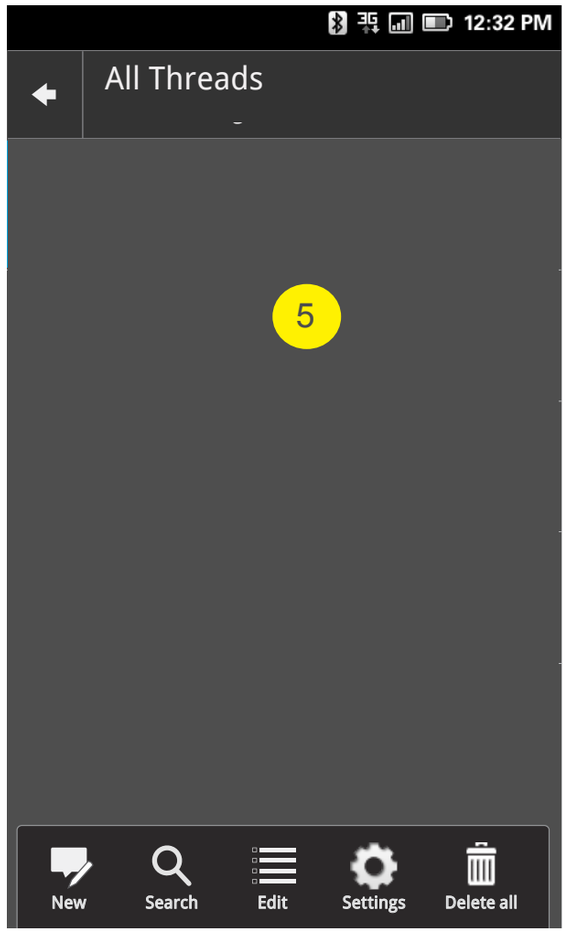
03: 3 Delete All Threads



M.PS.1.0 All Threads



M.PS.1.0.g Delete All Confirmation



M.PS.1.0 All Threads

1. Tap 'Delete All' from the action bar on M.PS.1.0 All Threads.

2. M.PS.1.0.g Delete All Confirmation is displayed.

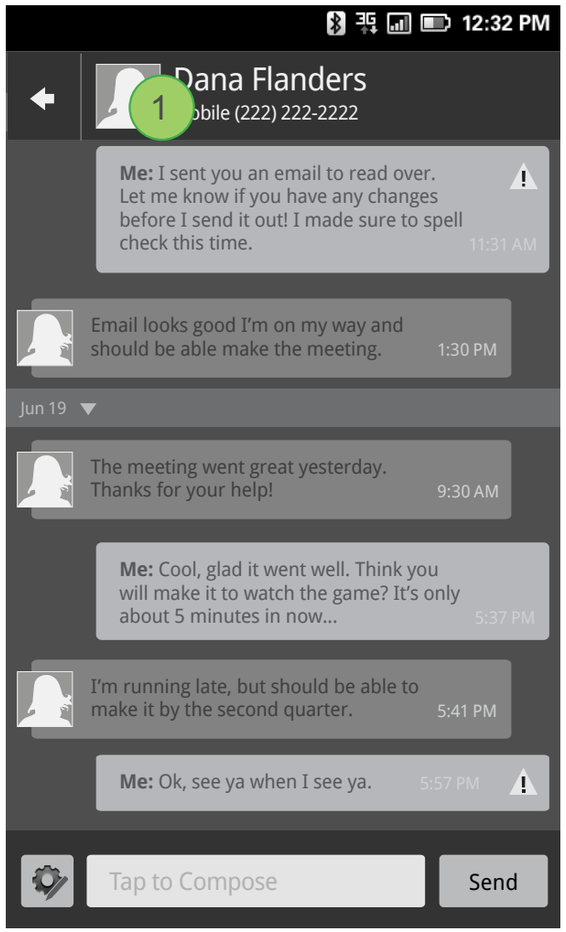
3. Tapping Delete removes the threads, displays a Threads Deleted Toast, and then displays M.PS.1.0 All Threads with no threads.

4. Tapping Cancel does not delete the threads, and then displays M.PS.1.0 All Threads.

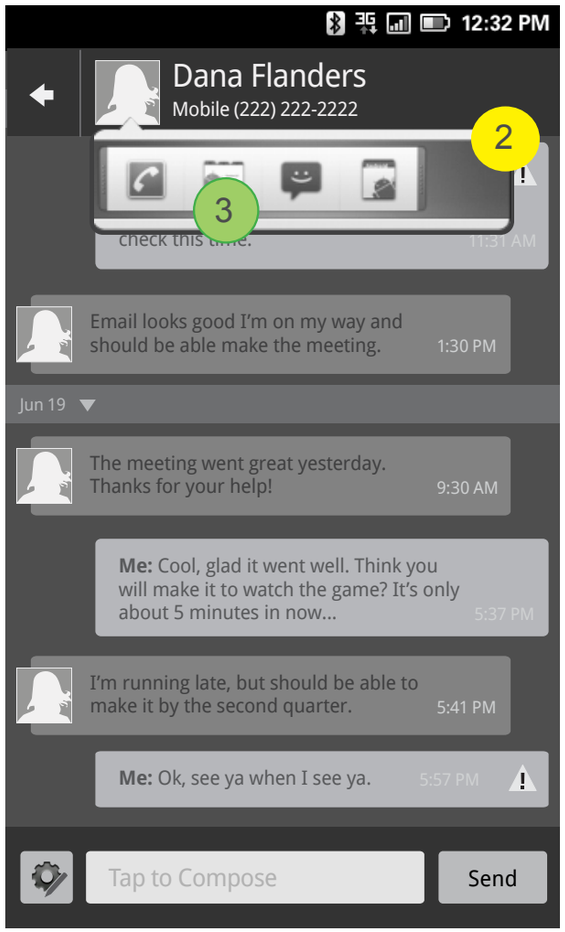
4. M.PS.1.0 All Threads with no threads.

TASK FLOWS **04:ACTIONS**

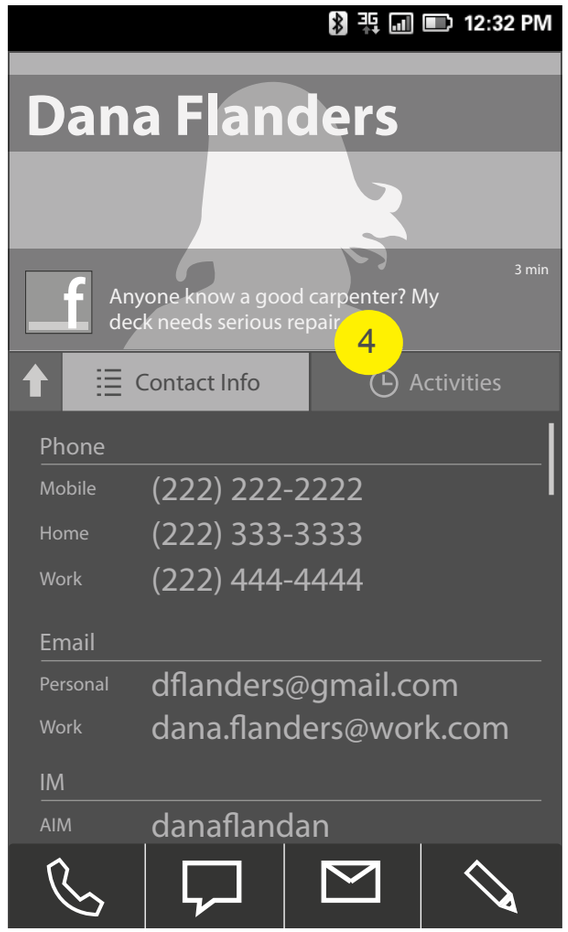
04: 1 View Contact from Thread View



M.PS.3.0 Single Thread View



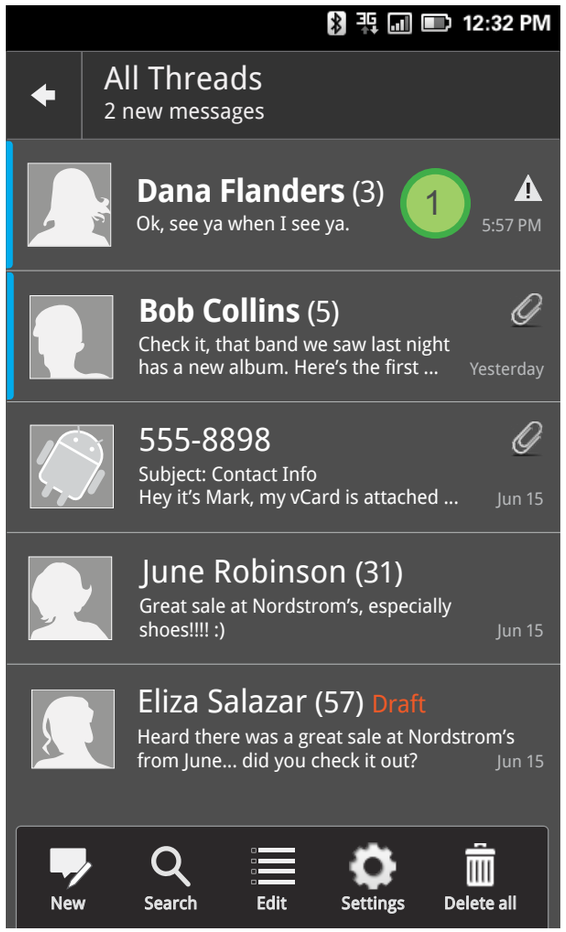
M.PS.3.0.a Quick Contact Pop-Up



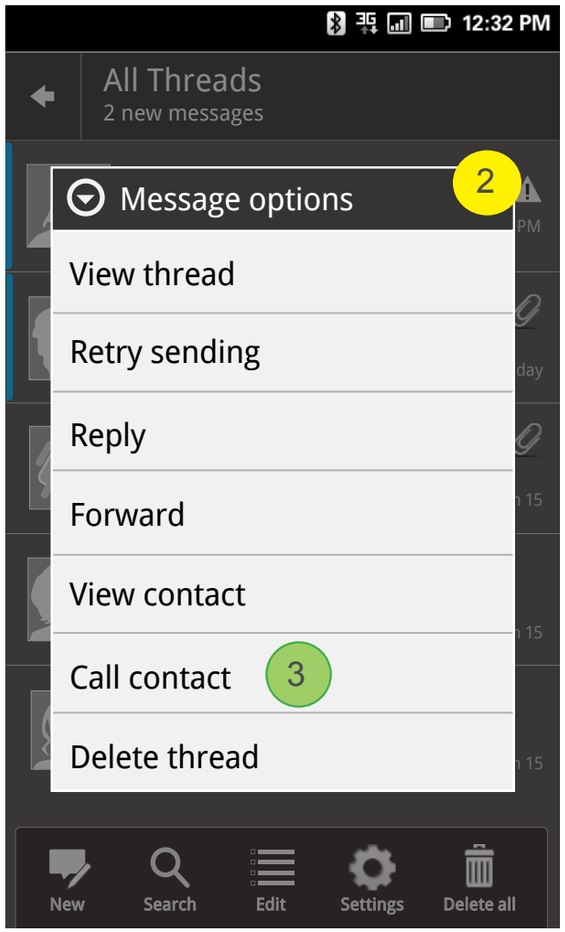
PC.PS.1.1 Indvidual Contact Card

1. Tap the contact thumbnail.
2. M.PS.3.0.a Quick Contact Pop-Up is displayed.
3. Tap contact card icon.
4. PC.PS.1.1 Indvidual Contact Card is displayed.

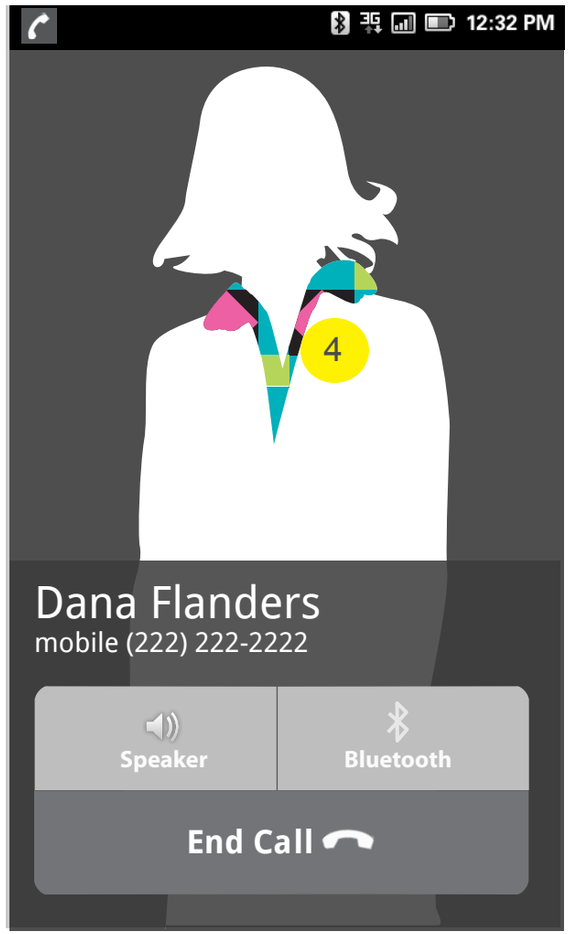
04: 2 Call Contact from a Message



M.PS.1.0 All Threads



M.PS.1.0.b LPM on Thread



Active Call with Contact

1. Long press on a thread
2. M.PS.1.0.b LPM on Thread is displayed.
3. Tap 'Call Contact'.
4. Active Call with Contact is displayed.