

SMS / MMS user story specifications

HTML 5 project

V8.0

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Release note

Wireframe pack lives in:

Mozilla Dropbox : OWD_Moz_share/Mozilla/App SMS
Bugzilla : Phone number, Email address, URL in message
https://bugzilla.mozilla.org/show_bug.cgi?id=838000
https://bugzilla.mozilla.org/show_bug.cgi?id=838002
https://bugzilla.mozilla.org/show_bug.cgi?id=838003
https://bugzilla.mozilla.org/show_bug.cgi?id=838004
https://bugzilla.mozilla.org/show_bug.cgi?id=838005

mult recipient messaging
https://bugzilla.mozilla.org/show_bug.cgi?id=844310

new wireframes

- MMS : Message settings version 1
- MMS : Message settings version 1 auto retrieve selection
- MMS : Message settings version 2

updated wireframes

MMS : pre-send attached audio file options

- annotations updated to correct typo due to copy paste. (reference to 'audio' replaces reference to 'picture')

MMS : Message settings

- typo corrected. 'Messages' changed to 'Settings'.

MMS : MMS modules

- Long-press behaviour removed from annotation to align with deleted wireframes.

Multi-recipient : Message thread listing

- Settings CTA removed as settings has moved to the settings app.
- Compose CTA moved to header
- Annotation updated

Multi-recipient : group participants

- Email removed

deleted wireframes

- MMS : Post send attachment option for a video or picture file
- MMS : Post send attachment option for a audio file
- MMS : Save attachment successful from thread
- MMS : Save attachment unsuccessful
- MMS : Message settings
moved out of message app and into setting app
- Multi-recipient : email already in contact list

new flows

- none

updated flows

- none

deleted flows

- MMS : accessing message app settings

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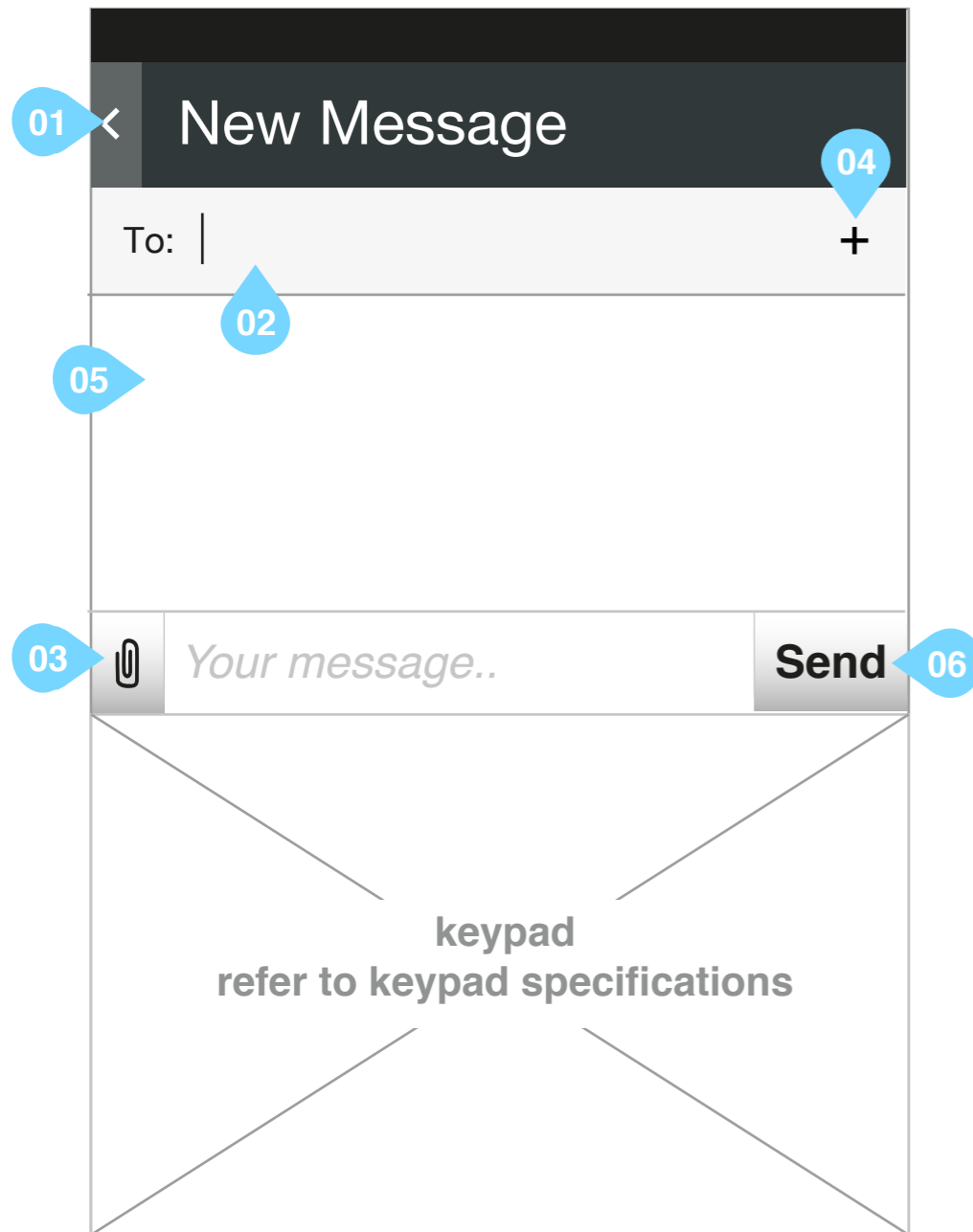
Multi-recipient Wireframes

The following pages address the following bugs in Bugzilla:

https://bugzilla.mozilla.org/show_bug.cgi?id=844310

SMS/MMS user story specification

Multi-recipient : new message



Wireframe illustrating the new message dialogue of the SMS/MMS app

annotation

01 Back button

upon tap

if content has been entered into the message field 05

- for V1.1 discard dialogue is launched. Refer to wireframe 'Multi-recipient : discard message dialogue'
- for post V1.1 Save / discard dialogue is launched. Refer to wireframe 'Multi-recipient : Save / discard message dialogue'

if no content has been entered into the message field

- New Message dialogue is closed and user is returned to where it was launched from

02 'To' field

- Feeds back the recipients of the message
 - Upon launch of dialogue this textfield is in focus and ready to receive input
 - recipient can be added:
 - by typing directly into the 'to' field.
 - user can type any character
 - user indicates that string is complete by pressing either 'return' or semi colon ';'
 - from the contact list refer to annotation 04
 - from contact list auto suggestions refer to wireframe 'Multi-recipient : auto suggestions'
 - recipient can be removed:
 - by selecting delete on the keyboard when the 'to' field is in focus.
 - This deletes the recipient directly to the left of the cursor
 - by tapping on the recipient if the recipient is from the contact list. (refer to Wireframe 'New message : recipient options')
- for further information refer to wireframe 'New message : add recipient : recipient added'

upon tap

If field is not in focus, field becomes in focus

03 attach media CTA

upon tap

Dialogue to attach media to message is launched (refer to Wireframe 'MMS : Attachment selection options')

04 Add contact from contact list CTA

- contact list is opened (refer to wireframe 'SMS : contact list' in wireframe pack 'HTML5_SMS_20121212_R2S1_V8.0')

05 Message text field

upon tap

If field is not in focus, field becomes in focus

06 Send CTA

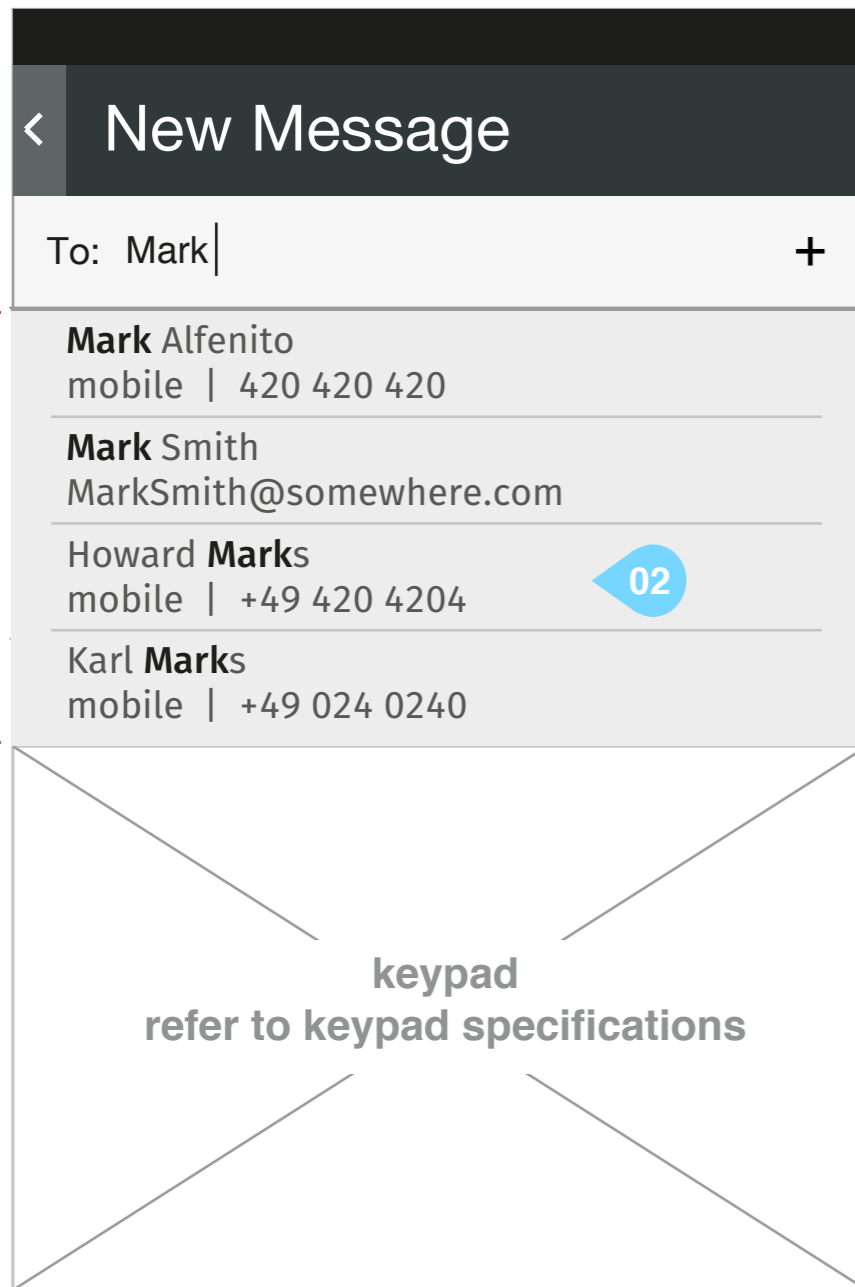
- CTA is disabled until content is input into the 'To' field (refer to annotation 02) and either content (a single char) has been added to the message field or an content has been attached

upon tap

refer to existing behaviour

SMS/MMS user story specification

Multi-recipient : auto suggestions



Wireframe illustrating SMS/MMS contacts auto suggest. Auto suggest is triggered and populated by a correlation between the input string and any part of the first name or last name fields contained in the contact list.

Rules

Presentation of results panel

The results panel containing the generated results will overlay the message field and the bar contains the attach and send CTAs

Correlation

Results are generated when there is a correlation between either the first name or last name fields of a contact in the contact list

Highlighting of correlation

The section of the string in each individual returned result that correlates to the string that has been input into the to field is highlighted

Contacts with more than one channel of communication

Where a contact has more than one channel of communication associated to it that can be used to communicate with the contact via SMS (e.g. more than one mobile number) an entry for each individual channel of communication is present in the auto suggest results for each contact.

Scrolling behaviour

If more results are returned than can be presented in the view the results can be vertically scrolled.

01 denotes the scrollable area

No results returned

If there is no correlation between content input into the 'To' string and the content of the contact list no auto suggested results are returned and the user may continue to input whatever content is desired into the 'to' field

Selection of same result

A user selects a contact with a given channel of communication (say telephone number) from the auto suggestions in order to add them to the 'to' field. If they then proceed to generate the same list of auto suggestions a second time the number already selected will still be presented. If the user then selects the same contact with the same channel of communication from the suggestions a second time in order to add to the 'to', the 'to' field will contain two individual entries for the same contact with same channel of communication. However when the user presses 'send' only one message should be sent to the contact.

Closing auto suggestions

Auto suggestions are closed by one of the following methods:

- 1) Typing characters until there is no correlation between the content of the 'to' field and the first name or last name fields of the contacts in the contact list.
- 2) deleting the characters input into the 'to' field using the delete key on the keyboard
 - a single tap on the delete should remove one letter
 - a tap and hold on the delete key should remove all input characters in one actions

annotation

02 Suggestions from contact list

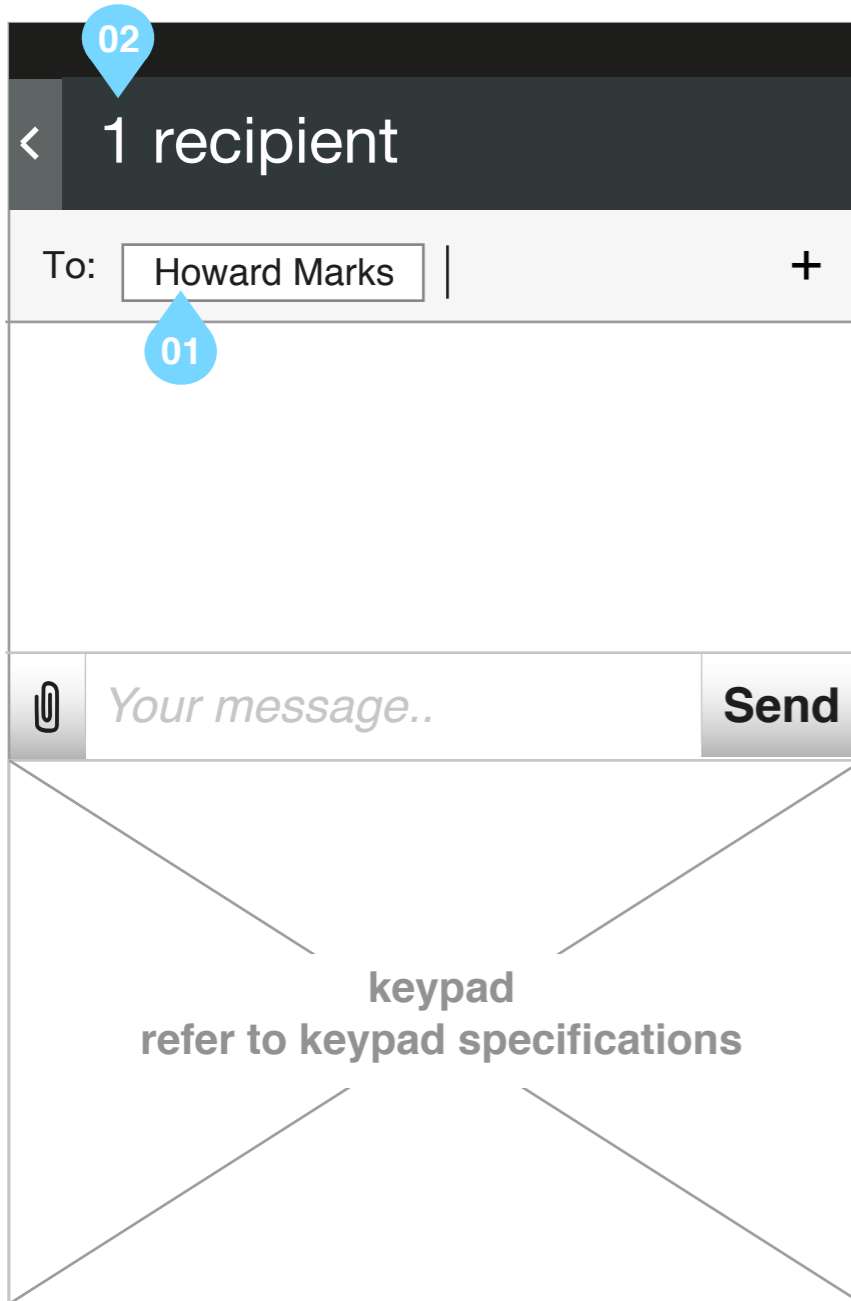
upon tap on an individual result

- contact added to 'to' field
 - once a contacts specific channel of communication (e.g. the selected phone number) has been added to the 'to' field this contacts specific channel of communication will not appear again in the auto suggestions until it has been removed from the 'to' field.
- contact suggestions dialogue closed
- cursor focus remains on 'to' field

refer to wireframe 'Multi-recipient : recipient added'

SMS/MMS user story specification

Multi-recipient : recipient added



Wireframe illustrating a new message thread after a contact has been added.

annotation

01 individual recipient module in 'To'

upon tap

- if the recipient is from the contact list
 - this is identified by the recipient being added either
 - via the contact list, or
 - via the auto suggestions
 - contact options are presented. refer to wireframe 'Multi recipient : recipient options'
- if the recipient is not from the contact list
 - this is identified by the text solely being manually input via the keyboard without any selection from the auto suggestions
 - the module goes back into edit mode through which the already input text can be
 - added to, or
 - deleted

02 header

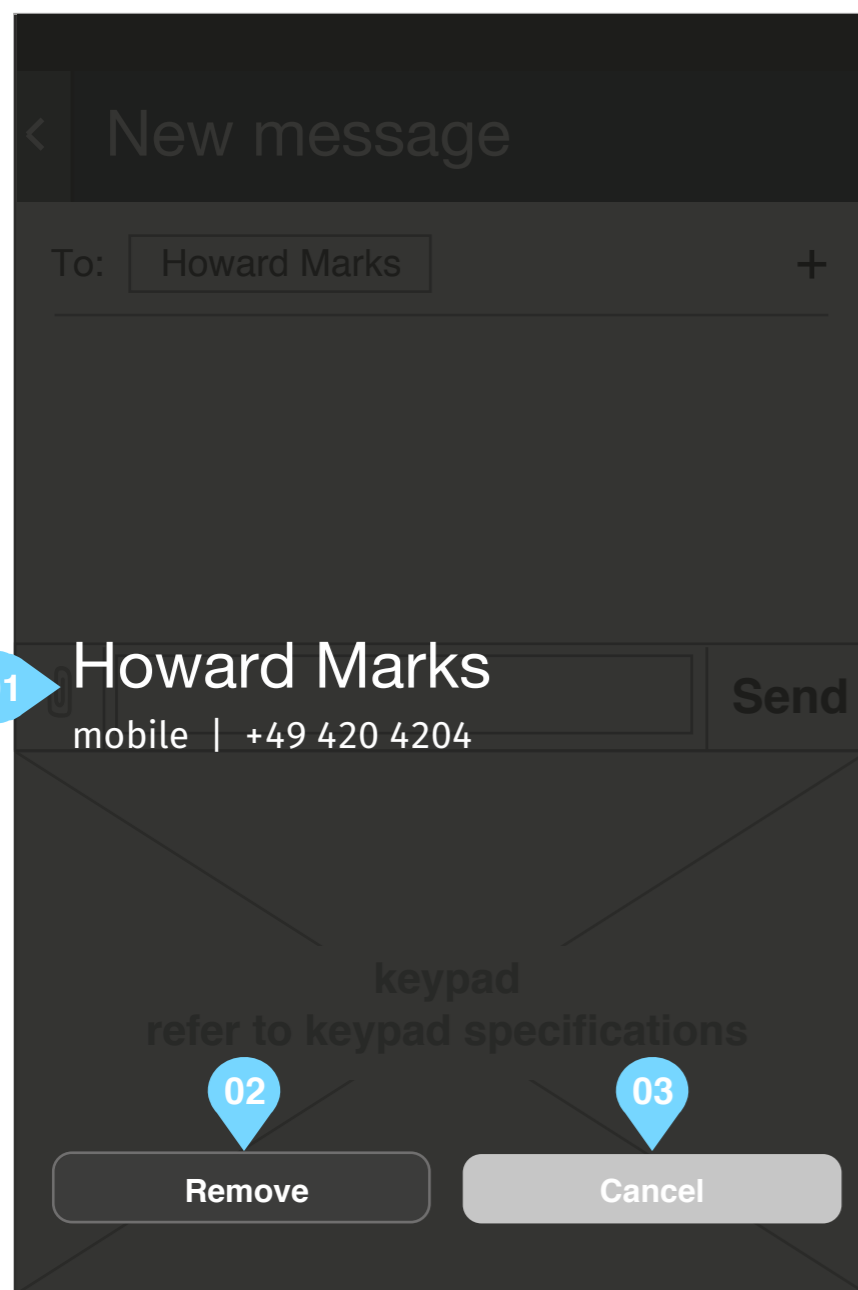
- content of header to reflect the content of the 'to' field
 - when 'to' field is empty
 - header text is "New Message"
 - when 'to' field has content
 - header text is " 'n' recipients " where 'n' is the number of recipients that have been added to the to field

Note

For further behaviour of the 'to' textfield and message textfield refer to 'Multi-recipient : add recipient from contact list, auto suggest or via keyboard' and 'Multi-recipient : user types message first'

SMS/MMS user story specification

Multi-recipient : recipient options



Wireframe illustrating an SMS/MMS recipient options. This dialogue is shown when user selects a recipient's module from to the 'to' field in the New Message dialogue and the recipient has been added either via the contact list or from the auto suggestions

annotation

01 Title of recipient, type of phone and number.

- the text here must be exactly the same text as presented in the recipient's module that was selected from the auto suggestions. Or if the phone number was selected from the contact detail card via the contact list it must present the content of the following fields from the contact detail card:

- first name
- last name
- type
- phone number

02 Cancel CTA

upon tap

- any alterations that the recipient has made to the preferred channel of communication are committed
- recipient options dialogue is closed
- user is returned to the New Message view

03 remove CTA

upon tap

- removes the recipient from the 'to' field
- recipient options dialogue is closed
- user is returned to the New Message view with the given recipient removed from the 'to' field

SMS/MMS user story specification

Multi-recipient : discard message dialogue

Wireframe illustrating the 'discard message dialogue' that the user is presented with when they move away from a message that they have been composing before sending or deleting it.

This is a P1 requirement and is therefore mandatory for v1.1

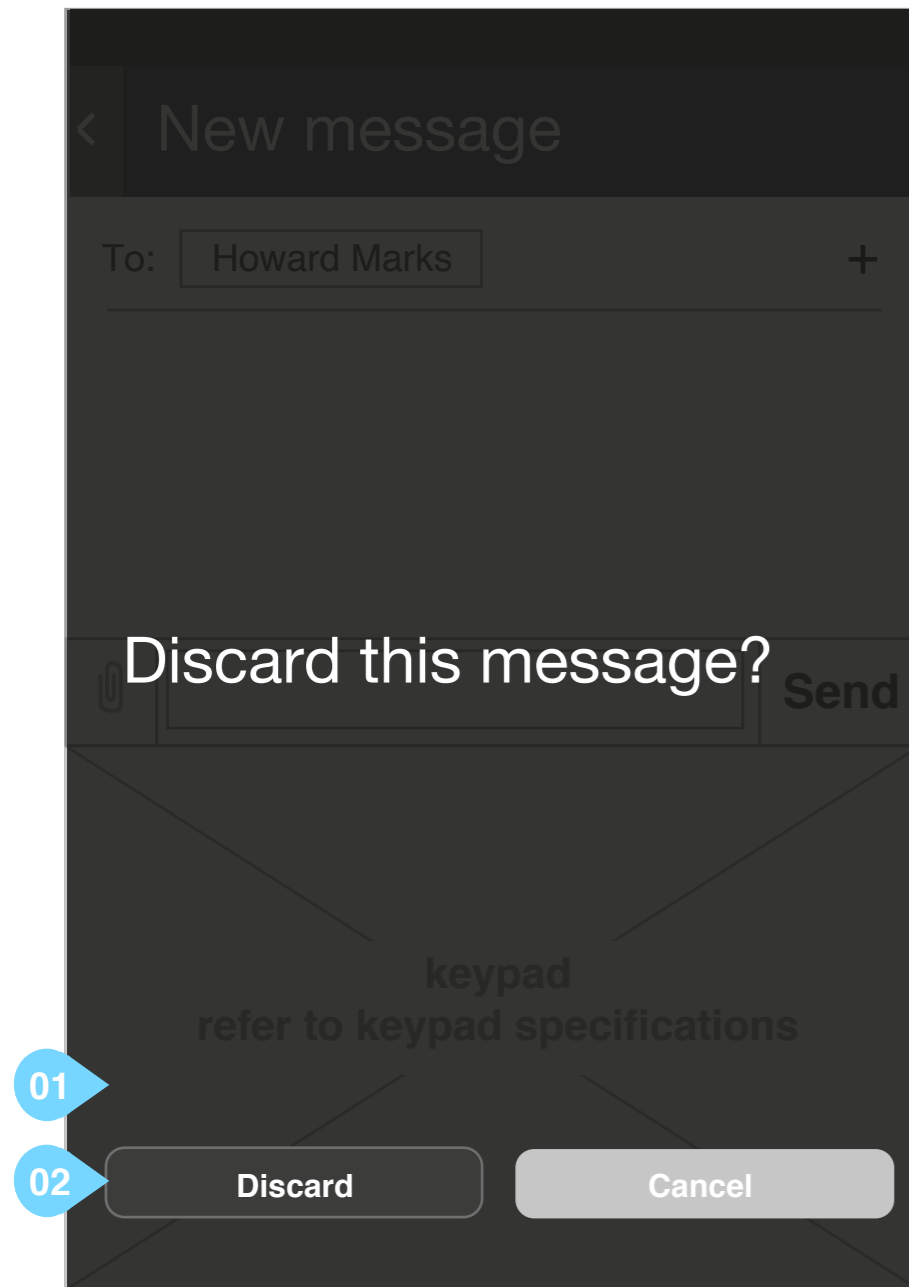
annotation

01 Discard message CTA

- discards all unsent content that has been put into the message
- Multi-recipient : Save / discard message dialogue is closed
- user is returned to wherever they launched the new message or message thread dialogue from

02 Cancel CTA

- Multi-recipient : Save / discard message dialogue is closed
- user is returned to the view from which the the save /discard message dialogue was launched from



SMS/MMS user story specification

Multi-recipient : Save / discard message dialogue

Wireframe illustrating the 'Multi-recipient : Save / discard message dialogue' that the user is presented with when they move away from a message that they have been composing before sending or deleting it.

This is a P3 requirement and therefore is not mandatory for v1.1

annotation

01 Discard message CTA

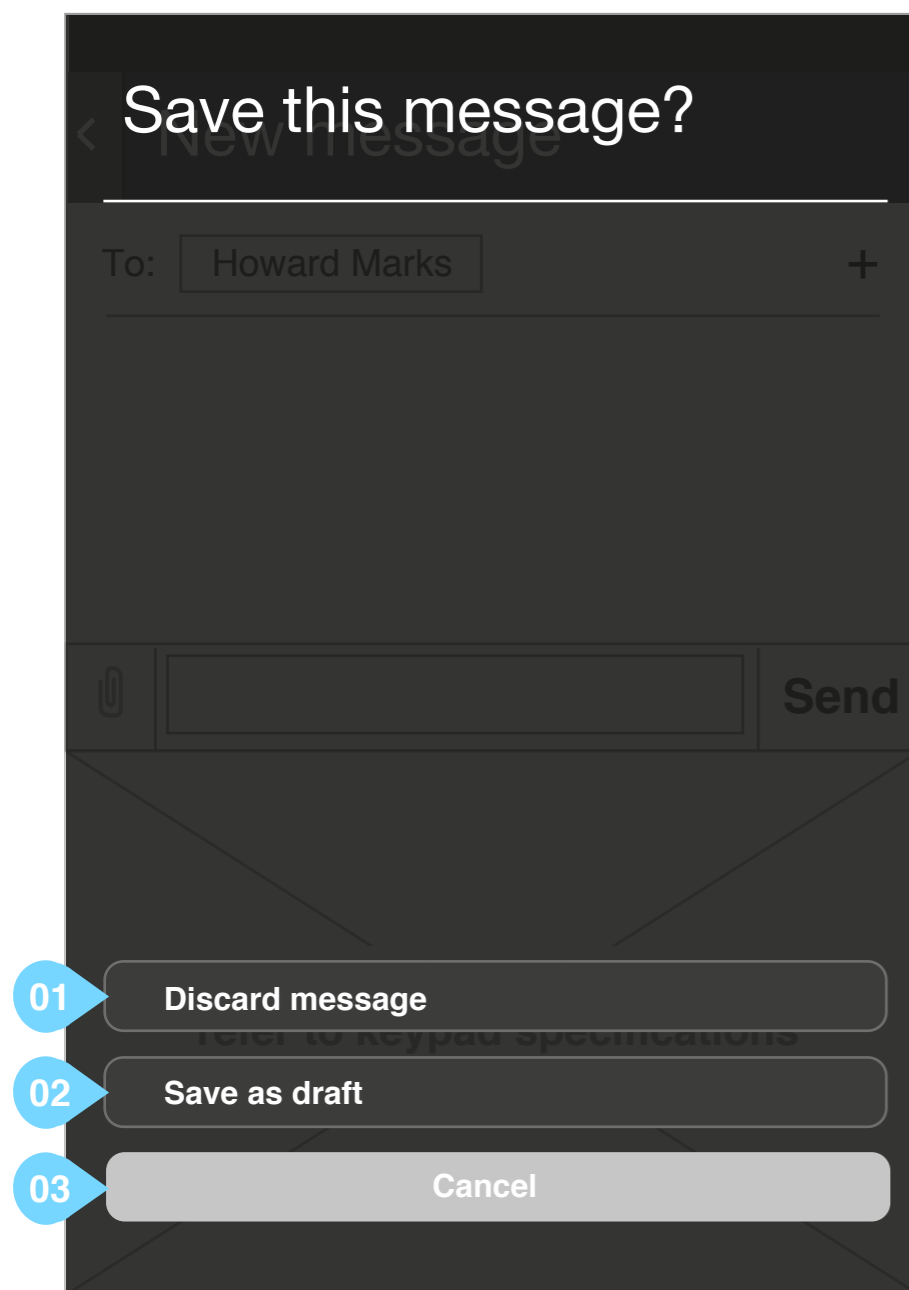
- discards all unsent content that has been put into the message
- Multi-recipient : Save / discard message dialogue is closed
- user is returned to wherever they launched the new message or message thread dialogue from

02 Save as draft CTA

- all unsent content that has been put into the message is saved as a draft and will be present when the user reopens the message
- entry point to message thread is given 'draft' treatment in thread listing. refer to wireframe 'Message thread listing'
- Multi-recipient : Save / discard message dialogue is closed
- user is returned to wherever they launched the new message or message thread dialogue from

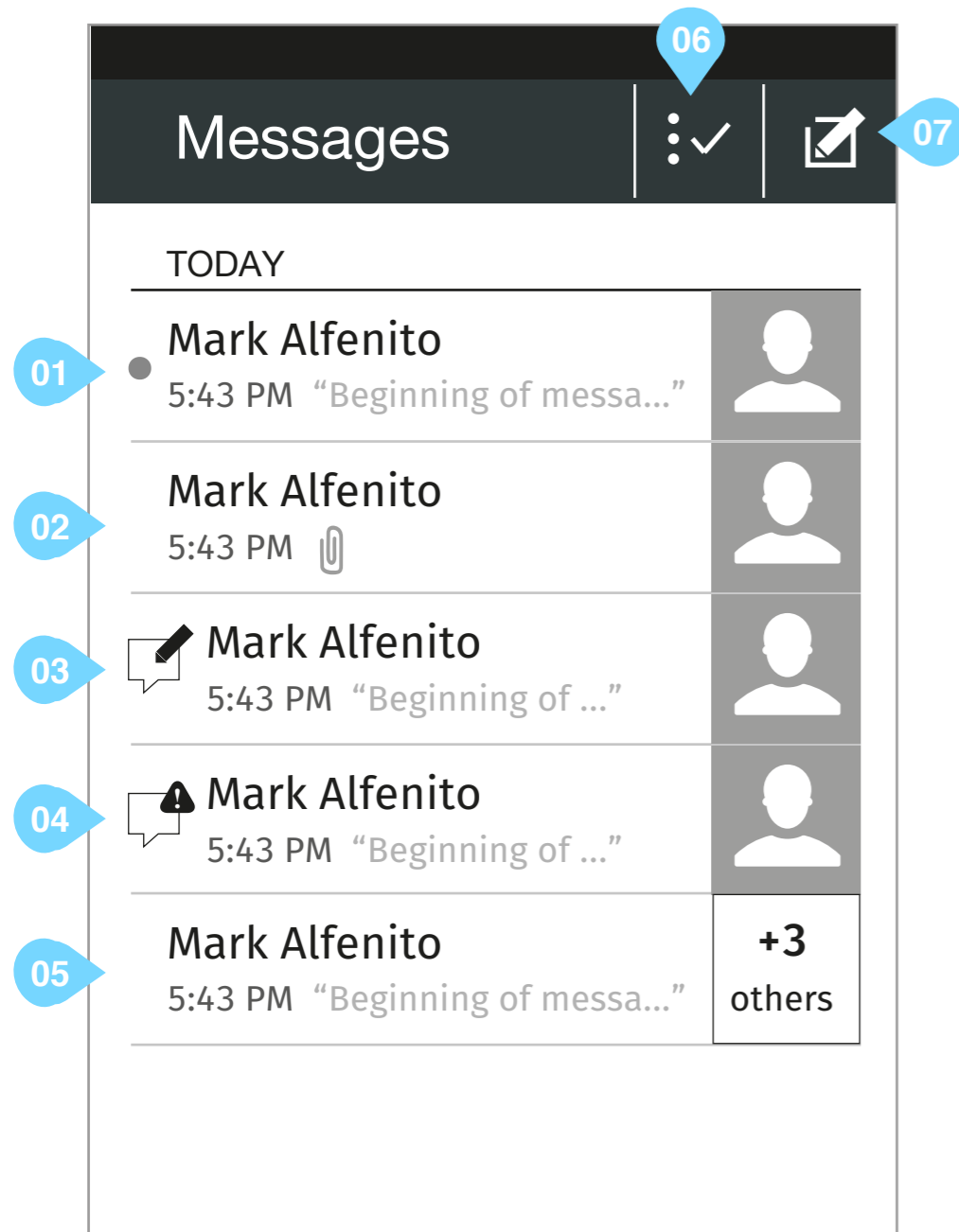
03 Cancel CTA

- Multi-recipient : Save / discard message dialogue is closed
- user is returned to the view from which the the save /discard message dialogue was launched from



SMS/MMS user story specification

Multi-recipient : Message thread listing



Wireframe illustrating the new message thread listing for the SMS/MMS app.
All functionality as is as current SMS app unless stated

annotation

01 module indicating new message

upon tap
opens selected message thread

02 module indicating last message either sent or received has an attachment

- Due to space constraints there is no need to include any text from the message as it is the attachment that is important

upon tap

opens selected message thread. (refer to wireframes 'MMS : Received attachment downloaded downloaded' and 'MMS : Sent Message')

03 module indicating message saved as draft

- The icon deliberately indents the name of the recipient in order to break the vertical alignment of the scannable list and so draw the users attention to the fact that there is an unsent message due to it being saved as a draft

- this is a P3 requirement and therefore not mandatory for V1.1

upon tap

opens selected message thread with unsent message populating the 'message text field'. (refer to wireframe: Multi-recipient : new message')

04 module indicating message send failure

- The icon deliberately indents the name of the recipient in order to break the vertical alignment of the scannable list and so draw the users attention to the fact that there is an unsent message due to failure during sending

upon tap

opens selected message thread

05 module indicating group message

upon tap

opens selected message thread (refer to wireframe : Multi-recipient : message thread)

06 Edit CTA

upon tap

same behaviour as already implemented in SMS app

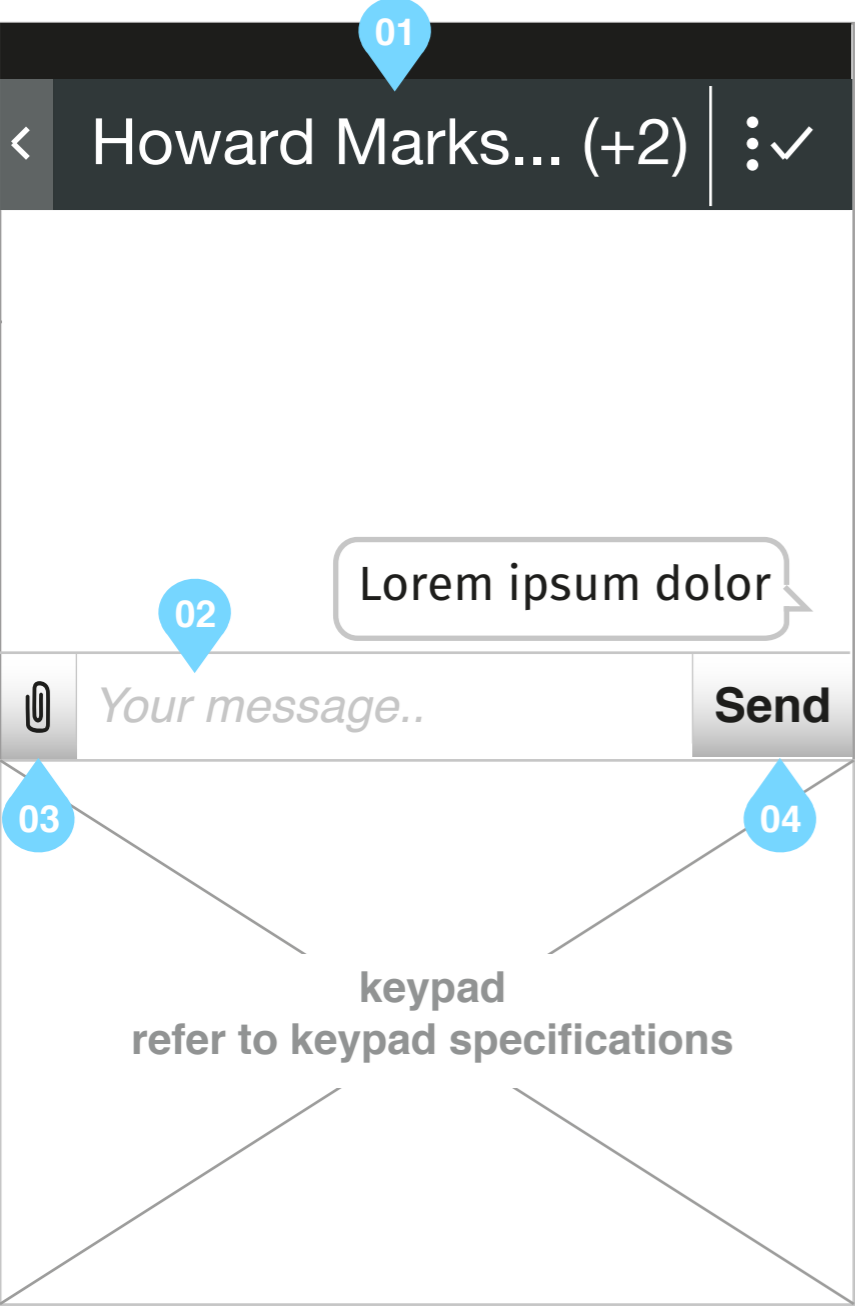
07 new message CTA

upon tap

same behaviour as already implemented in SMS app

SMS/MMS user story specification

Multi-recipient : message thread



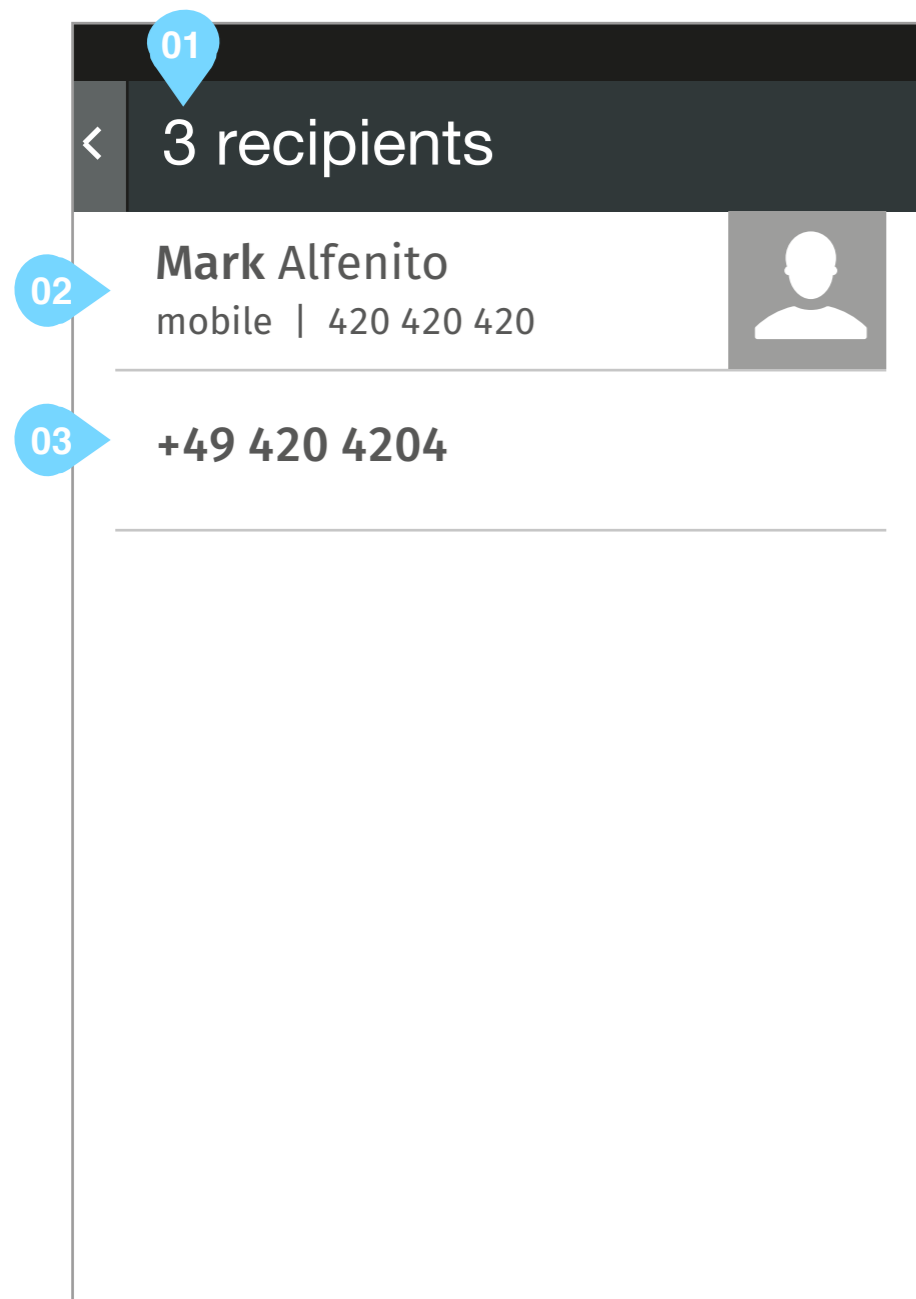
Wireframe illustrating multi-recipient message thread to All functionality as is as current SMS app unless stated

annotation

- 01 Header
upon tap
opens multiple recipient overlay (refer to wireframe 'Multi-recipient : group participants')
- 02 Message text field
- behaviour as defined in 'Multi-recipient : add recipient from contact list, auto suggest or via keyboard' and 'Multi-recipient : user types message first'
- 03 Attach CTA
- behaviour as defined in 'Multi-recipient : new message'
- 04 Send CTA
- behaviour as defined in 'Multi-recipient : new message'

SMS/MMS user story specification

Multi-recipient : group participants



Wireframe illustrating the list of recipients of a group message

annotation

01 Header

- number reflect the number of recipients of the group message

02 Contact that is in the group message and also in the users contact list

Upon Tap

- opens wireframe 'Multi-recipient : phone number already in contact list'.

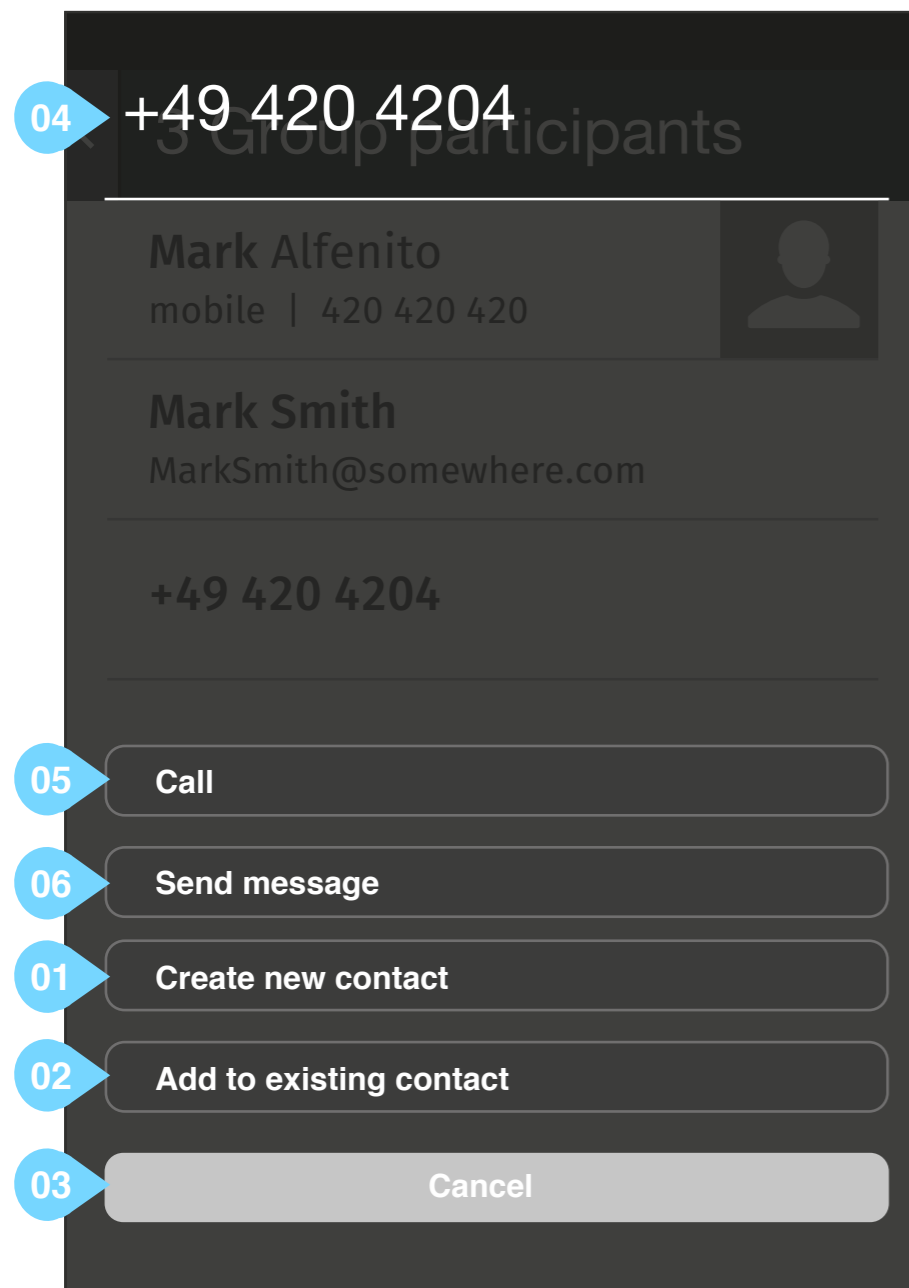
03 Contact that is in the group message but not in the users contact list

Upon Tap

- opens wireframe: 'Multi-recipient : phone number not in constant list'

SMS/MMS user story specification

Multi-recipient : phone number not in contact list



Wireframe illustrating the layer that is presented when a user selects a phone number that is not in their phonebook from the list of recipients of a group message

annotation

01 Create new contact:

Upon Tap

- launches contacts application and opens directly the “new contact” form with the passed e-mail already filled-in in the e-mail section.
- No other field is pre-filled in.
- If user cancels the add operation,
 - he is returned to the SMS thread view screen.
- If user accepts the operation,
 - contact is created and he is returned to the SMS thread view screen.

02 Add to existing contact

(this option should not be available if the address book is empty).

Upon Tap

if the address book does not have content:

- The contacts application is launched in the contact list screen.
- User can select one contact, and then the contact details are opened in the “Edit Mode” where the new e-mail address has been already filled-in.
- If user cancels the add operation
 - he is returned to the SMS thread view screen.
- If user accepts the operation,
 - contact is modified (phone number is added to existing contact) and he is returned to the SMS thread view screen.

if the address book does not have content:

A message is relayed to the user stating ‘Cannot add to contact as your contact list is empty’. Upon dismissing the message the user is returned to ‘(g.1) SMS with Email’. This specification is due to a technical constraint.

03 Cancel the operation:

Upon Tap

- he is returned to the SMS thread view.

04 Out put the selected phone number in the header

05 Call

Upon Tap

- The dialer is launched with the phone number pre-filled in.
- The call is NOT automatically established.
- User has to explicitly allow it by pressing the green (dial) button in the dial pad..

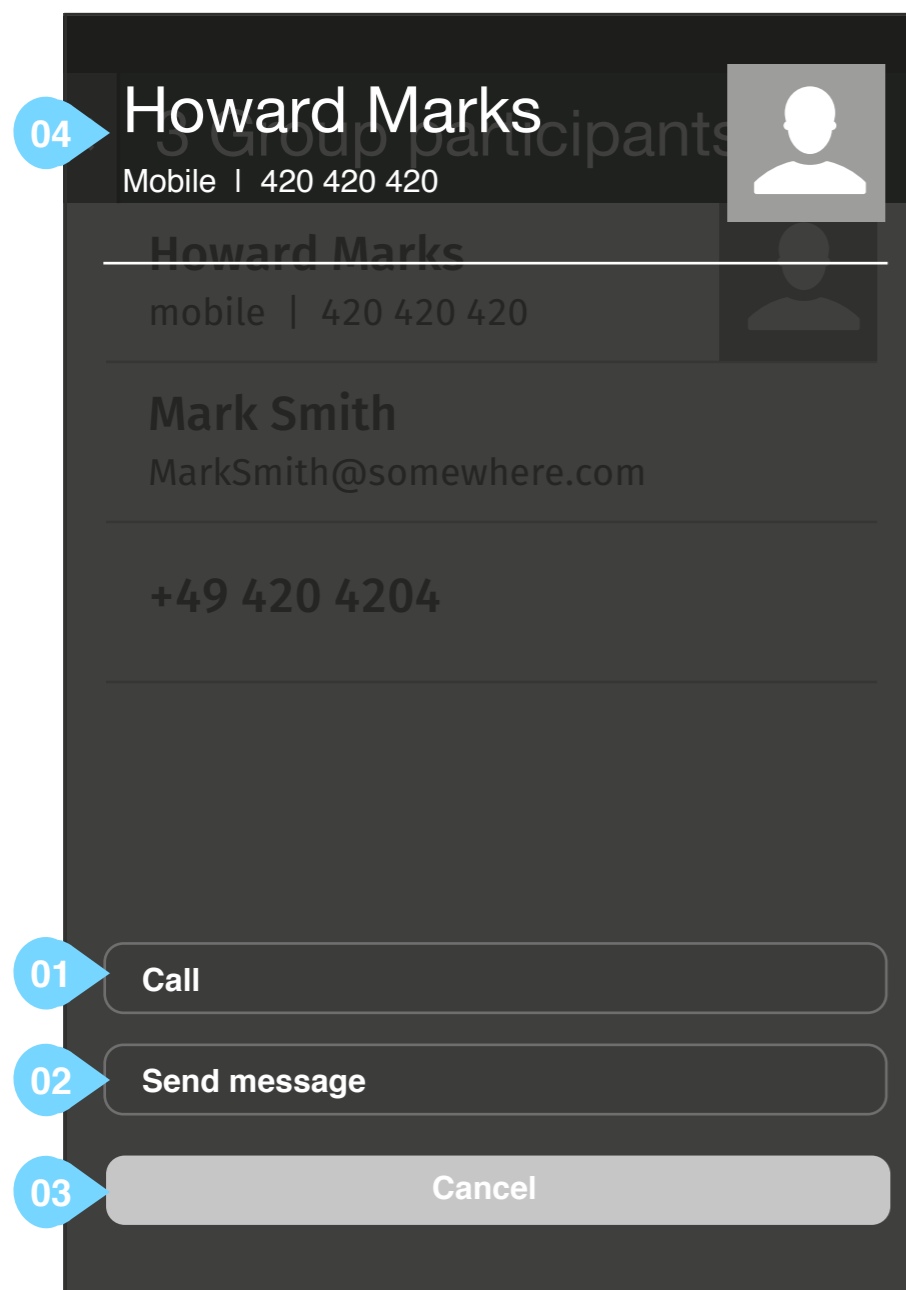
06 Send Message CTA

Upon Tap

- New message thread is launched with the phone number pre-filled in the header.

SMS/MMS user story specification

Multi-recipient : phone number already in contact list



Wireframe illustrating the layer that is presented when a user selects a phone number that is already in their phonebook from the list of recipients of a group message

annotation

01 Call

Upon Tap

- The dialer is launched with the phone number pre-filled in.
- The call is NOT automatically established.
- User has to explicitly allow it by pressing the green (dial) button in the dial pad..

02 Send Message CTA

Upon Tap

- New message thread is launched with the phone number pre-filled in the header.

03 Cancel the operation:

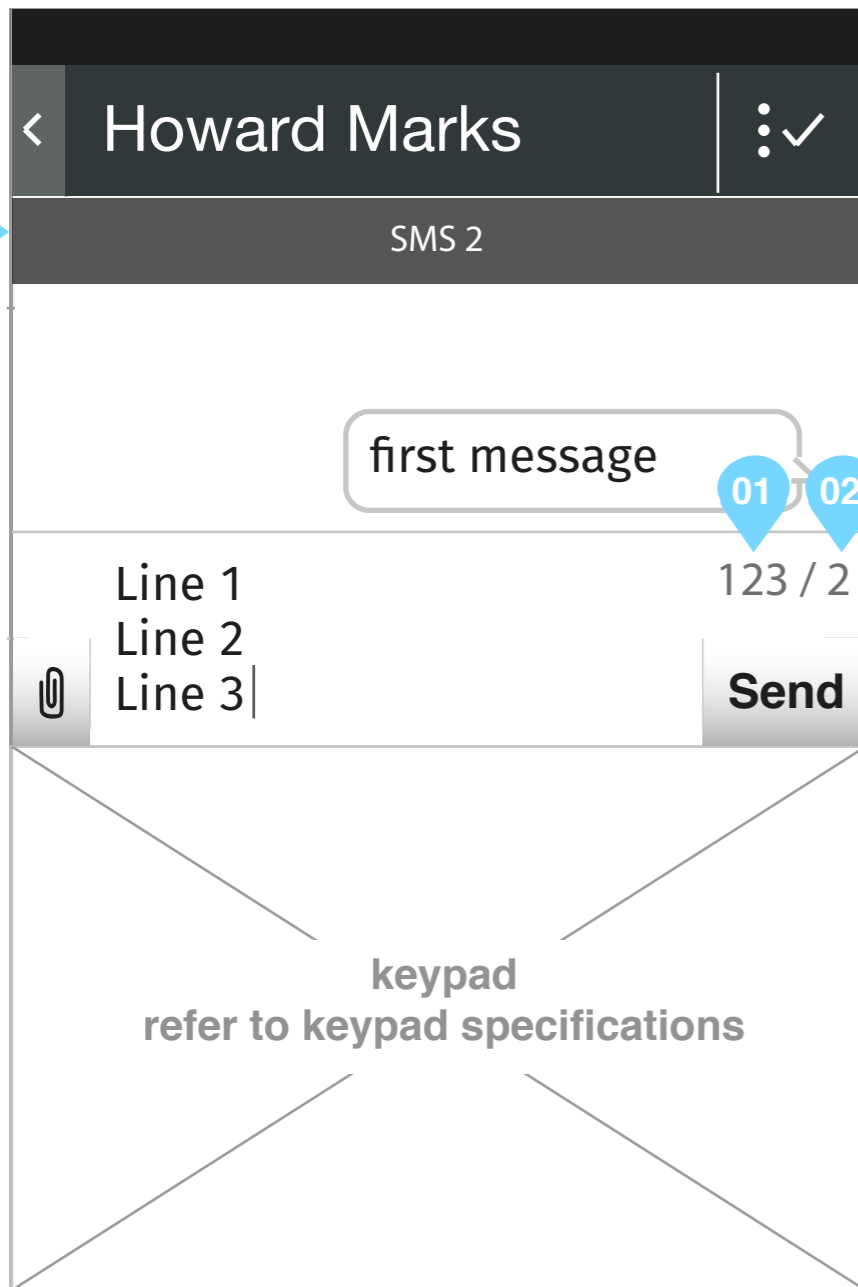
Upon Tap

- he is returned to the SMS thread view.

04 Out put the selected contact information in the header, include image if an image is associated to the contact

SMS/MMS user story specification

Multi-recipient : multiple SMS packets



Wireframe illustrating the message dialogue of the SMS/MMS app handling multiple SMS packets

please note the functionality specification detailed in this wireframe is relevant whether the SMS is sent to multiple recipients or not.

annotation

- 01** number of characters left in SMS packet
 - displayed after the user enters the second SMS packet
 - do not show when MMS is being send. aside from that same functionality as already implemented.
- 02** number of SMS packets that will be sent when SMS is sent
 - displayed after the user enters the second SMS packet, so count will start at 2
 - do not show when MMS is being send. aside from that same functionality as already implemented

at the message text field expande the information in annotation 01 and 02 must remain just above the Send CTA for the following reasons:

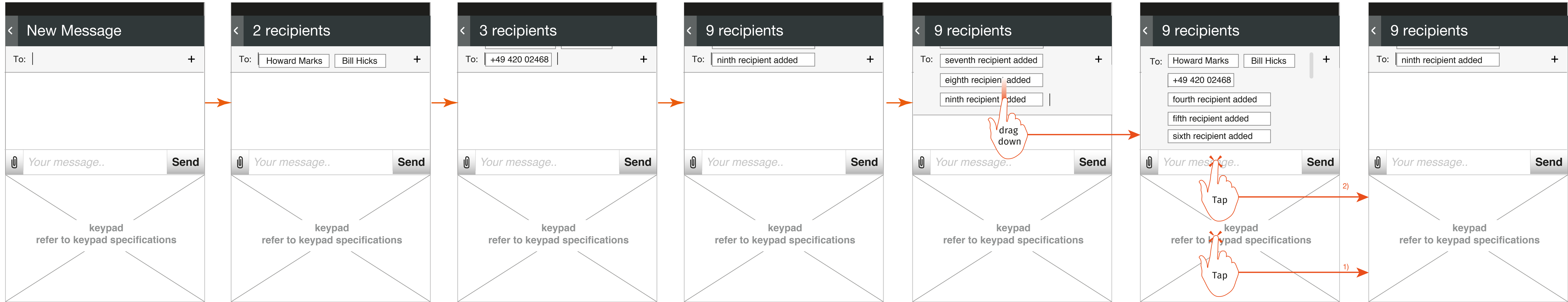
- it is directly related to the send button as the number of SMS to be sent gives the user an indication of cost of message
- it is directly related to the message field as the number of characters left dicatates how much more the user can type
- if it moves up the page it will be covered by the banner outlined in annoation 03 which is also used in other messaging scenarios

- 03** Temporary in App message informing the user that they have started another SMS packet
 - message displayed for 3 seconds when user crosses the boundary between SMS packets.
 - message exists to help orientate the user as to the meaning of the information delivered in annotation 01 and 02

Multi-recipient Flows

SMS/MMS user story specification

Multi-recipient : add recipient from contact list, auto suggest or via keyboard



1. new message dialogue

2. adding recipients from contact list or auto search
recipients are appended in separate modules to the right of an existing recipient...

3. adding recipients from contact list or auto search
...until the recipient string cannot fit in the remaining space on the line. At this point the new recipient is added to the new line below and the content of the 'to' textfield scrolls under the header.

4. adding recipients from contact list or auto search
...upon addition of new lines of recipients the 'to' field, the 'to' field continues to scroll under the header.

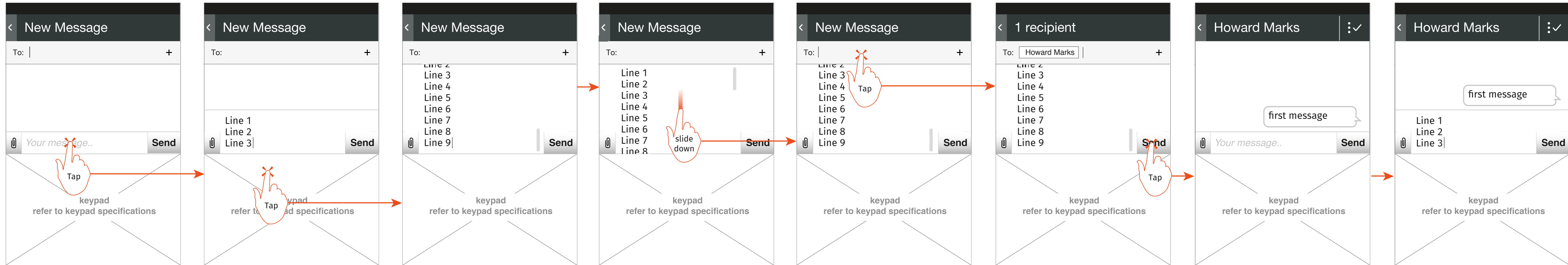
5. Viewing content of the 'to' field
user can view content of the 'to' field by dragging down on it.

6. Viewing content of the 'to' field
...the 'to' text field will expand downwards until its bottom edge is level with the top edge of the send button. At this point it will scroll within its own area.

7. Closing the to field
The 'to' field is closed by the user:
1) typing on the keyboard when the focus is still on the 'to' field
2) tapping on the 'your message' textfield and so changing focus to the 'your message field'

SMS/MMS user story specification

Multi-recipient : user types message first



1. change focus to message pane
user changes focus to the message pane by tapping on it

2. Type message
user types message using keyboard
If the message is more than one line the message text field expands vertically upwards to accommodate the new lines of text

3. Long message
If the message length causes the message text field to expand further than the 'to' field the message box flows under the 'to' field.

4. Viewing beginning of long message
The user can access parts of their message that are underneath the 'to' field again by dragging the message text field downwards.
The textfield will scroll until either the first line of text or the top edge of attached content is visible.

5. Change focus to 'to' field
user changes focus to the 'to' pane by tapping on it

6. Add recipients and send
For behaviour of 'to' field refer to 'Multi-recipient : add recipient from contact list, auto suggest or via keyboard'

7. message tread created

8. write message over one line to tread
as the message textfield expands vertically it pushes the existing message thread up the screen

Phone number, Email address, URL in message

Flow

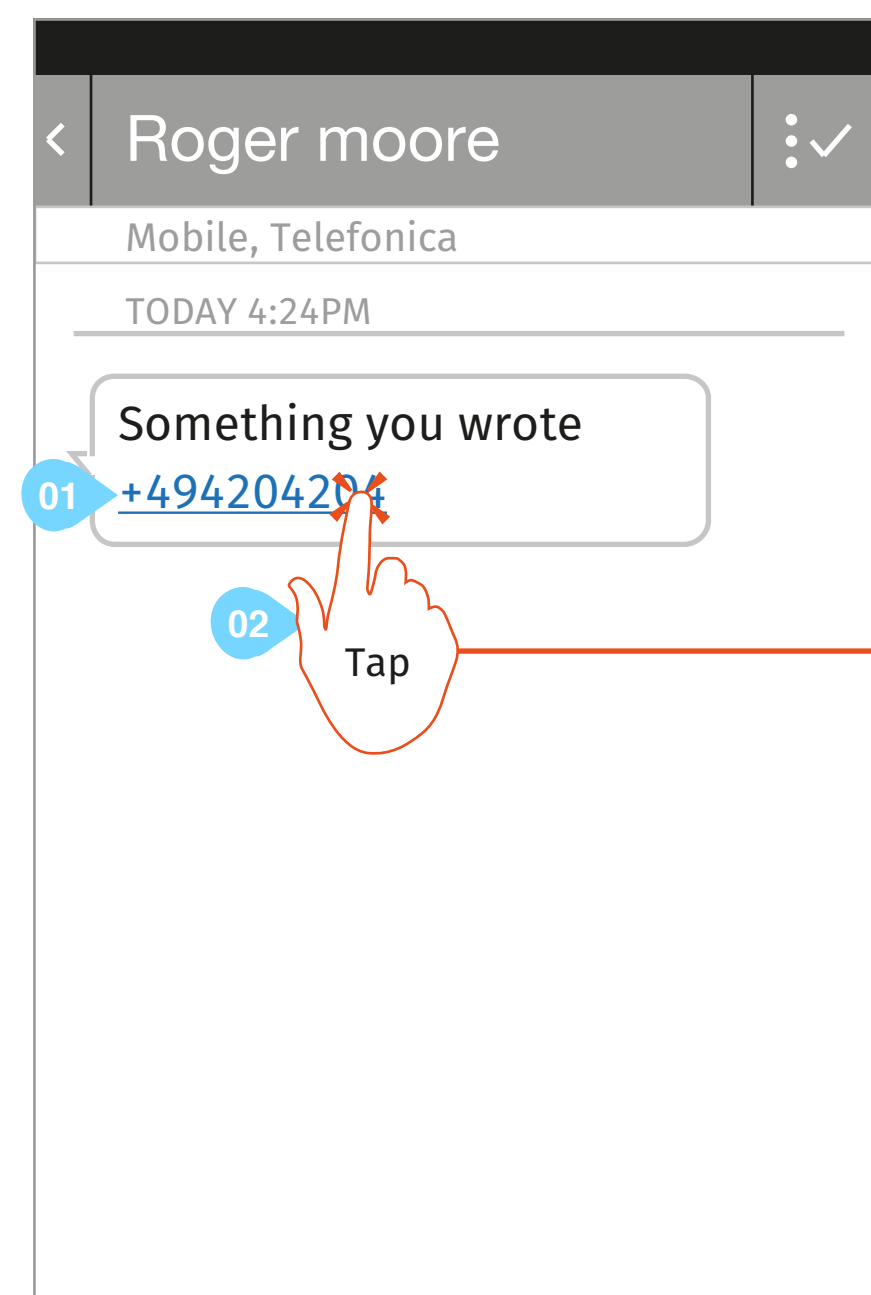
The following pages address the following bugs in Bugzilla:

https://bugzilla.mozilla.org/show_bug.cgi?id=838000
https://bugzilla.mozilla.org/show_bug.cgi?id=838002
https://bugzilla.mozilla.org/show_bug.cgi?id=838003
https://bugzilla.mozilla.org/show_bug.cgi?id=838004
https://bugzilla.mozilla.org/show_bug.cgi?id=838005

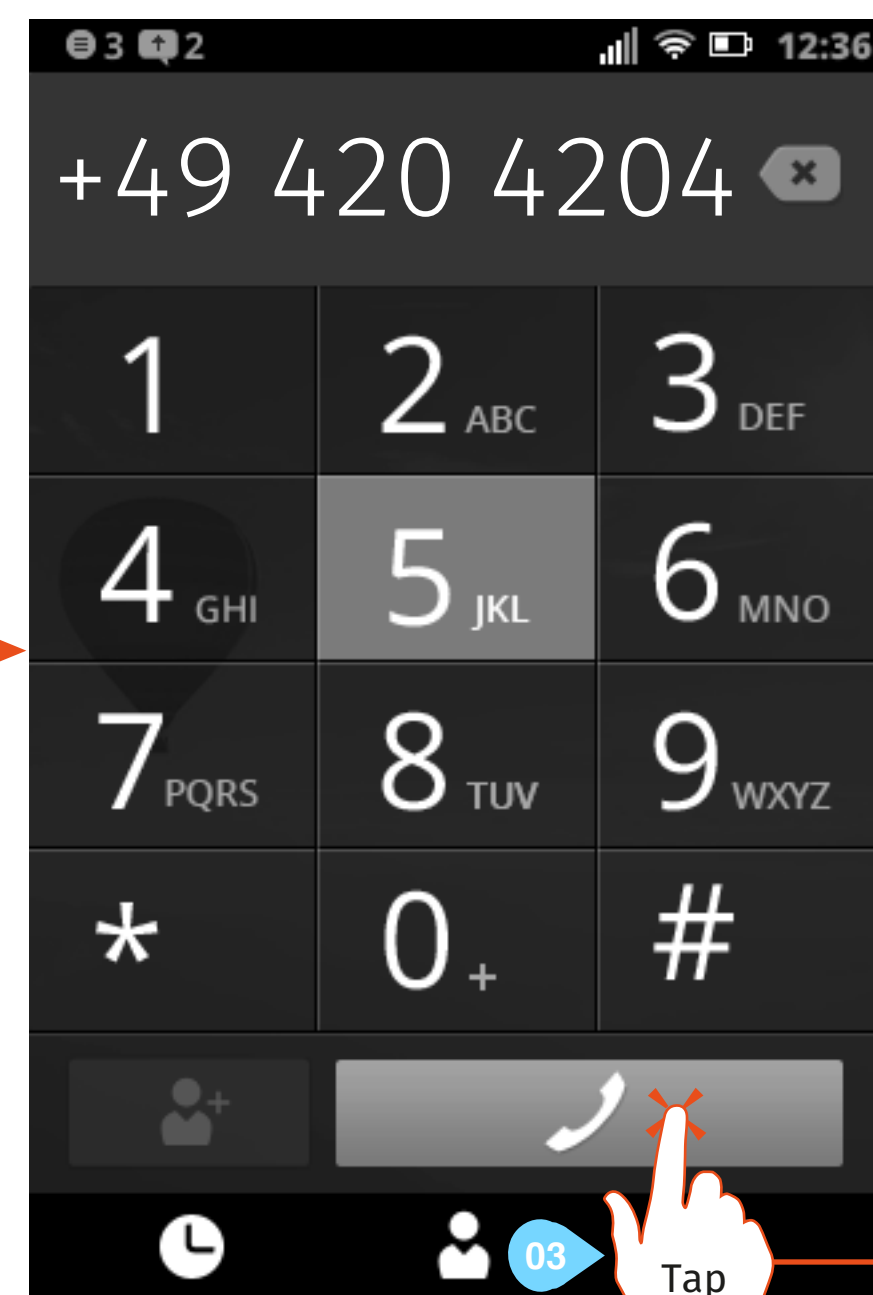
SMS / MMS user story specifications

Phone number in message

a) Tap



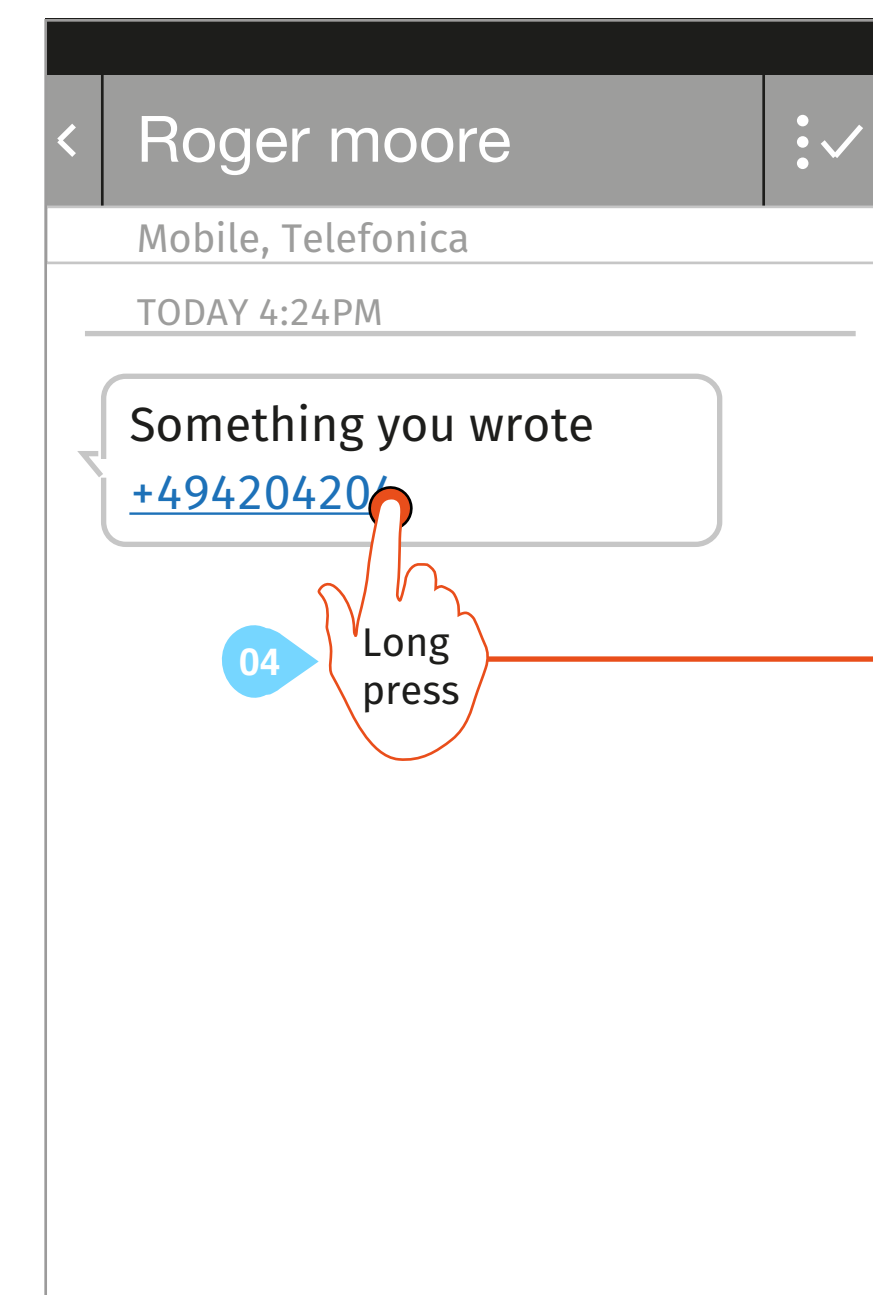
a.1) SMS with phone number



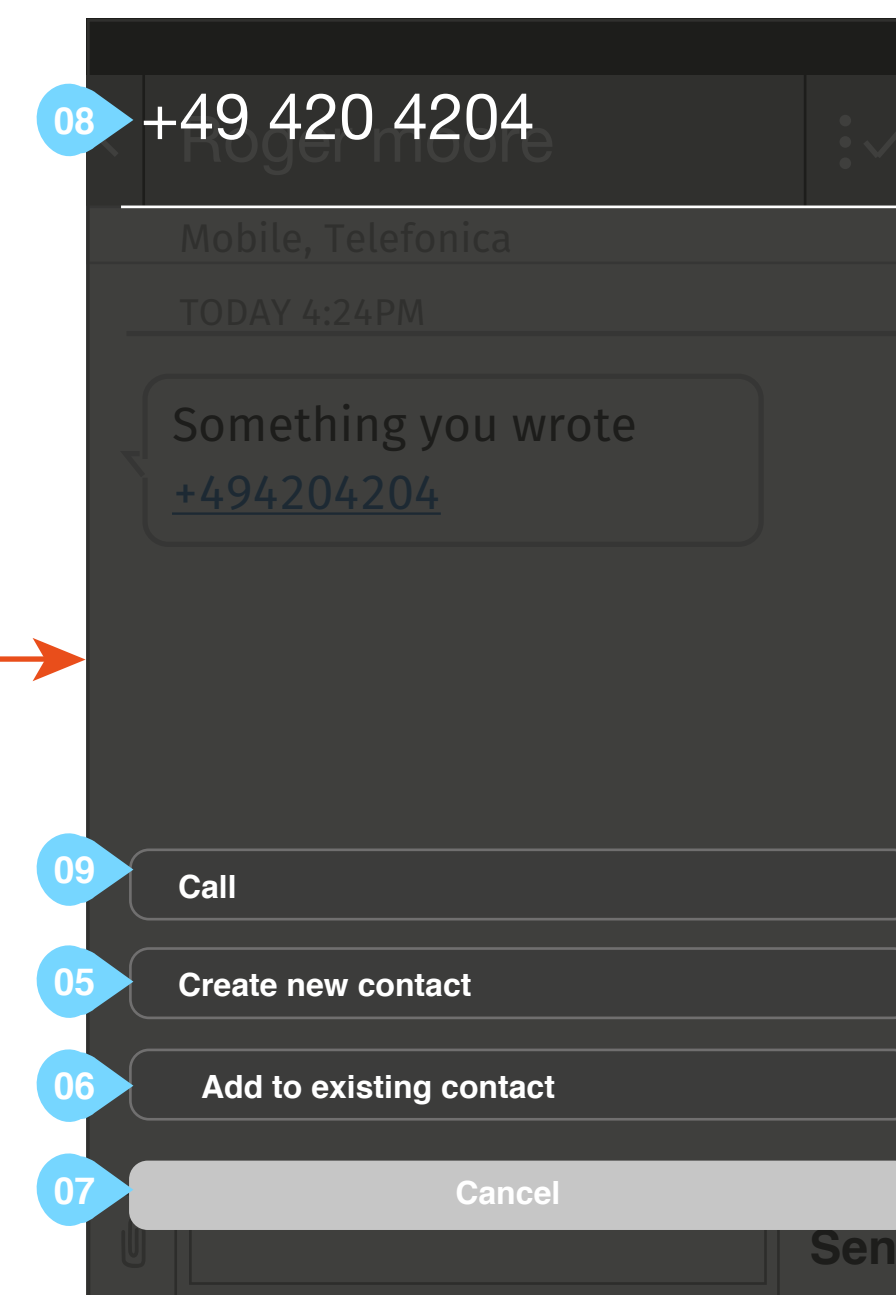
a.2) Dialer with selected number pre-filled

Number dialed

b) Long Press



b.1) SMS with phone number



b.2) Phone number long press options

User Story: Dialer invocation from message

https://bugzilla.mozilla.org/show_bug.cgi?id=838000

"As a user, I want the ability to directly dial a phone number included in an SMS so that I don't need to remember the number to manually enter it into the Dialer."

Acceptance Criteria:

- 01 In the SMS thread view, a potential phone number is shown visually in a different way than the rest of the content of the SMS so the user can easily identify it.
- 02 When the user clicks on the phone number, the dialer is launched with the phone number pre-filled in. The call is not automatically established;
- 03 User has to explicitly allow it by pressing the green (dial) button in the dial pad.
- 04 If user long-press on the phone number, he is prompted about the action he would like to perform:

05 Create new contact:
upon tap
launches contacts application and opens directly the "new contact" form with the passed number already filled-in in the phone number section. No other field is pre-filled in. If user cancels the add operation, he is returned to the SMS thread detail screen. If user accepts the operation, contact is created and he is returned to the SMS thread detail screen.

06 Add to existing contact
upon tap
if the address book has content:
The contacts application is launched in the contact list screen. User can select one contact, and then the contact details are opened in the "Edit Mode" where the new phone number has been already filled-in. If user cancels the add operation, he is returned to the SMS thread detail screen. If user accepts the operation, contact is modified (phone number is added to existing contact) and he is returned to the SMS thread detail screen.
if the address book does not have content:
A message is relayed to the user stating 'Cannot add to contact as your contact list is empty'. Upon dismissing the message the user is returned to '(b.2) phone number long press options'. This specification is due to a technical constraint.

07 Cancel the operation:
upon tap
User is returned to the SMS thread view (b.1).

08 Out put the selected phone number in the header

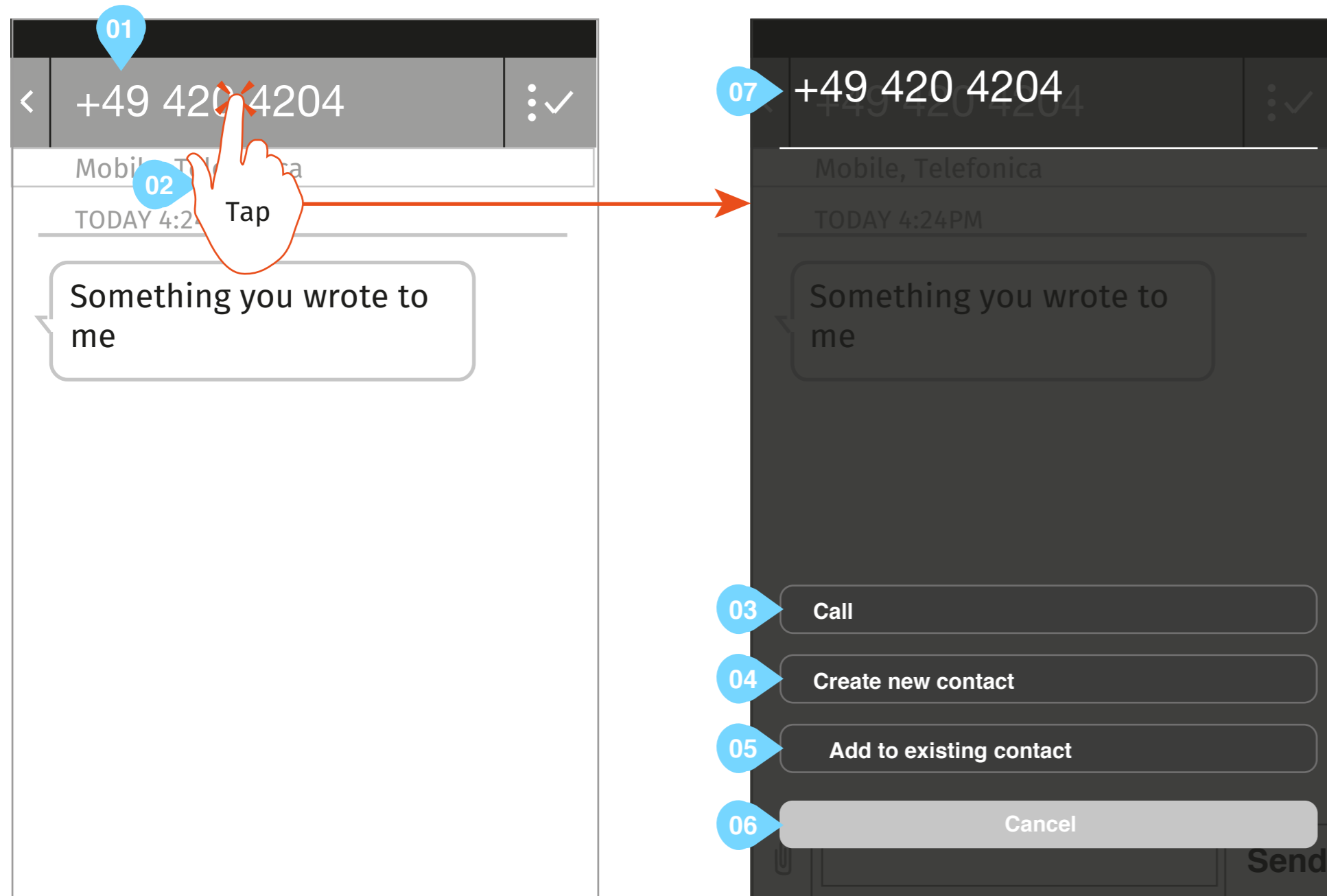
09 Call CTA
upon tap
The dialer is launched with the phone number pre-filled in, the call is automatically established.

Note

- The functionality outlined above is not enabled when the SMS thread view is in the "Edit Mode".
- The functionality is the same for both send and received messages
- (reference comment 41 in bug 838000) It is the link that is selectable, not the message itself. This allows multiple links that are contained within a messages to be individually selected

SMS / MMS user story specifications

Received from a number not in the contact list



c.1) SMS with phone number

c.2) Phone number not in contact list options

User Story: Add phone number contact from message

https://bugzilla.mozilla.org/show_bug.cgi?id=838002

“As a user, I want the ability to add a phone number to a new or existing contact from a message so that I don't need to remember the number to manually enter it into my Contacts.”

Acceptance Criteria:

01 In the SMS application, in a thread view where the other party is a number not included in my address book, the number is shown in the header.

Upon tap

02 The user is prompted about the action he would like to perform:

03 Call

Upon Tap

- The dialer is launched with the phone number pre-filled in.
- The call is NOT automatically established.
- User has to explicitly allow it by pressing the green (dial) button in the dial pad..

04 Create new contact:

Upon Tap

- launches contacts application and opens directly the “new contact” form with the passed number already filled-in in the phone number section.
- No other field is pre-filled in.
- If user cancels the add operation:
 - he is returned to the SMS thread view screen (1.a).
- If user accepts the operation:
 - contact is created and he is returned to the SMS thread view screen where the header is updated according to the added contact.

05 Add to existing contact

Upon Tap

- if the address book has content:
 - The contacts application is launched in the contact list screen.
 - User can select one contact, and then the contact details are opened in the “Edit Mode” where the new phone number has been already filled-in.
 - If user cancels the add operation:
 - he is returned to the SMS thread view screen.
 - If user accepts the operation:
 - contact is modified (phone number is added to existing contact) and he is returned to the SMS thread view screen, where the header is updated according to the modified contact.
- if the address book does not have content:

A message is relayed to the user stating ‘Cannot add to contact as your contact list is empty’. Upon dismissing the message the user is returned to ‘(c.1) SMS with Phone number’. This specification is due to a technical constraint.

06 Cancel the operation

Upon Tap

The user is returned to the SMS thread view.

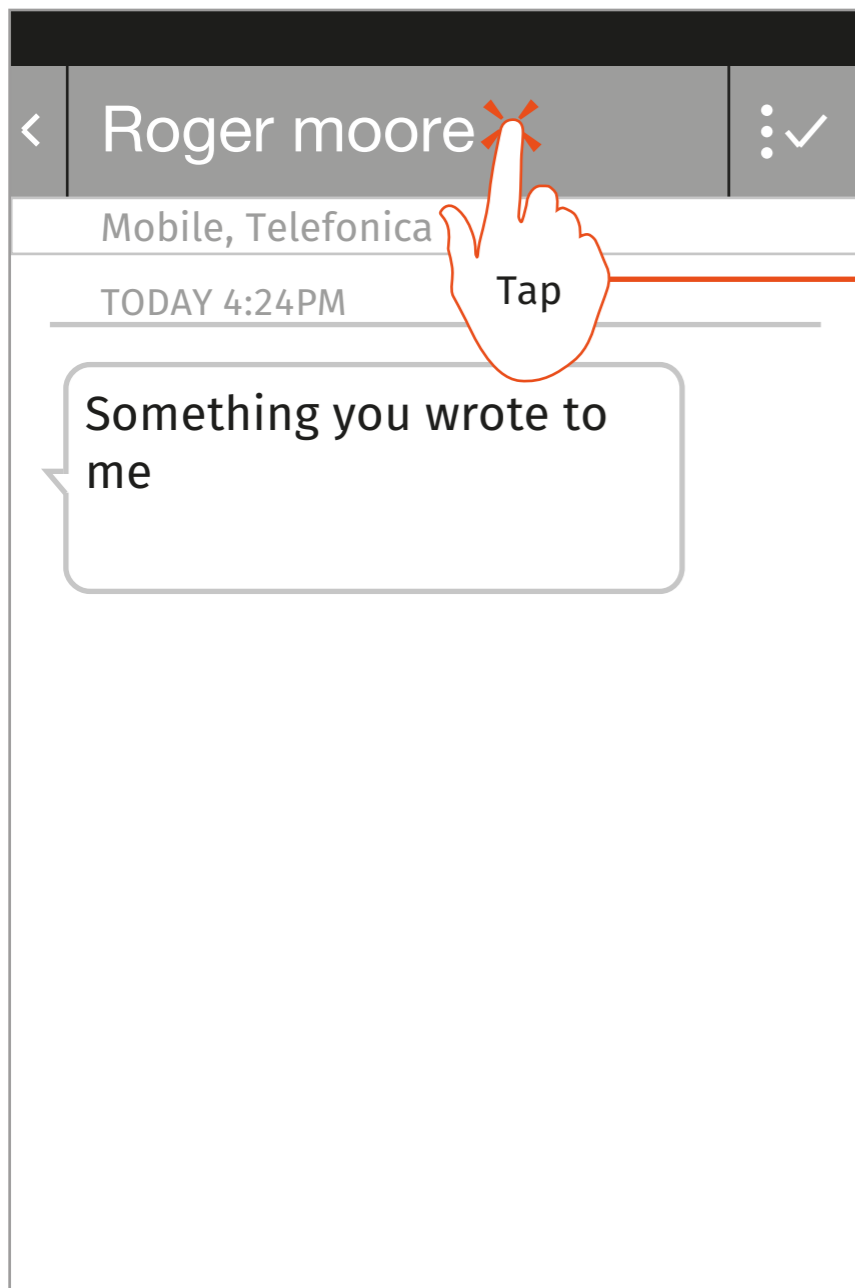
09 Out put the phone number in the header

Note

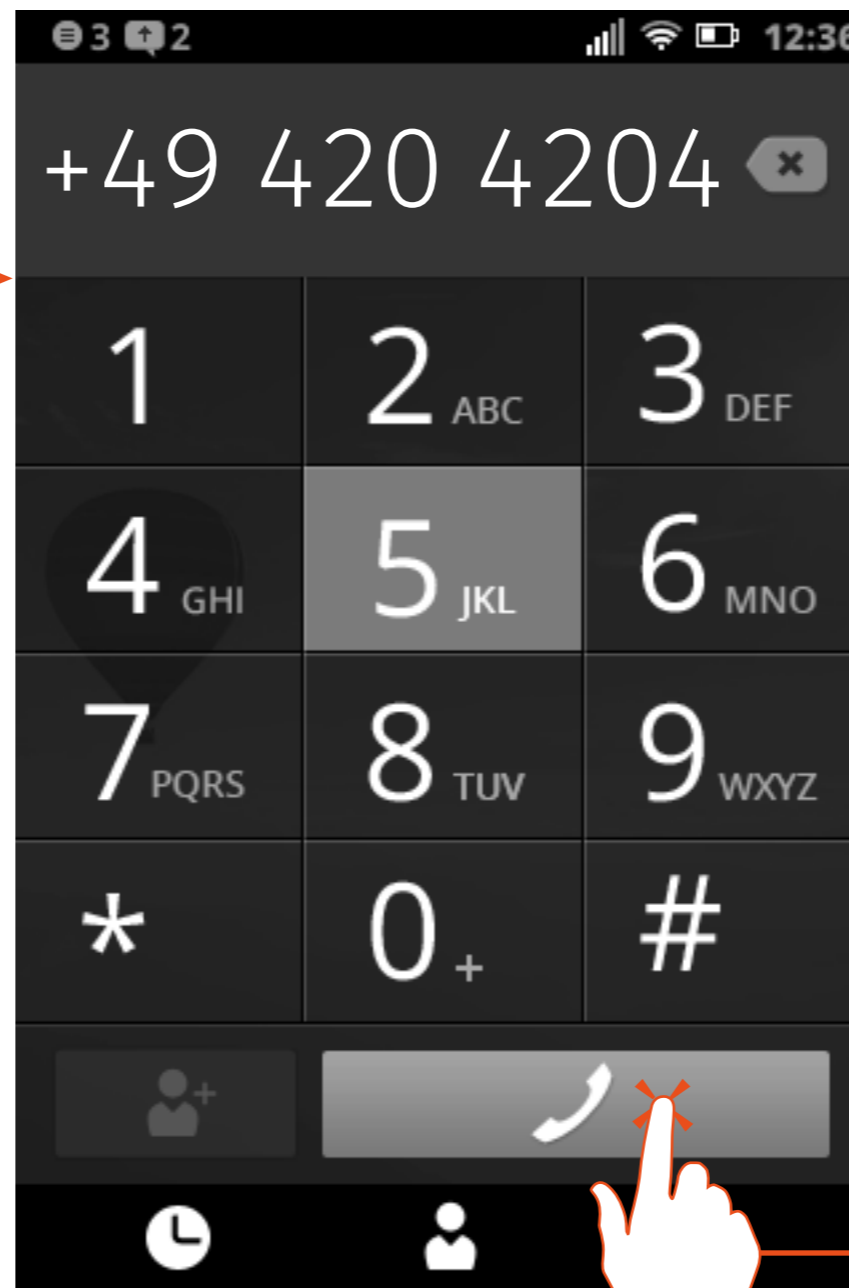
The functionality outlined above is not enabled when the SMS thread view is in the “Edit Mode”.

SMS / MMS user story specifications

Received from a number in the contact list



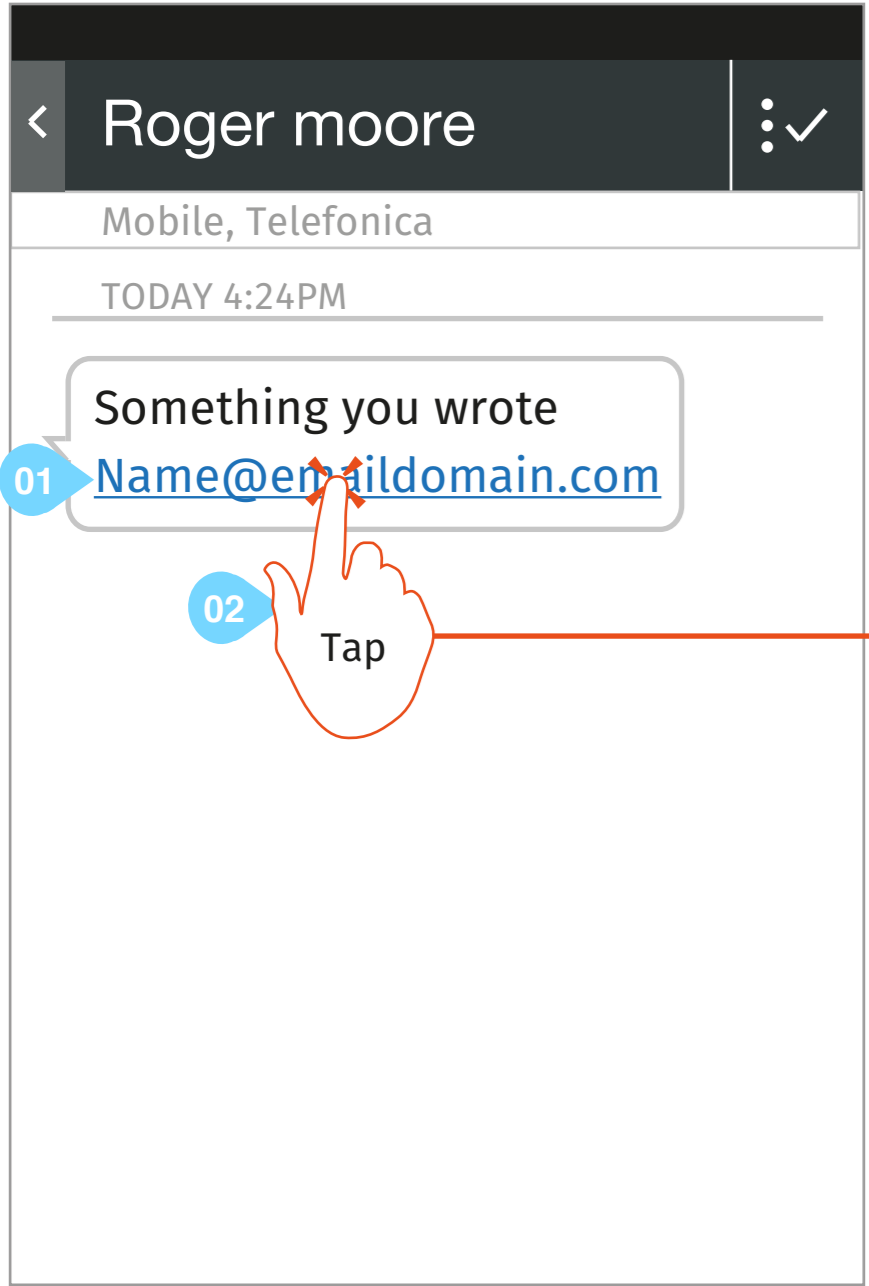
h.1) SMS with URL



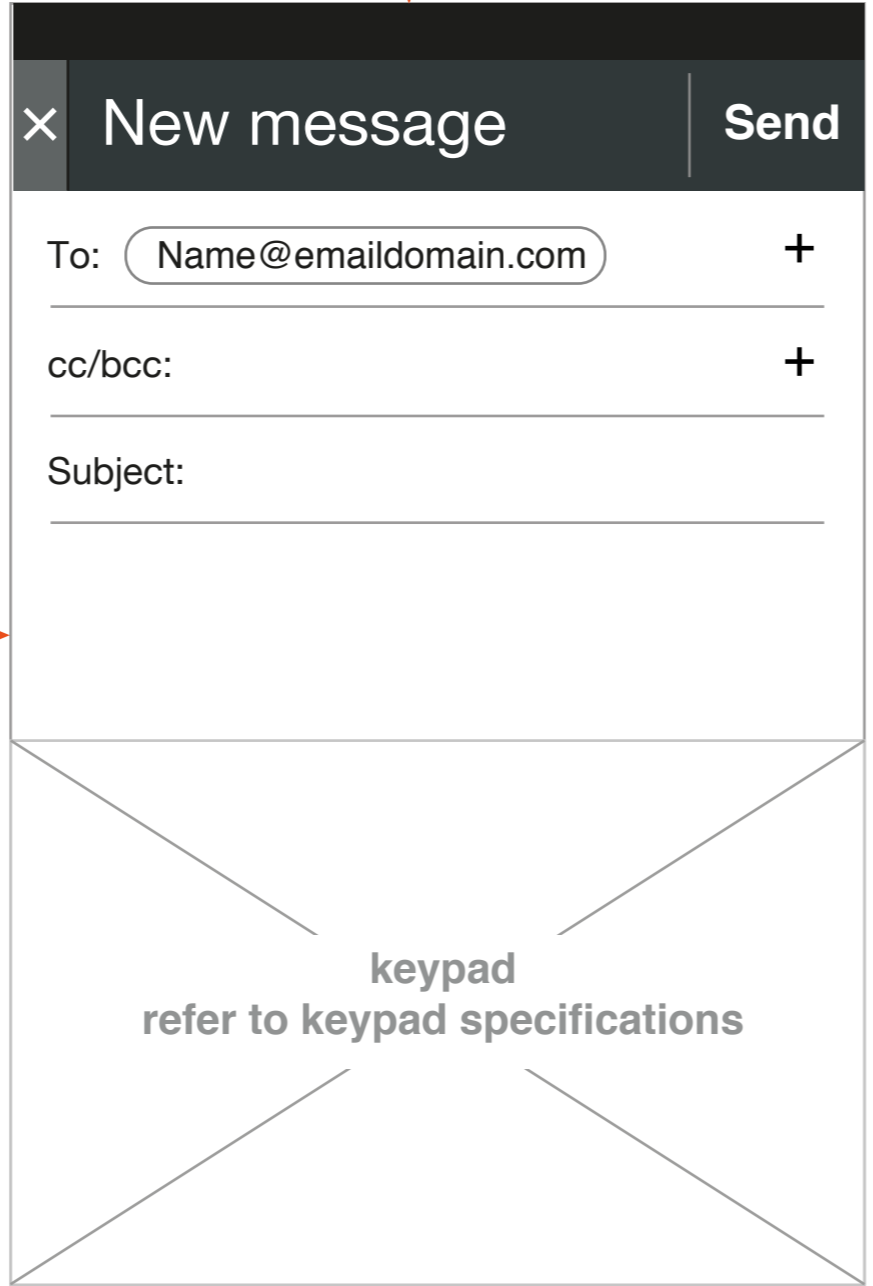
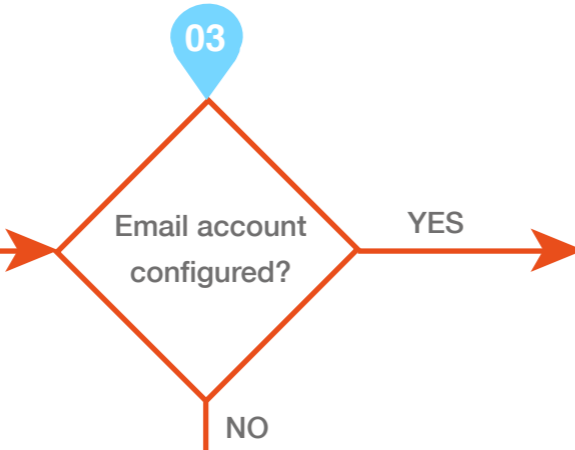
h.2) Dialer with contact's number pre-filled

SMS / MMS user story specifications

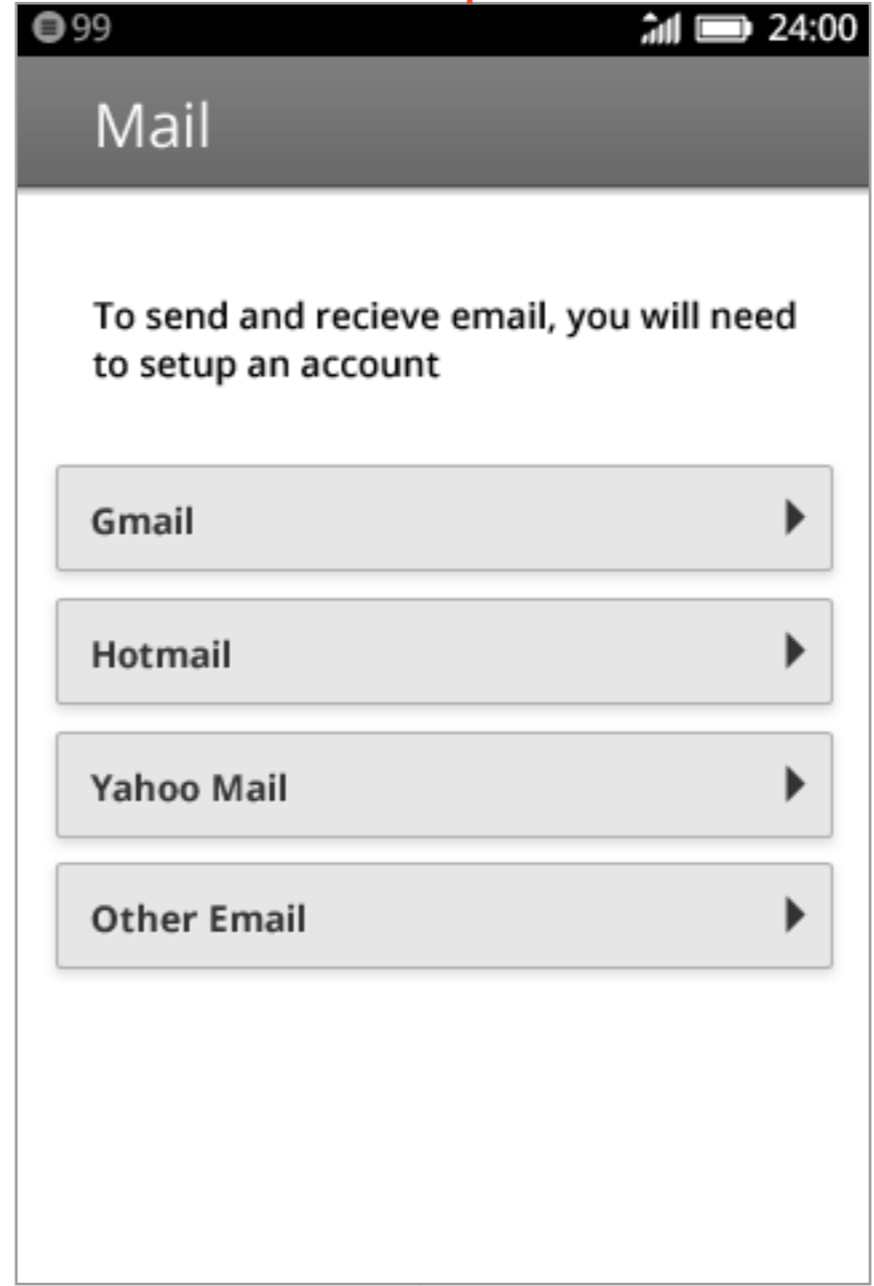
Email address in message



d.1) SMS with email



d.2) Email composer with selected email address prefilled in To field



User Story: Email invocation from message
https://bugzilla.mozilla.org/show_bug.cgi?id=838003

“As a user, I want the ability to launch the Email application from an email address in a message, with the recipient precomposed so that I don't need to remember the email address to manually enter it into the Email application.”

Acceptance Criteria:

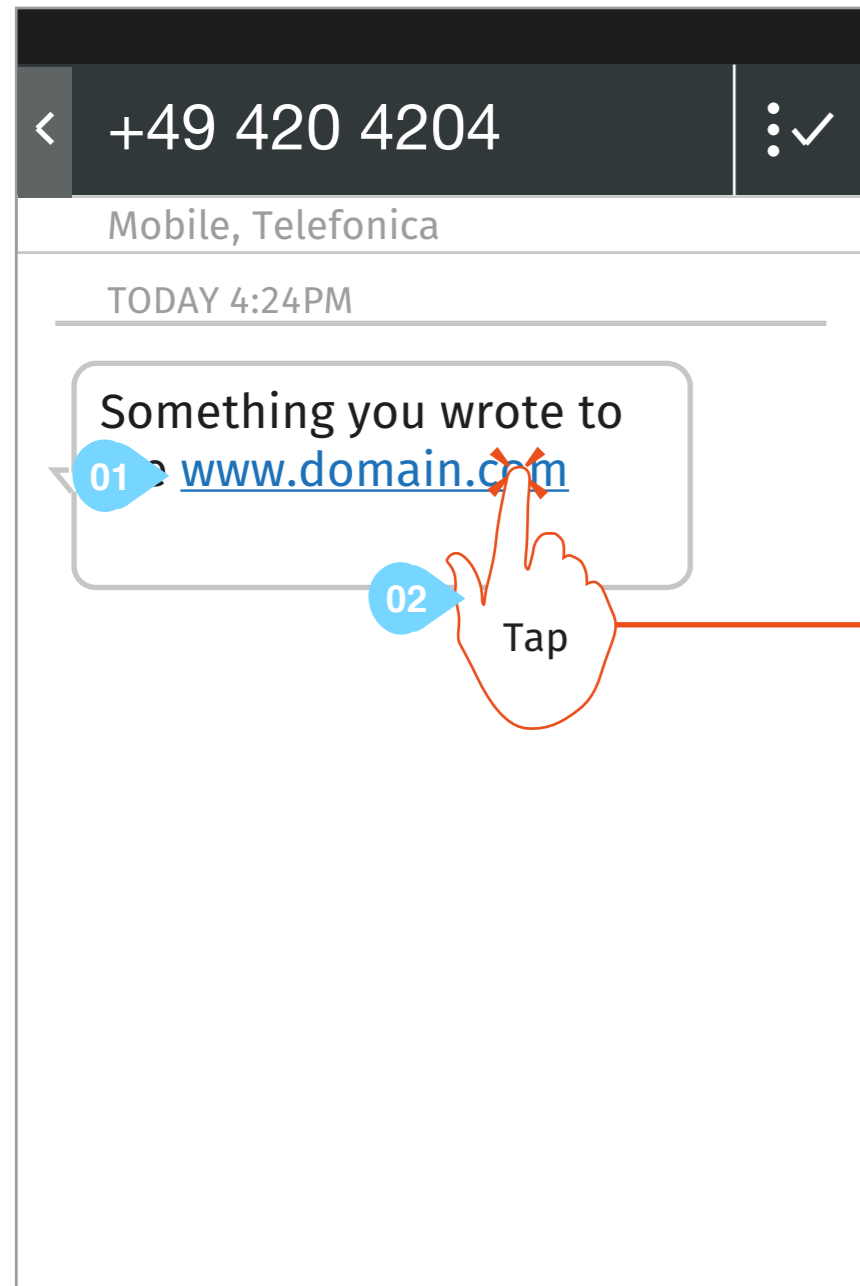
- 01 In the SMS application, in the thread view, valid e-mail addresses will be highlighted or shown with a special visual indication.
 - A valid e-mail address will be determined by using a regular expression (e.g. `\b[A-Z0-9._%]+@[A-Z0-9.-]+\.[AZ]{2,4}\b`).
- 02 When user clicks on an e-mail address, the e-mail composer will be launched with the “To” field pre-filled in with the selected e-mail address.
 - After sending or discarding the e-mail message, the user is returned to the SMS thread view.
- 03 In case no e-mail account is configured, the option to configure an e-mail account is offered instead, in that case if user creates the e-mail account successfully, the prefilled e-mail is shown to the user.

Note

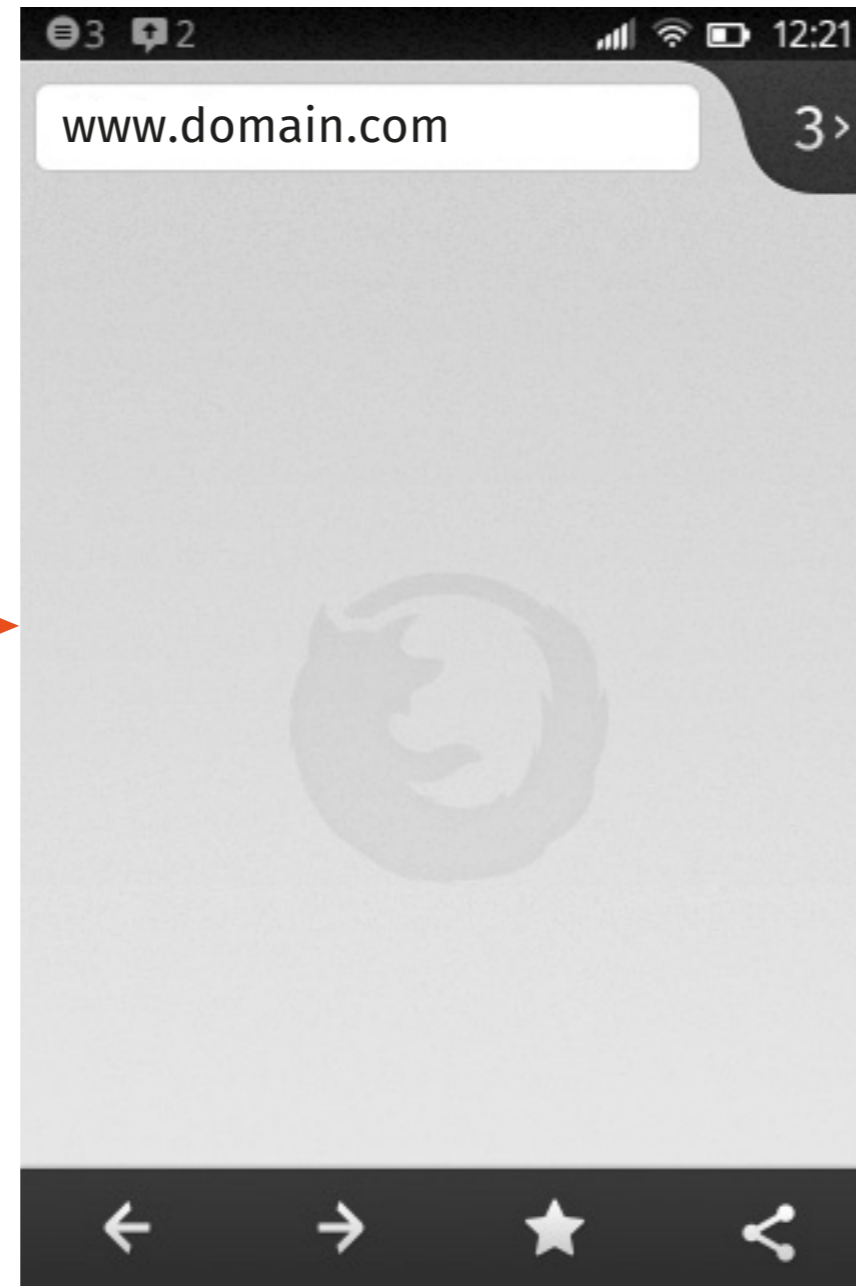
- The functionality outlined above is not enabled when the SMS thread view is in the “Edit Mode”.
- The functionality is the same for both send and received messages
- It is the link that is selectable, not the message itself. This allows multiple links that are contained within a messages to be individually selected

SMS / MMS user story specifications

URL in message



e.1) SMS with URL



e.2) Browser with selected URL

User Story: Browser invocation from message

https://bugzilla.mozilla.org/show_bug.cgi?id=838005

“As a user, I want the ability to launch the browser using a url in a message so that I don't need to remember the url to manually enter it into the Browser application.”

Acceptance Criteria:

01 In the SMS application, in the thread view, when a URL is contained in the SMS, there will be a visual indication (e.g. different font colour, style, etc...) to show the user that there is a URL in the message.

- URLs are detected by using a Regular Expression to determine whether a string is a valid URL or not:

```
/(^\\s|,;)[-\\w:%\\+\\.~#?&//=]{2,256}\\.[a-z]{2,6}(?:\\V[-\\w:%\\+\\.~#?&//=]*)?/mg,
```

Upon tap

02 The browser is opened with a new tab in which the URL is the one contained in the message.

Note

- The functionality outlined above is not enabled when the SMS thread view is in the “Edit Mode”.
- The functionality is the same for both send and received messages
- (reference comment 10 in bug 838005) It is the link that is selectable, not the message itself. This allows multiple links that are contained within a messages to be individually selected

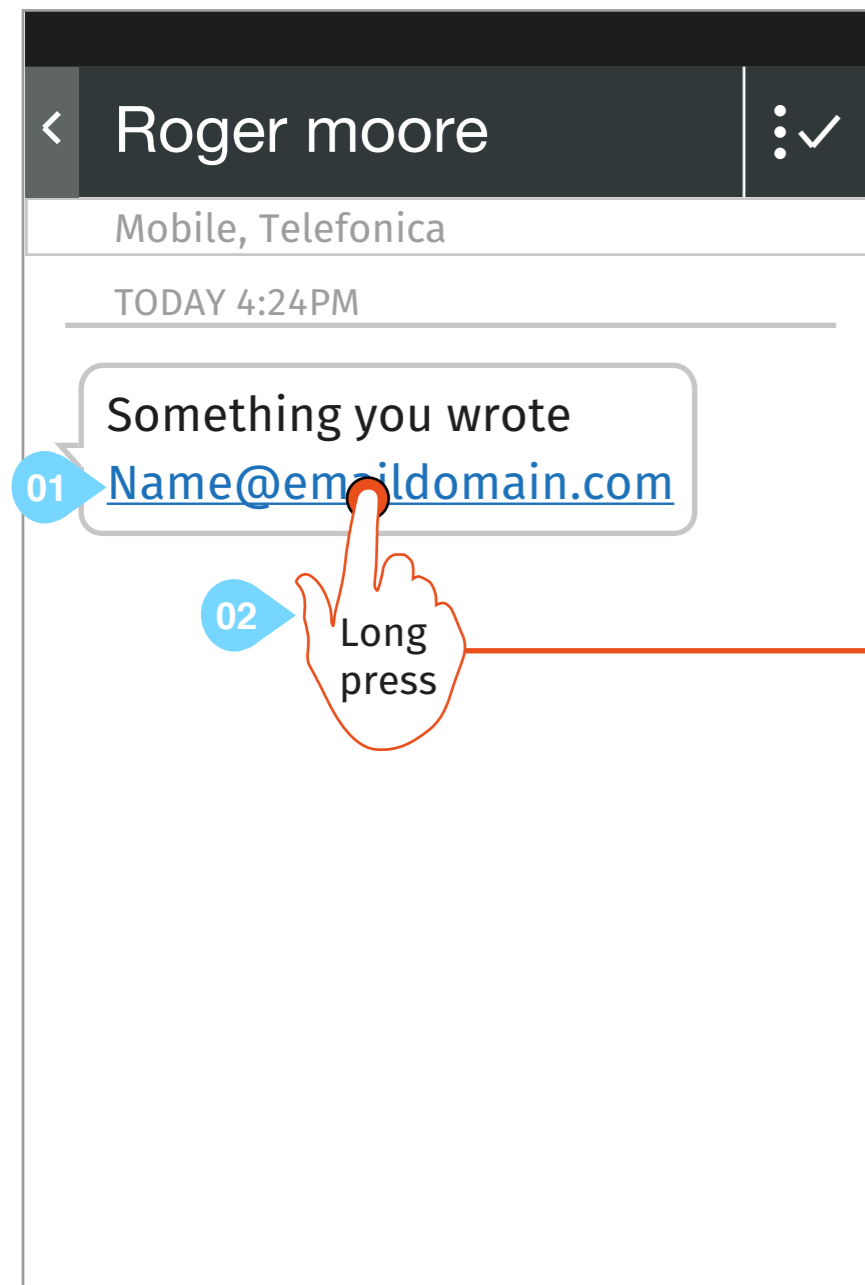
SMS / MMS user story specifications

Add email address from message

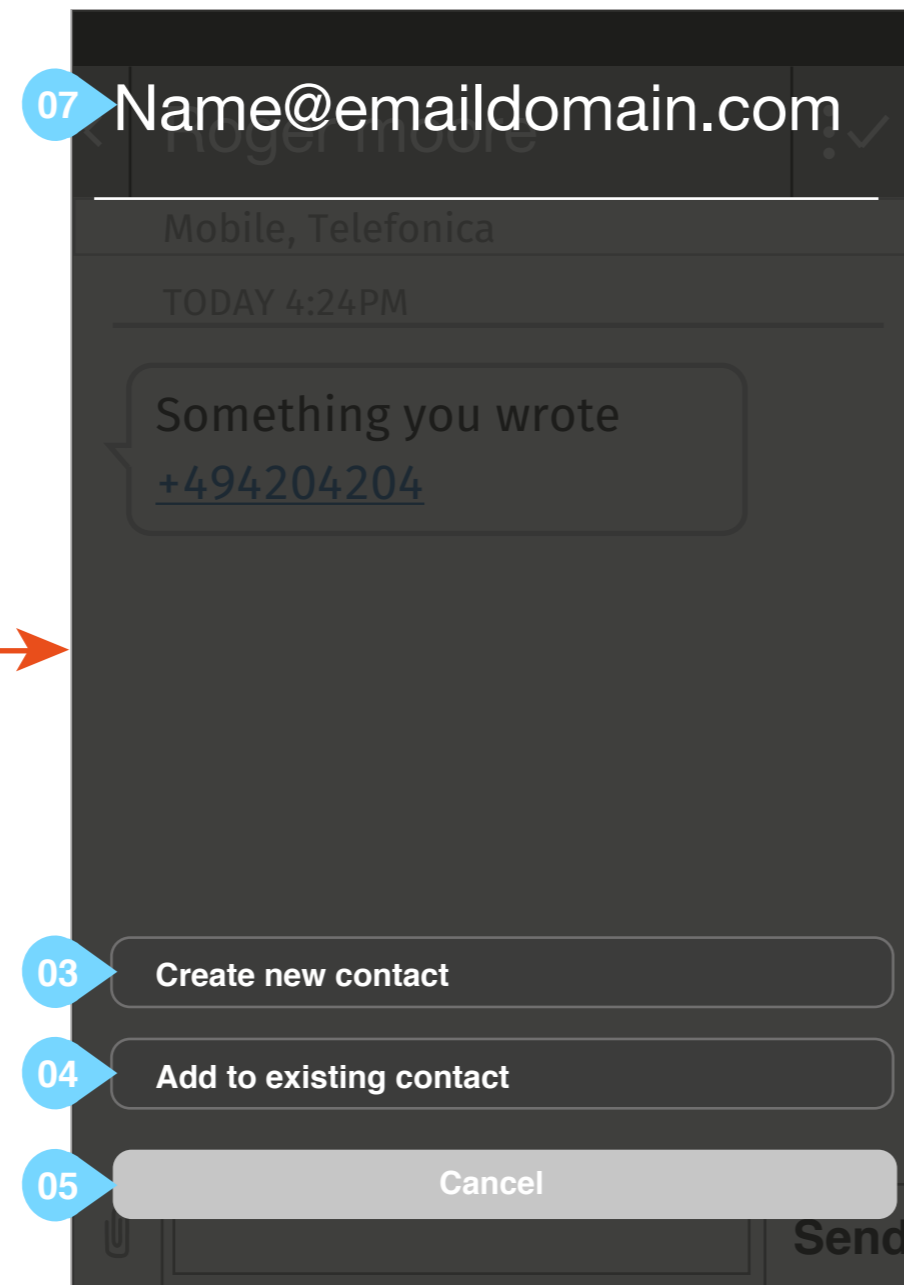
User Story: Add email contact from message

https://bugzilla.mozilla.org/show_bug.cgi?id=838004

“As a user, I want the ability to add an email address to a new or existing contact from an email address in a message, so that I don't need to remember the email address to manually enter it into my Contacts.”



g.1) SMS with email



g.2) Email long press options

Acceptance Criteria:

01 In the SMS application, in the thread view, valid e-mail addresses will be highlighted or shown with a special visual indication. A valid e-mail address will be determined by using a regular expression (e.g. `\b[A-Z0-9._%~+@[A-Z0-9.-]+\.[AZ]{2,4}\b`).

02 When user long-taps on e-mail address, he is prompted to select one of the following options:

03 Create new contact:

Upon Tap

- launches contacts application and opens directly the “new contact” form with the passed e-mail already filled-in in the e-mail section.
- No other field is pre-filled in.
- If user cancels the add operation,
 - he is returned to the SMS thread view screen.
- If user accepts the operation,
 - contact is created and he is returned to the SMS thread view screen.

04 Add to existing contact

(this option should not be available if the address book is empty).

Upon Tap

if the address book does not have content:

- The contacts application is launched in the contact list screen.
- User can select one contact, and then the contact details are opened in the “Edit Mode” where the new e-mail address has been already filled-in.
- If user cancels the add operation
 - he is returned to the SMS thread view screen.
- If user accepts the operation,
 - contact is modified (phone number is added to existing contact) and he is returned to the SMS thread view screen.

if the address book does not have content:

A message is relayed to the user stating ‘Cannot add to contact as your contact list is empty’. Upon dismissing the message the user is returned to (g.1) SMS with Email’. This specification is due to a technical constraint.

06 Cancel the operation:

Upon Tap

- he is returned to the SMS thread view.

07 Out put the selected email address in the header

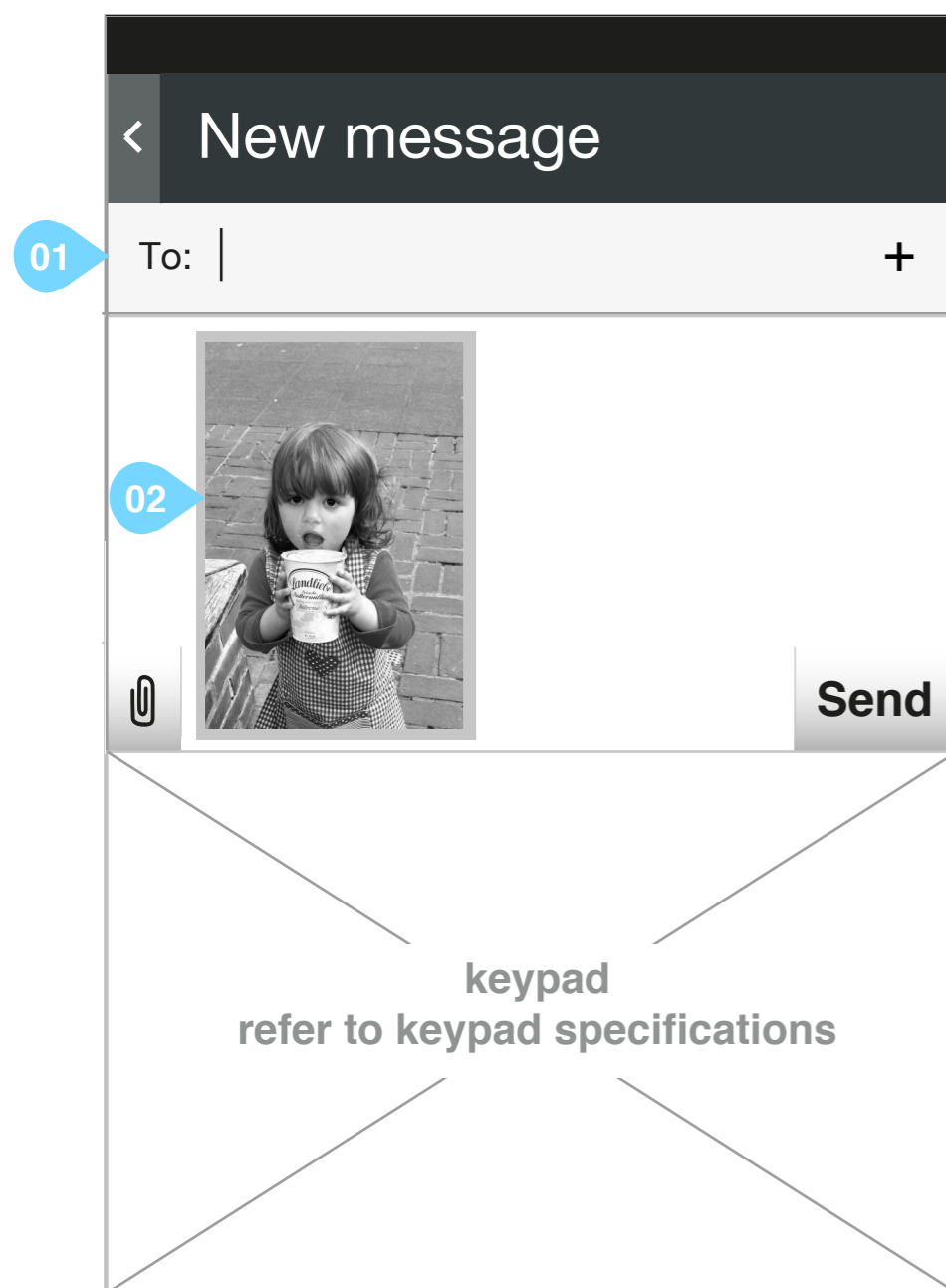
Note

- The functionality outlined above is not enabled when the SMS thread view is in the “Edit Mode”.
- The functionality is the same for both send and received messages
- (reference comment 10 in bug 838004) It is the link that is selectable, not the message itself. This allows multiple links that are contained within a messages to be individually selected

MMS

SMS/MMS user story specification

MMS : File successfully added to MMS with empty 'to' field



Wireframe illustrating the compose message screen with focus on the 'to' field. Scenario would be generated if user attached media before adding recipient to the 'to' field

annotation

01 focus on the to field

02 added file

upon tap

- file is opened in activity view so that user can preview the attachment. This dialogue is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

upon long press

- if content is image or video

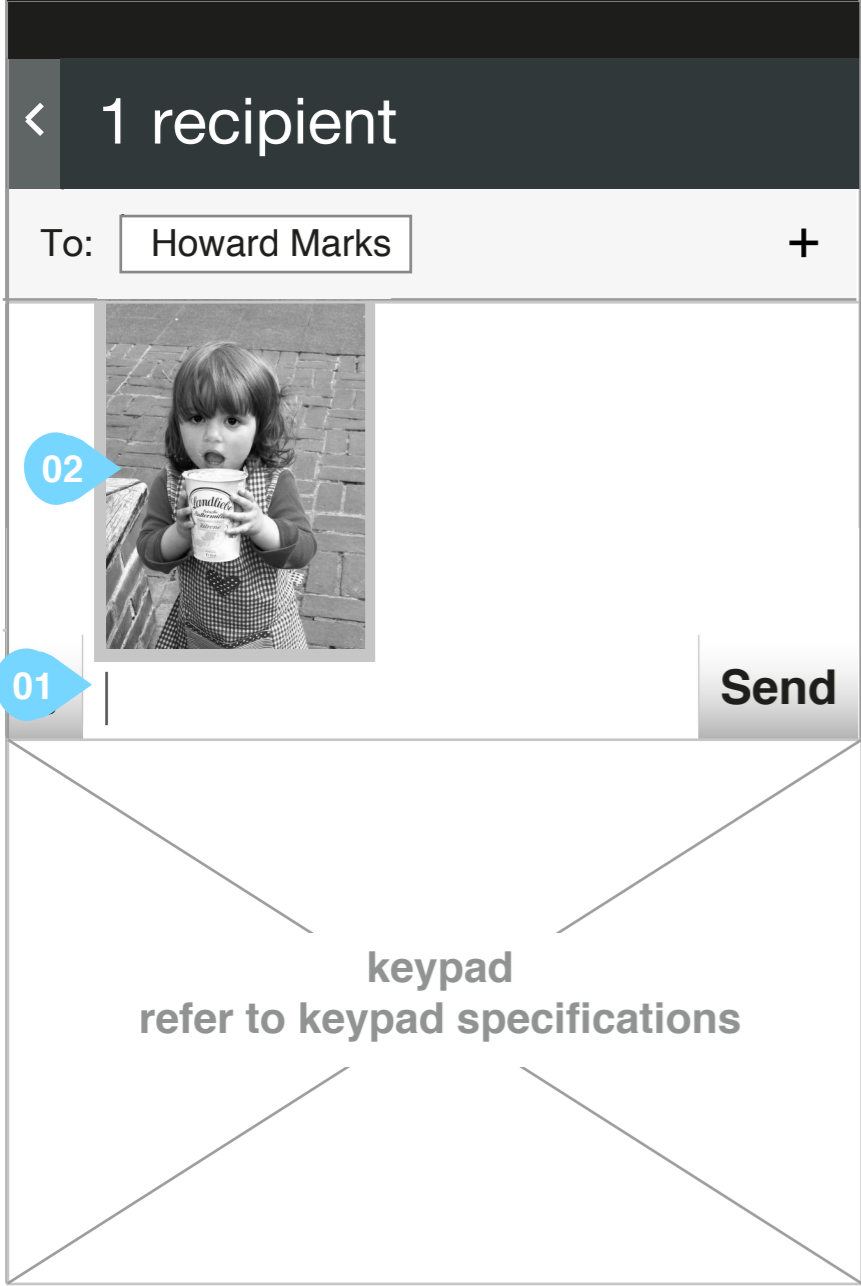
- attached file options dialogue is opened. refer to wireframe 'MMS: pre-send attached picture file options'

- if content is audio

- attached file options dialogue is opened. refer to wireframe 'MMS: pre-send attached audio file options'

SMS/MMS user story specification

MMS : File successfully added to MMS with content in 'to' field



Wireframe illustrating the compose message screen with focus on the 'message' field. Scenario would be generated if user attached media after adding a recipient to the 'to' field

annotation

01 focus on the message field

02 added file

upon tap

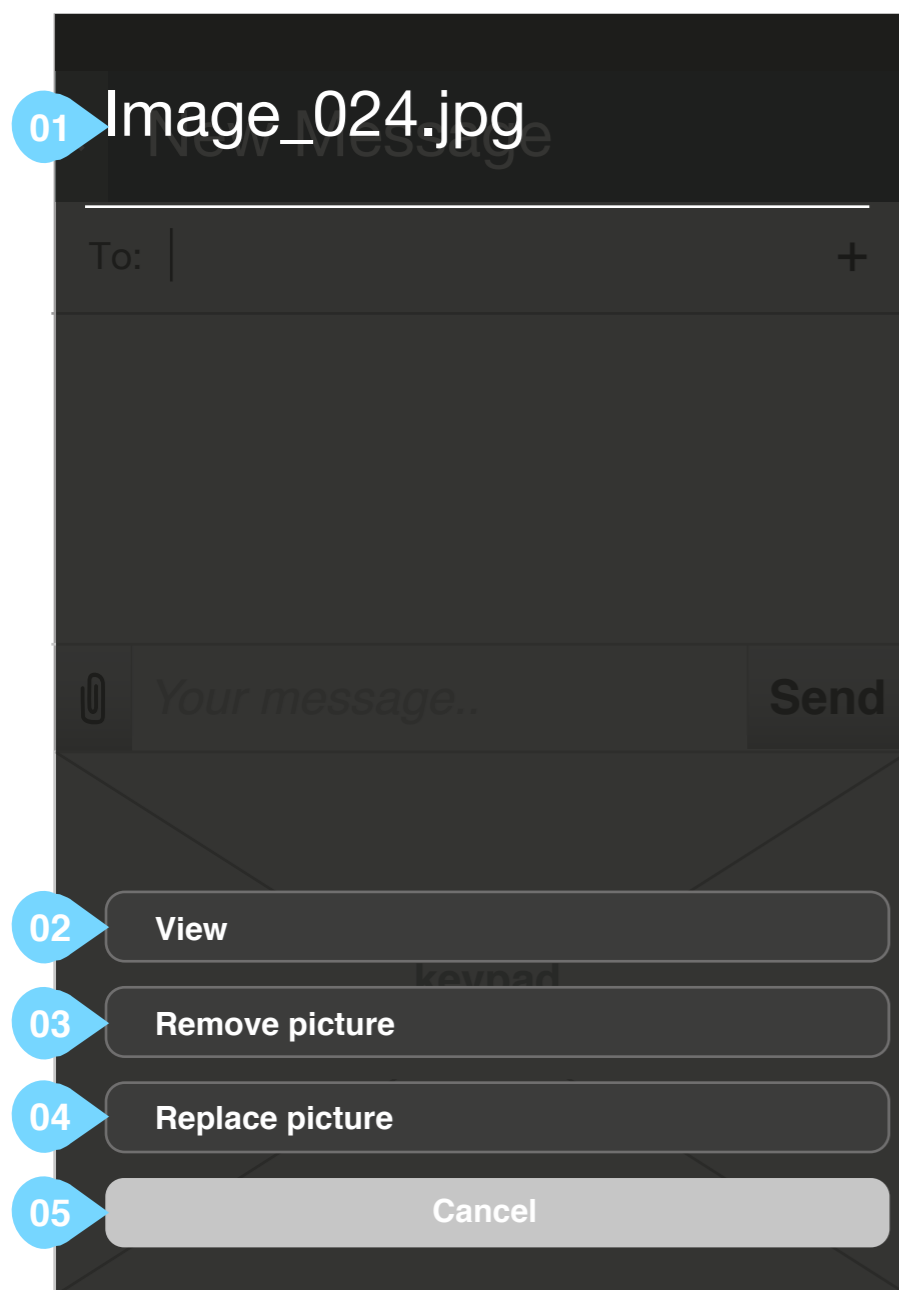
- refer to wireframe 'MMS : File successfully added to MMS with empty 'to' field'

upon long press

- refer to wireframe 'MMS : File successfully added to MMS with empty 'to' field'

SMS/MMS user story specification

MMS : pre-send attached picture file options



Wireframe illustrating the attached file options dialogue when a user selects a image file that they have attached to an out going message during composition.

annotation

01 Name and extension of attachment

02 View CTA

upon tap

- picture or video is opened in activity view so that user can preview the attachment

03 Remove picture CTA

upon tap

- selected file is removed from message

- pre-send attached video file options dialogue is closed and the user is returned to the MMS composed dialogue minus the removed attachment picture

04 Replace picture picture

upon tap

- Selecting media is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

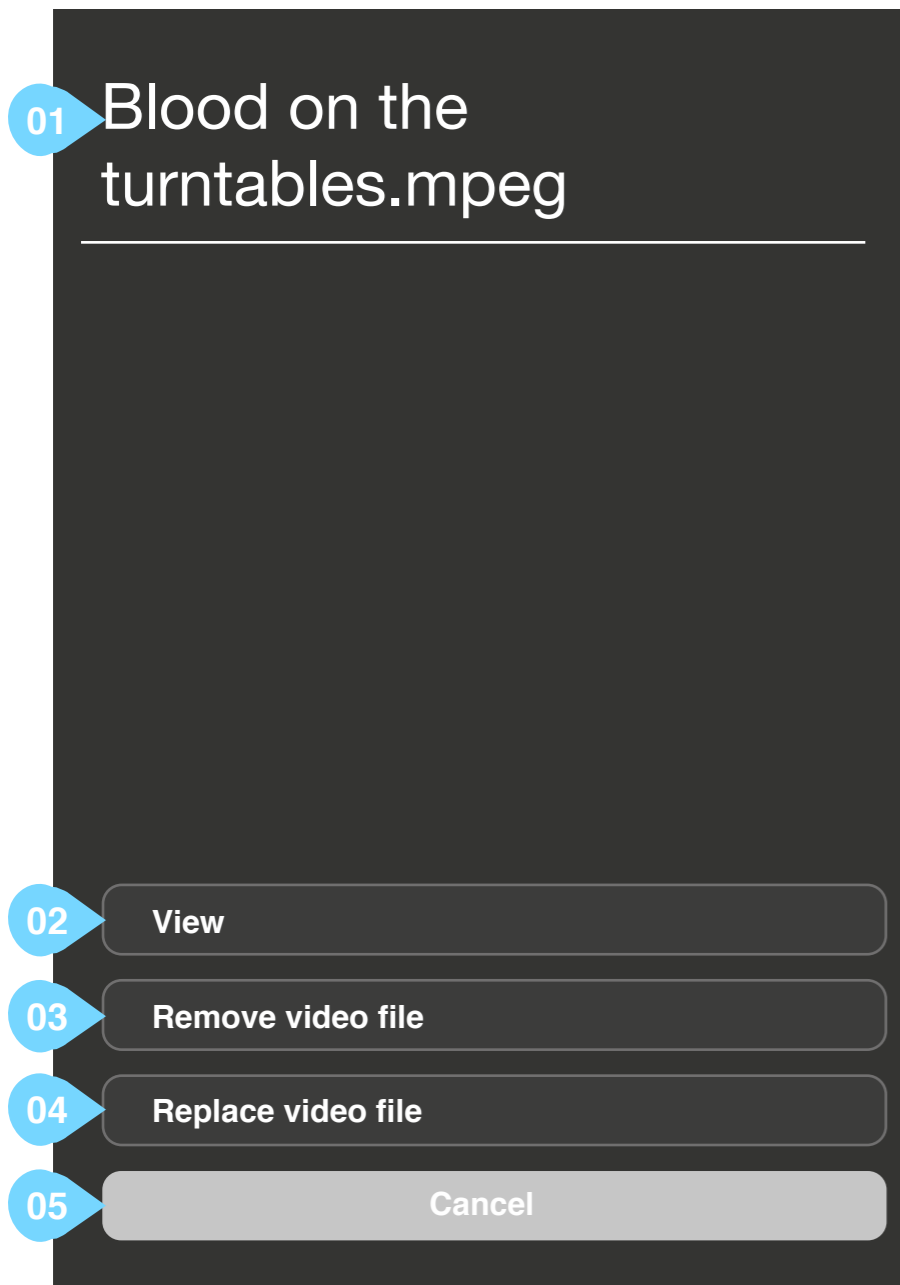
05 Cancel CTA

upon tap

- Attachment options dialogue is closed and user is returned to the view from which they launched it

SMS/MMS user story specification

MMS : pre-send attached video file options



Wireframe illustrating the attached file options dialogue when a user selects a video file that they have attached to an out going message during composition.

annotation

01 Name and extension of attachment

02 View CTA

upon tap

- video is opened in activity view so that user can preview the attachment

03 Remove picture CTA

upon tap

- selected file is removed from message

- pre-send attached video file options dialogue is closed and the user is returned to the MMS composed dialogue minus the removed attachment

04 Replace picture picture

upon tap

- Selecting media is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

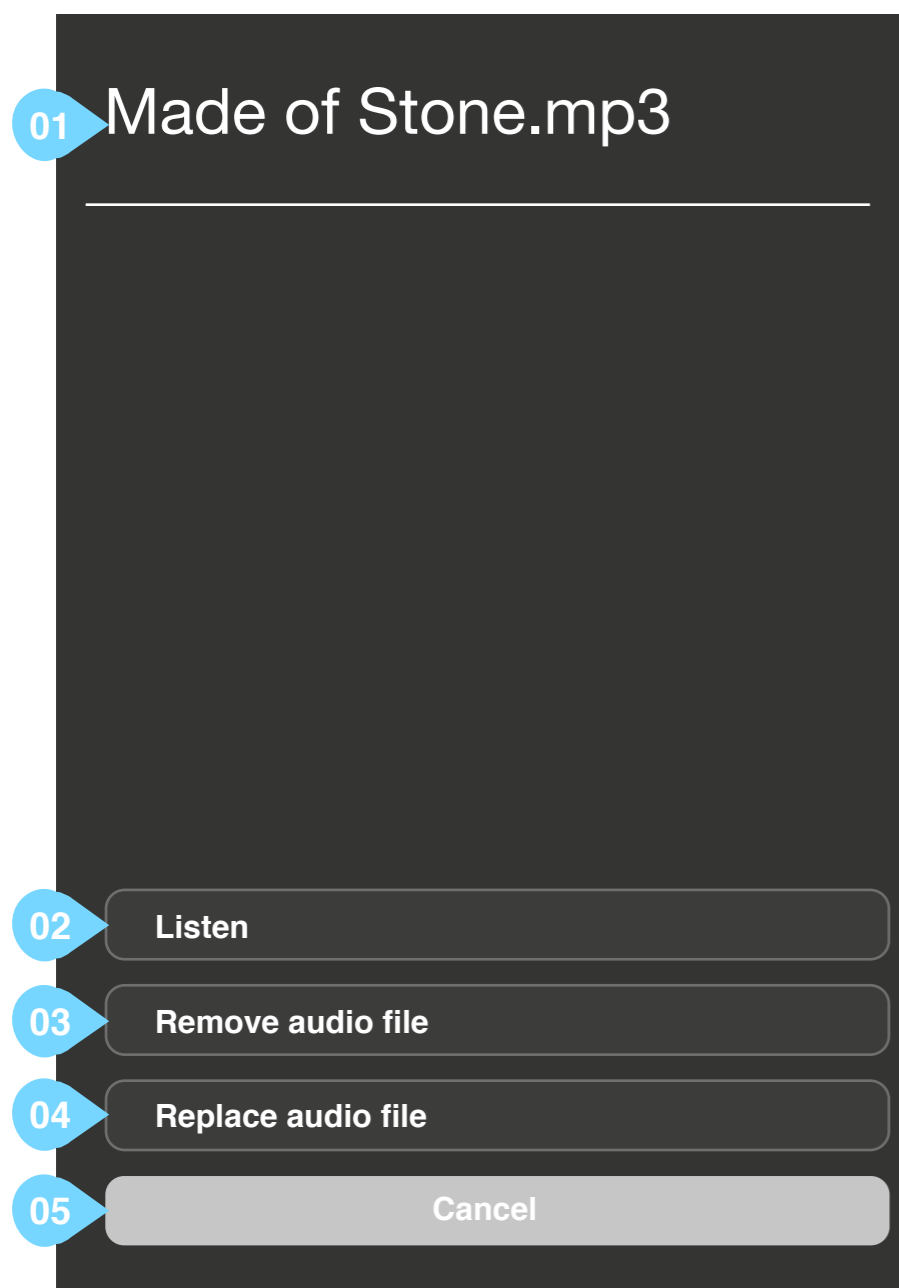
05 Cancel CTA

upon tap

- Attachment options dialogue is closed and user is returned to the view from which they launched it

SMS/MMS user story specification

MMS : pre-send attached audio file options



Wireframe illustrating the attached file options dialogue when a user selects a audio file that they have attached to an out going message during composition.

annotation

01 Name and extension of attachment

02 View CTA

upon tap

- audio file is opened in activity view so that user can preview the attachment

03 Remove audio CTA

upon tap

- selected file is removed from message

- pre-send attached audio file options dialogue is closed and the user is returned to the MMS composed dialogue minus the removed attachment

04 Replace audio file

upon tap

- Selecting media is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

05 Cancel CTA

upon tap

- Attachment options dialogue is closed and user is returned to the view from which they launched it

SMS/MMS user story specification

MMS : File too large



Wireframe illustrating the file too large dialogue that is displayed to the user when they attempt to attach a file that makes the MMS too large to be sent.

annotation

01 OK CTA

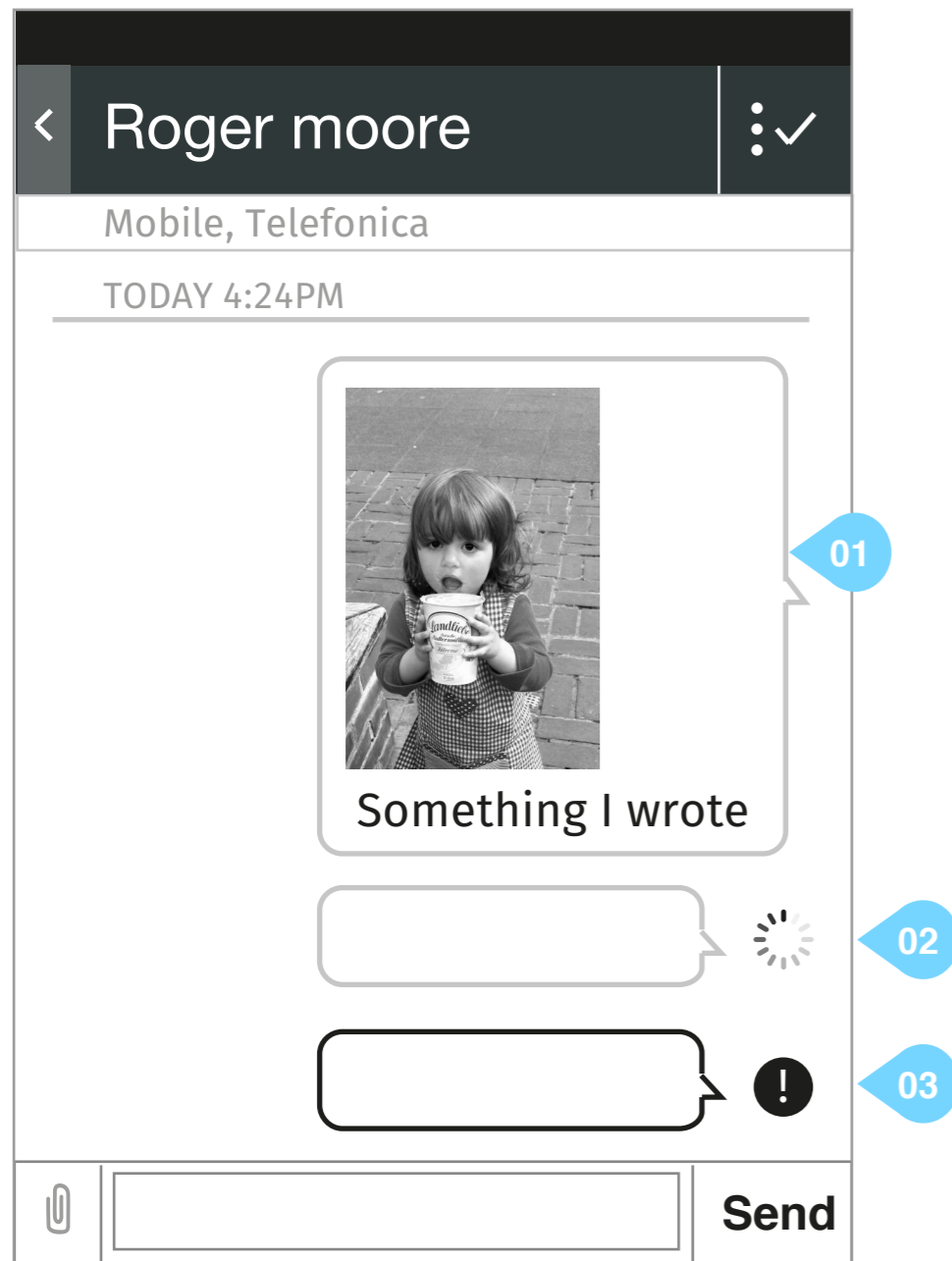
upon tap

- user is presented the compose message screen in the state it was in before they launched the attached file options dialogue. This dialogue is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

SMS/MMS user story specification

MMS : Sent Message

Wireframe illustrating an MMS message thread:



annotation

- 01** successfully sent MMS message module
 - the content of MMS modules are presented in the same structure as they are created
 - for module specification refer to wireframe 'MMS : MMS modules'
- 02** sending activity indicator
 - upon successful sending of a message indicator vanishes and message right indents to enforce its sending
 - if the message has not been sent because the service is unavailable the indicator remains until service becomes available and message is sent.
- 03** indication of failure in message sending

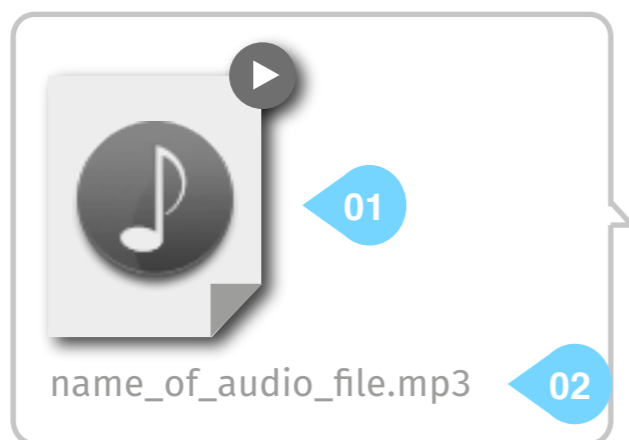
upon tap

takes the user to wireframe 'MMS : message failure options'

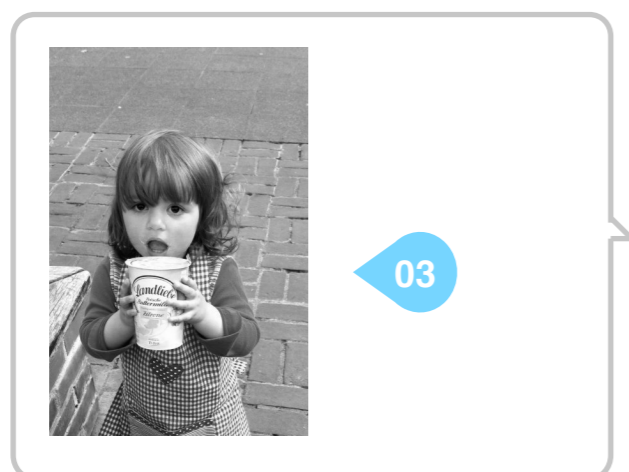
SMS/MMS user story specification

MMS : MMS modules

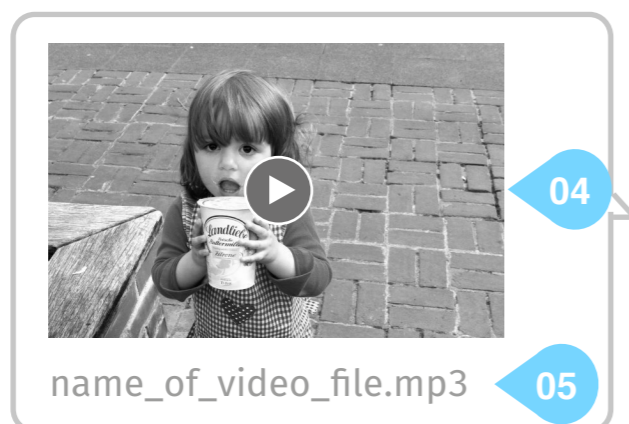
audio attached



picture attached



video attached



Wireframe illustrating an MMS modules for incoming or outgoing messages

annotation

01 attached audio file

- as we cannot guarantee imagery with audio files display iconography to indicate the file is audio format
- include clear 'play' CTA to provide affordance that file can be played

upon tap

- file is opened in activity view so that user can preview the attachment. This dialogue is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

02 attached audio file name and extension

- as the indication of the audio file is not self-explanatory include file name and extension with the attached file

03 attached image file

- Images are self-explanatory so we can display the image itself, however there is no need to include file name with the attached file

upon tap

- file is opened in activity view so that user can preview the attachment. This dialogue is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

04 attached video file

- Video files should have images associated with them.

upon tap

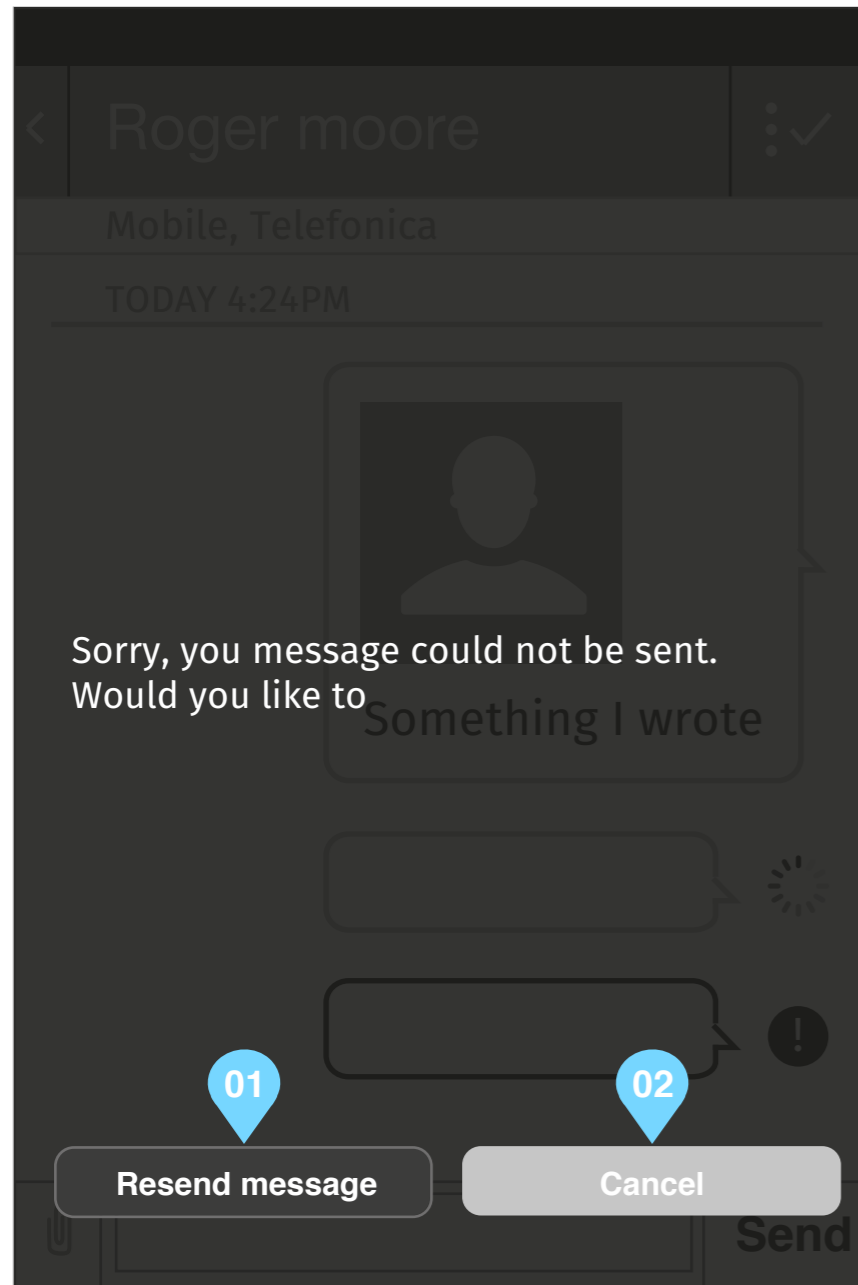
- file is opened in activity view so that user can preview the attachment. This dialogue is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

05 attached video file name and extension

- Images for video are not completely self-explanatory so although we display the image we need to include file name and extension with the attached file

SMS/MMS user story specification

MMS : Message failure options



Wireframe illustrating the options when an MMS has failed to send:

annotation

01 resend message CTA

upon tap

- message failure options dialogue is closed
- attempts to resend message is made

02 cancels the message

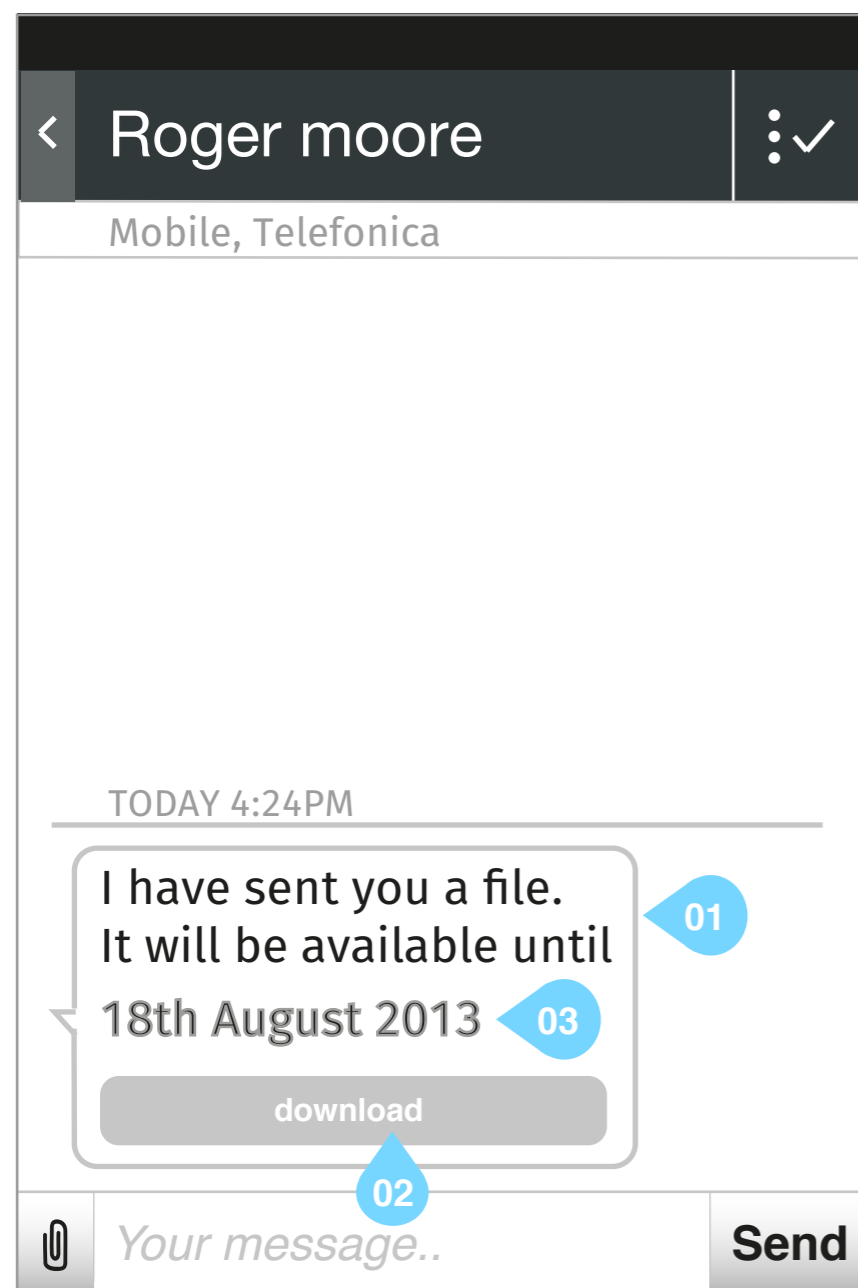
upon tap

- message failure options dialogue is closed
- user is returned to the view from which dialogue was launched

SMS/MMS user story specification

MMS : Auto retrieve off, attachment not downloaded

Wireframe illustrating notification of received MMS when the user has retrieval of MMS turned off



annotation

01 message notification module

02 download button

upon tap

- sequence to download MMS is triggered
 - if the message has already expired (reference : https://bugzilla.mozilla.org/show_bug.cgi?id=862262)
 - user is presented with wireframe 'MMS : Message expired'
 - if message has not expired
 - download initiated. refer to wireframe: 'MMS : Auto retrieve off, downloading file'

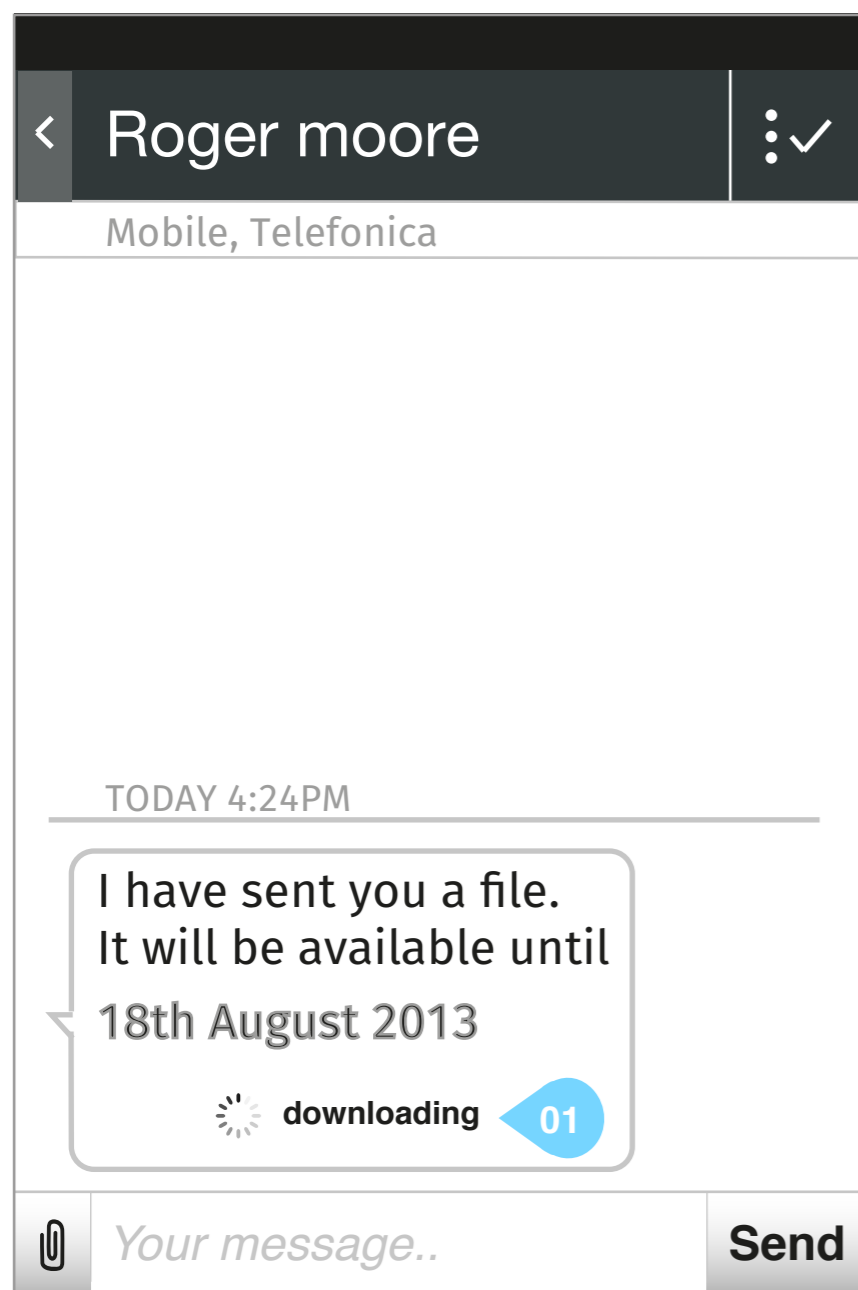
03 expiry date

- calculated from the length time the operator keeps sent files on their server

SMS/MMS user story specification

MMS : Auto retrieve off, downloading file

Wireframe illustrating notification of received MMS when the user has retrieval of MMS turned off



annotation

- 01 spinner and message feedback that the MMS is being downloaded
 - display whilst download is in process
 - if download is successful
 - for file type presentation refer to wireframe 'MMS : MMS modules'
 - if download is unsuccessful
 - refer to wireframe 'MMS : Auto retrieve off, download unsuccessful'

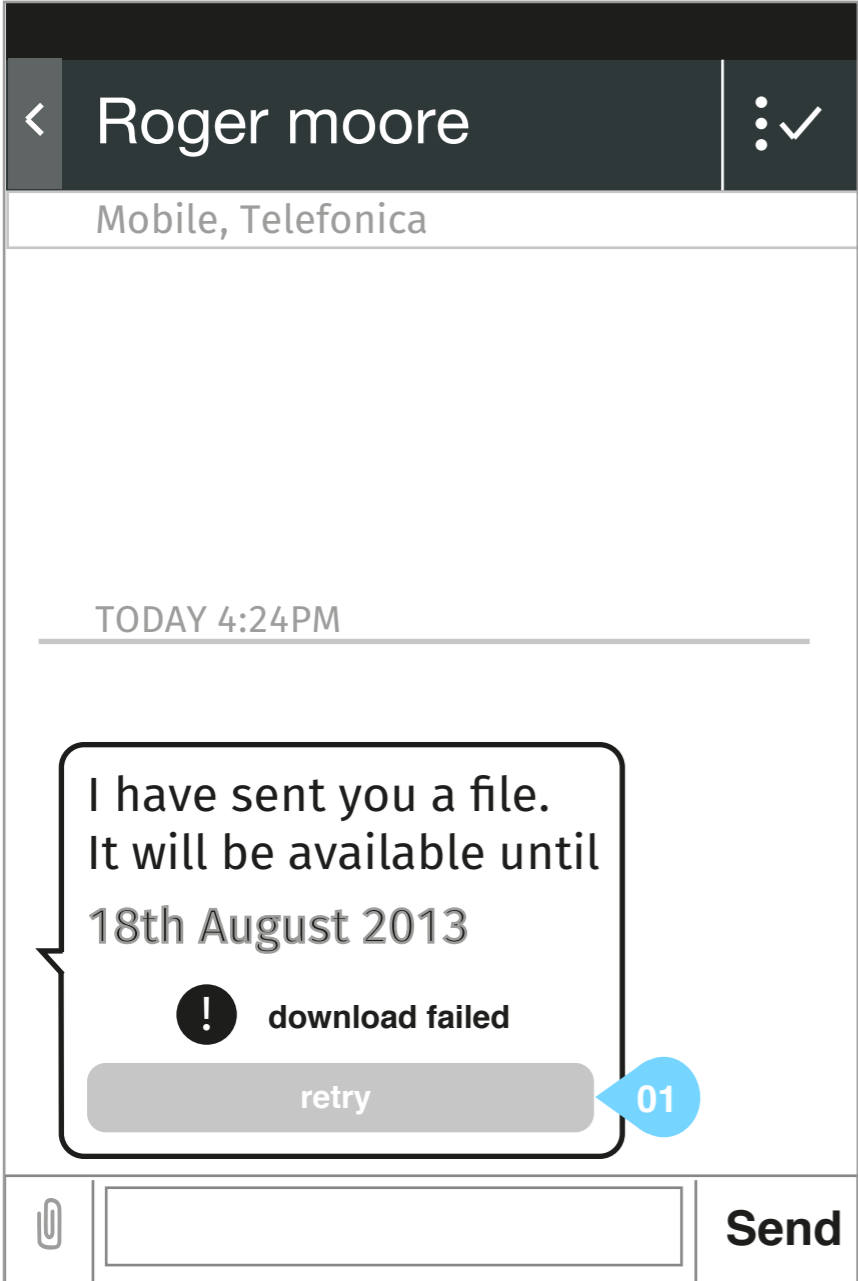
Auto Retrieve

automatically retrieve messages

SMS/MMS user story specification

MMS : Auto retrieve off, download unsuccessful

Wireframe illustrating unsuccessful download of MMS message:



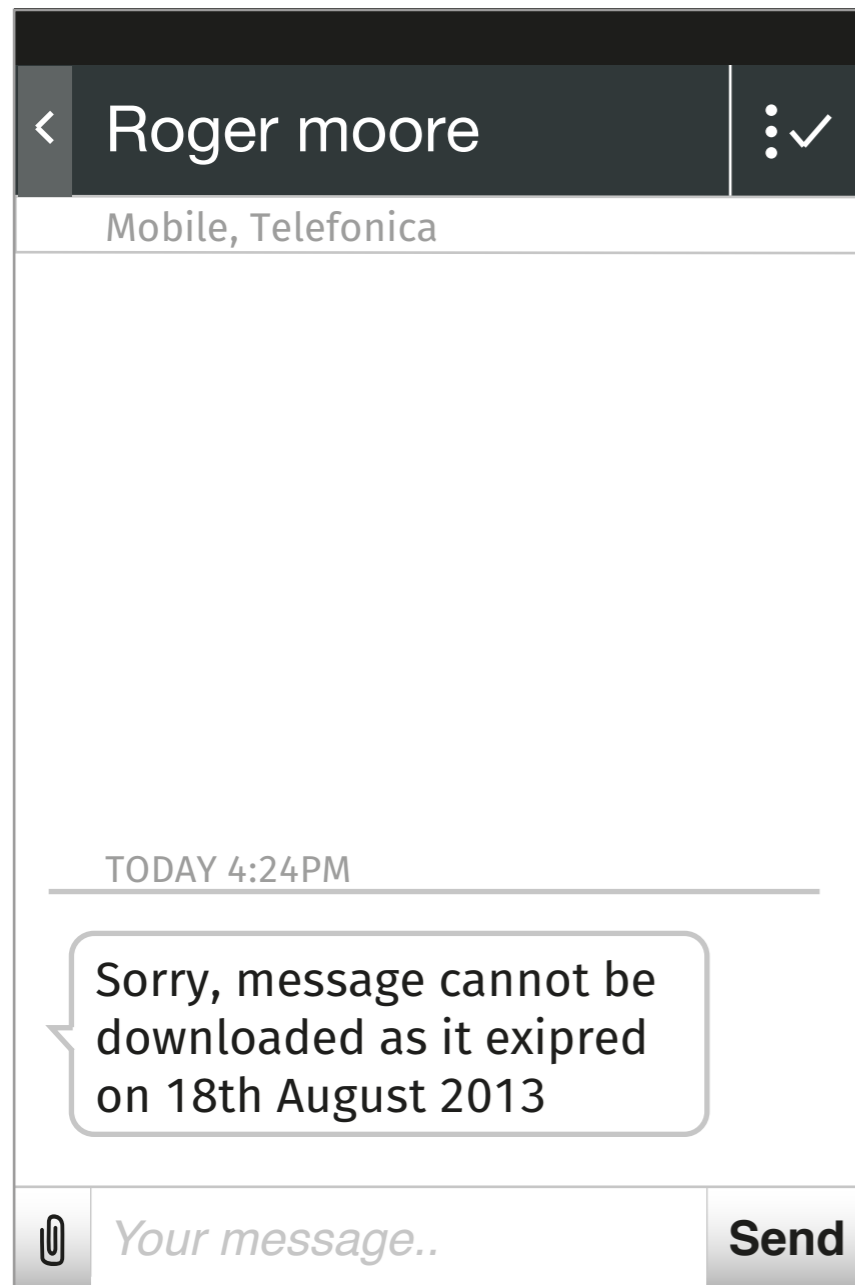
annotation

- 01 Retry CTA
- upon tap
 - sequence to download MMS is triggered
 - for specification refer to wireframe 'MMS : Auto retrieve off, attachment not downloaded'

SMS/MMS user story specification

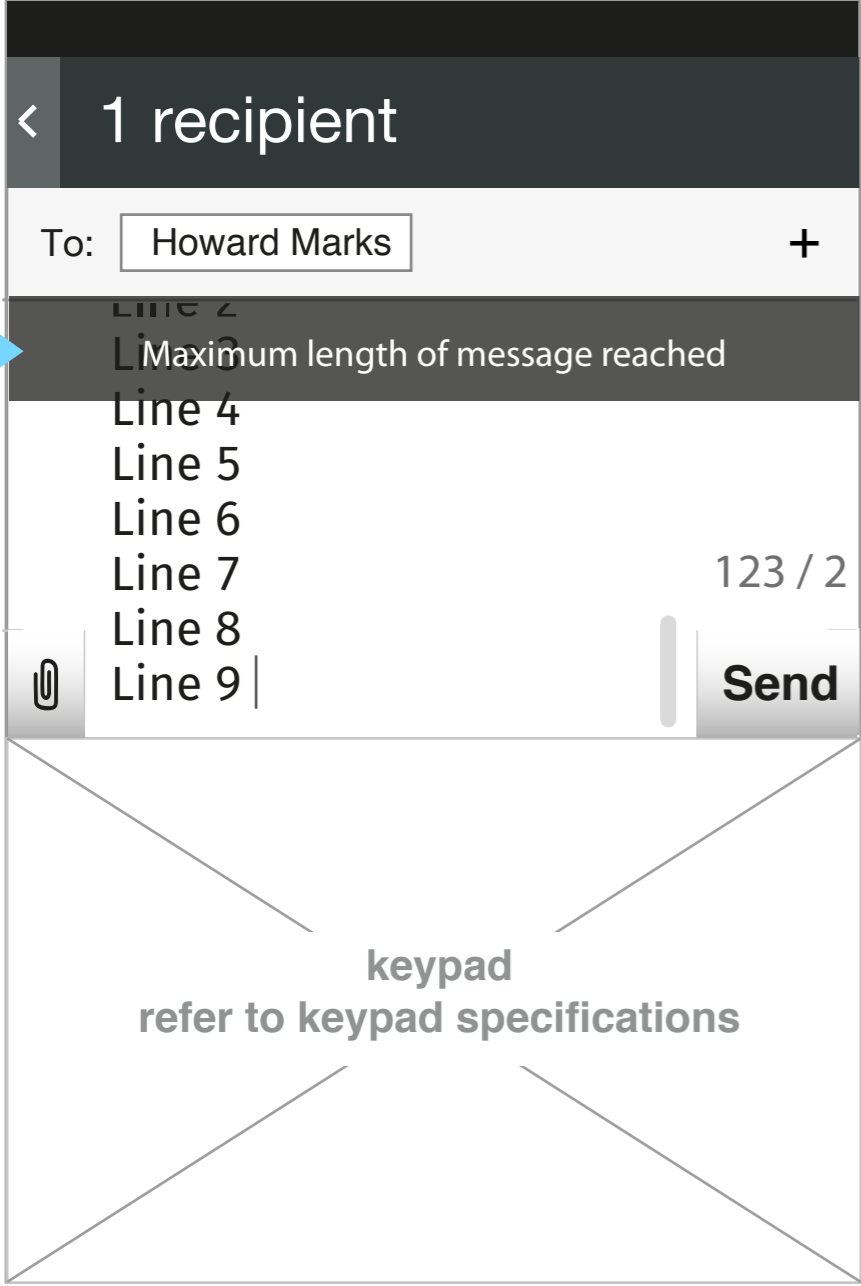
MMS : Message expired

Wireframe illustrating notification of received MMS when the user attempts to retrieve an MMS, but it has expired

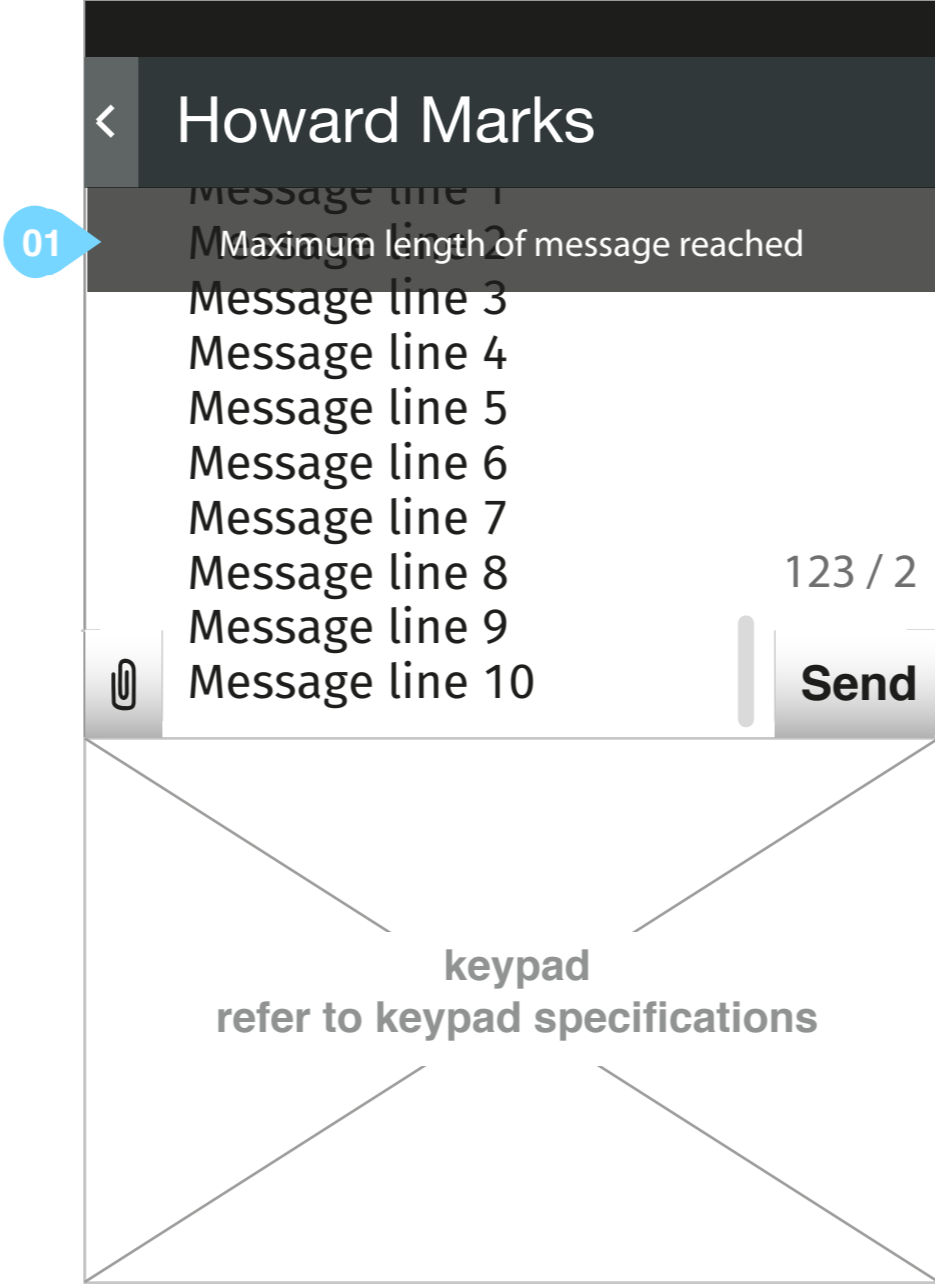


SMS/MMS user story specification

MMS : maximum size of message reached



1. in creating a new message



2. in reply to an existing thread

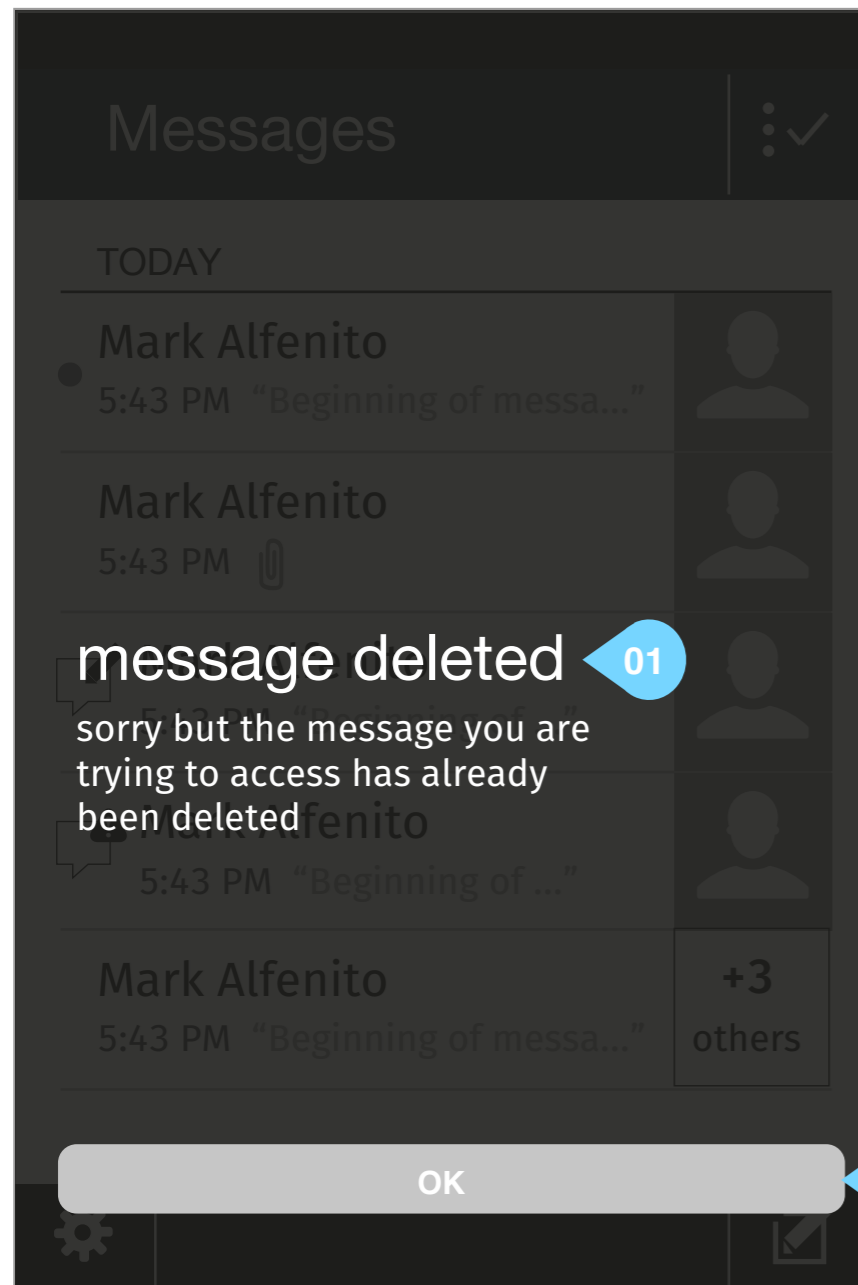
Wireframe illustrating the dialogue that is presented to the end user when the maximum length of an SMS message is reached

annotation

- 01 In App message informing the user that the maximum length of a message has been reached
 - message sits permanently on the screen until message length is reduced
 - all CTA's on the screen remain active

SMS/MMS user story specification

MMS : Message deleted error message



Wireframe illustrating the alter that is delivered to the user when they select a message from the notifications tray that has already been deleted in the massaging app. Alert appears as an overlay of the message app's inbox

annotation

01 Delete message title

- nice to have, but as this is an interim solution it is not essential

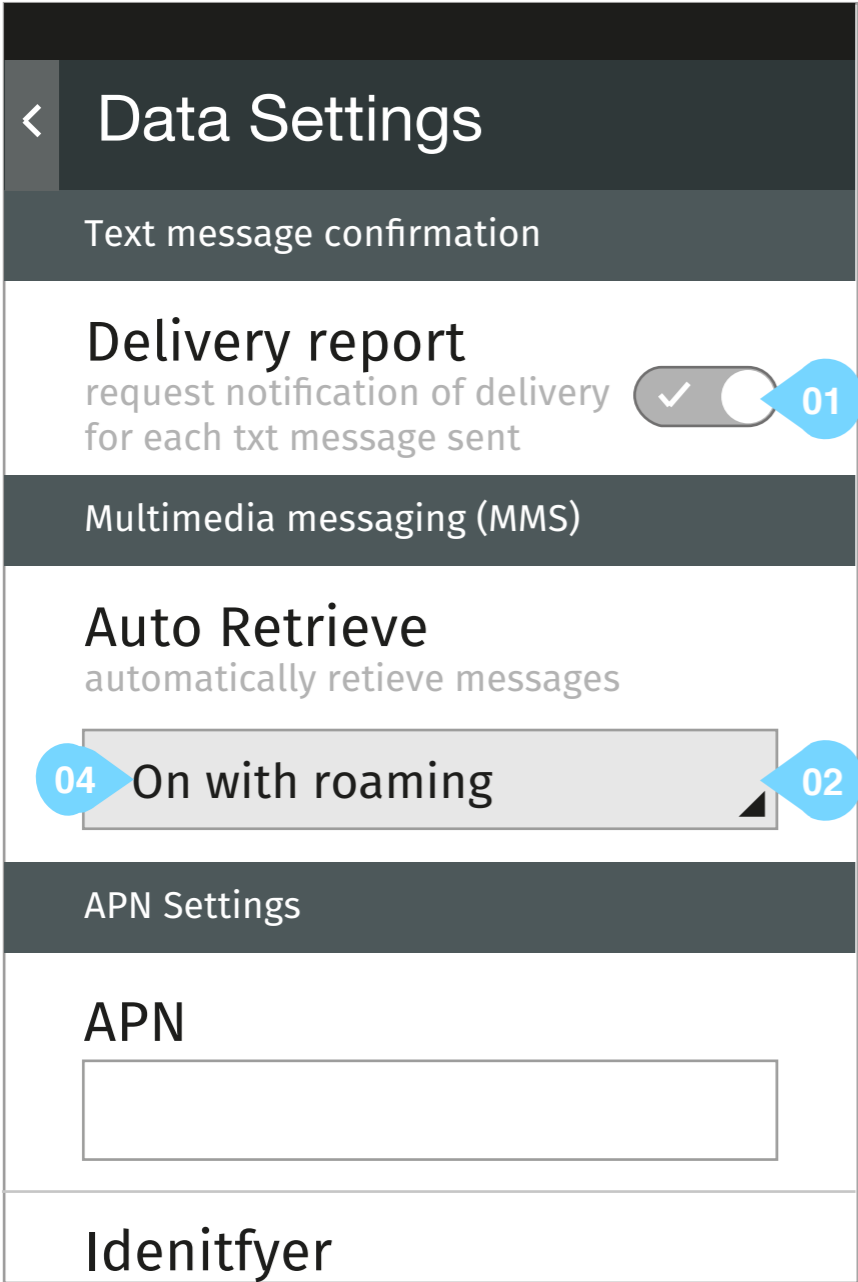
02 OK CTA

upon tap

- closes the alert dialogue and presents the user with the message app's inbox. refer to wireframe 'Multi-recipient : Message thread listing'

SMS/MMS user story specification

MMS : Message settings version 1



Wireframe illustrating the message settings dialogue for Version 1. Two versions of the message settings are proposed because is not possible to have two CTA's that are co dependent in the settings app at the moment.

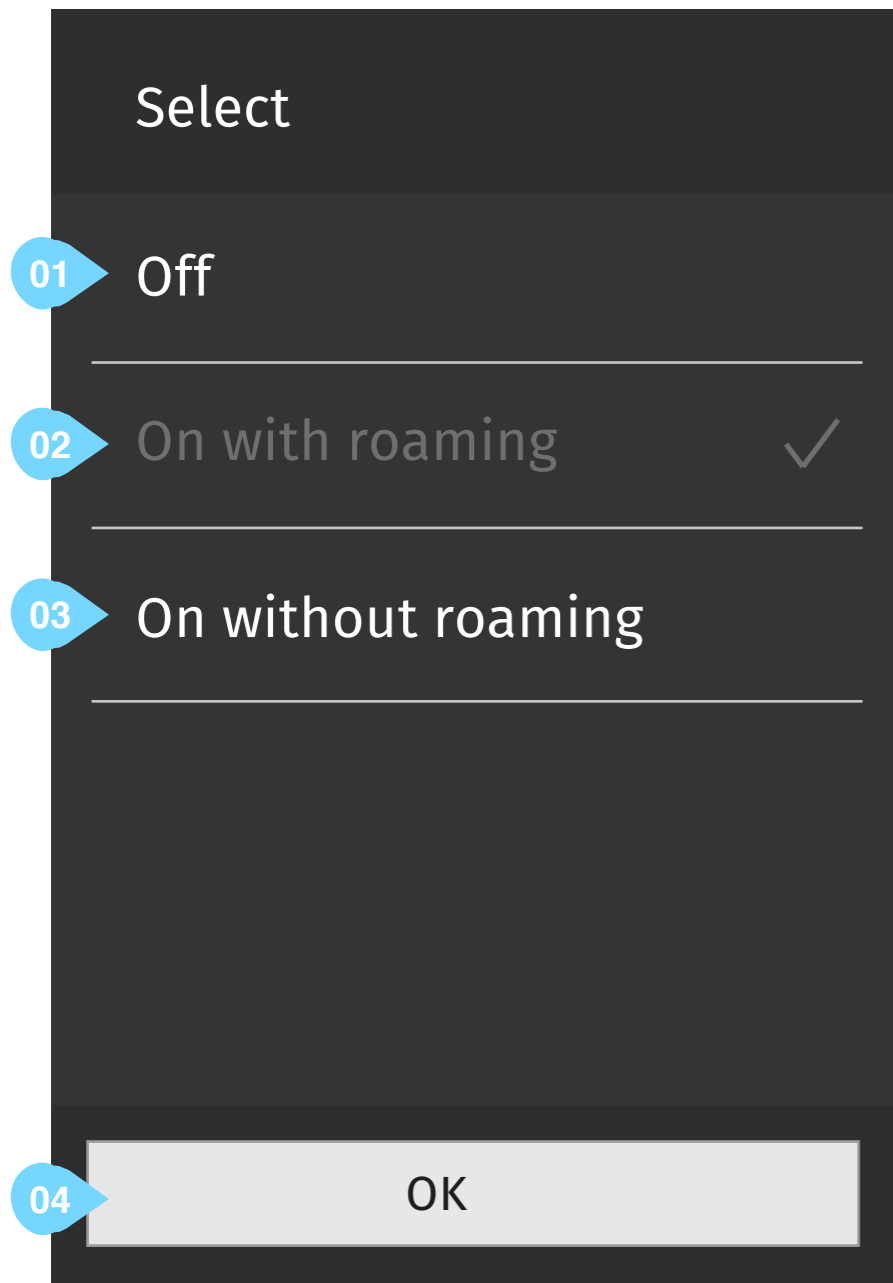
This interface lives in the settings app

annotation

- 01 Delivery reports on/off switch
upon tap
- turns the delivery reports for SMS messages on and off
- 02 Auto retrieve CTA
upon tap
- opens the Auto retrieve dialogue through which the user selects the desired auto retrieve setting. refer to wireframe: 'Message settings version 1 auto retrieve selection'
- 03 APN Settings
- same structure and behaviour as is currently on the phone
- 04 Feedback to the user on what the current auto retrieve setting is

SMS/MMS user story specification

MMS : Message settings version 1 auto retrieve selection



Wireframe illustrating the auto retrieve selection dialogue

This interface lives in the settings app

annotation

01 Off CTA

upon tap

- turns the auto retrieve selection off
- auto retrieve selection dialogue is closed
- user is returned to wireframe 'MMS : Message settings version 1' with the setting populating the auto retrieve CTA

02 On with roaming CTA

upon tap

- turns the auto retrieve selection on and allows it to function whilst the user is roaming
- auto retrieve selection dialogue is closed
- user is returned to wireframe 'MMS : Message settings version 1' with the setting populating the auto retrieve CTA

03 On without roaming CTA

upon tap

- turns the auto retrieve selection on and it is not allowed to function whilst the user is roaming
- auto retrieve selection dialogue is closed
- user is returned to wireframe 'MMS : Message settings version 1' with the setting populating the auto retrieve CTA

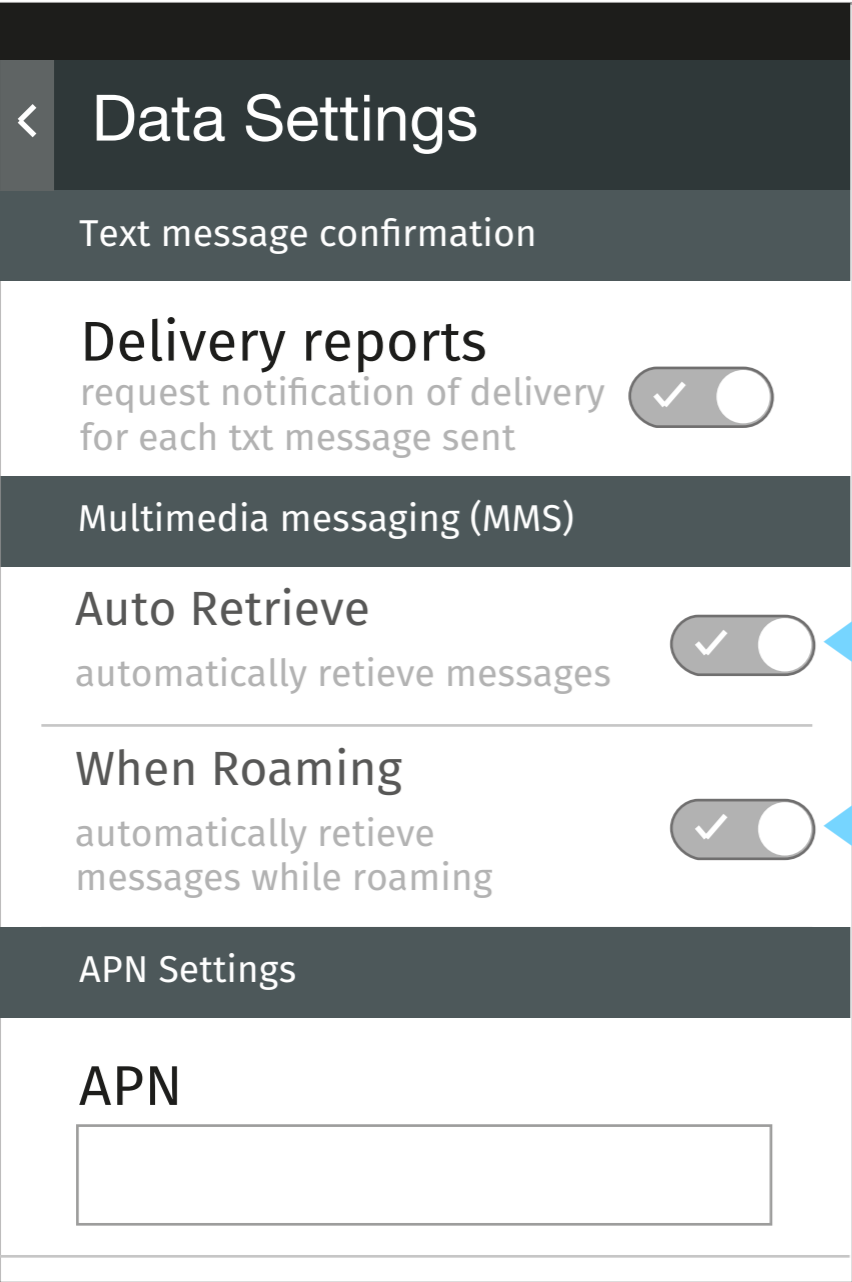
04 Cancel CTA

upon tap

- auto retrieve selection dialogue is closed
- user is returned to wireframe 'MMS : Message settings version 1' in the state it was in before the auto retrieve dialogue was launched

SMS/MMS user story specification

Message settings version 2



Wireframe illustrating the message settings dialogue

This interface lives in the settings app

annotation

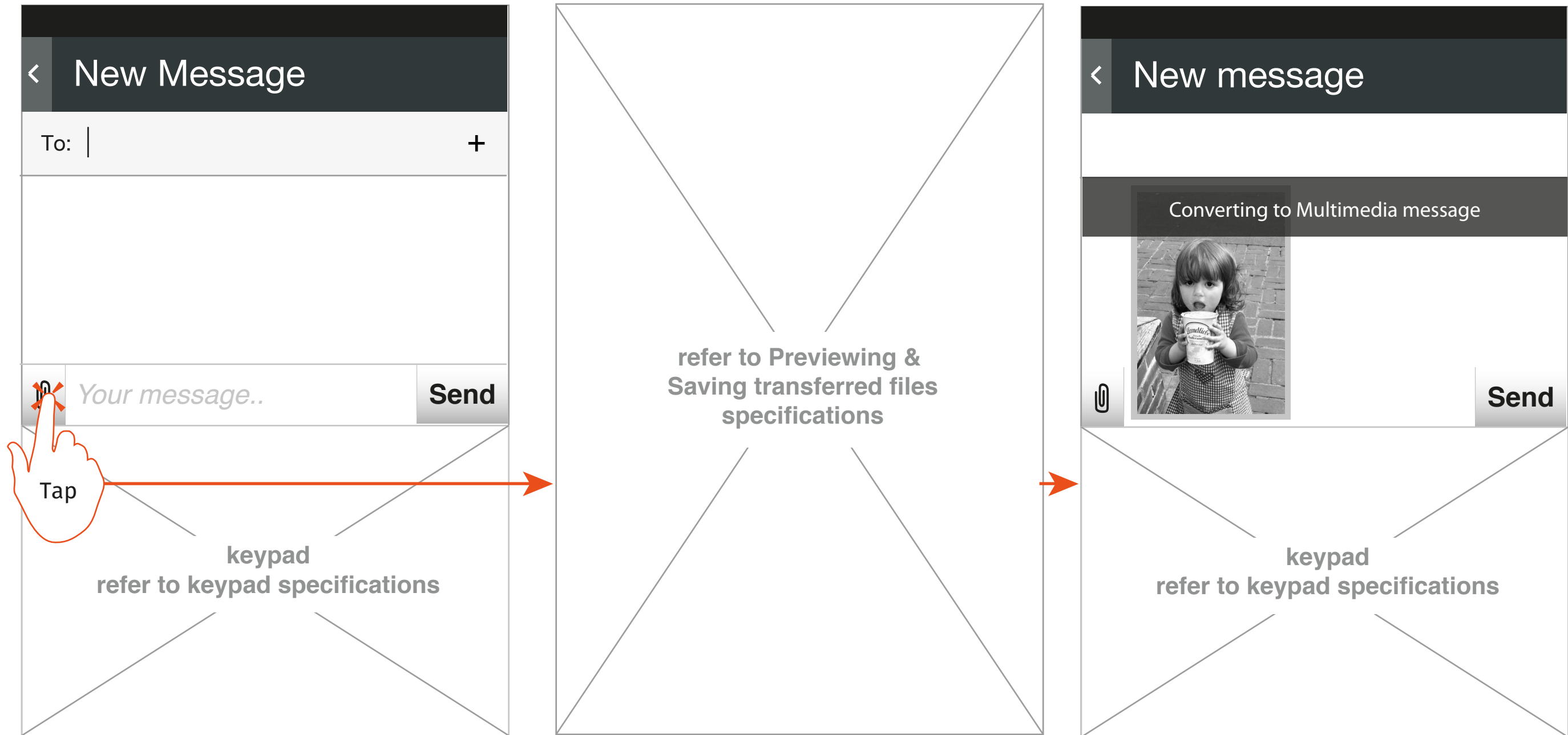
- 01 Auto retrieve on/off switch**
 - turns the facility to auto retrieve MMS messages on and off
 - when off When Roaming on/off switch **02** is disabled, but remains visible
- 02 When Roaming on/off switch**
 - turns the facility to auto retrieve MMS messages when roaming on and off
 - it Auto Retrieve on/off switch **01** is set to off
 - When Roaming on/off is disabled but remains visible

All other functionality as detailed in wireframe: 'MMS : Message settings version 1'

MMS Flows

SMS/MMS user story specification

MMS : successfully attaching media before recipient



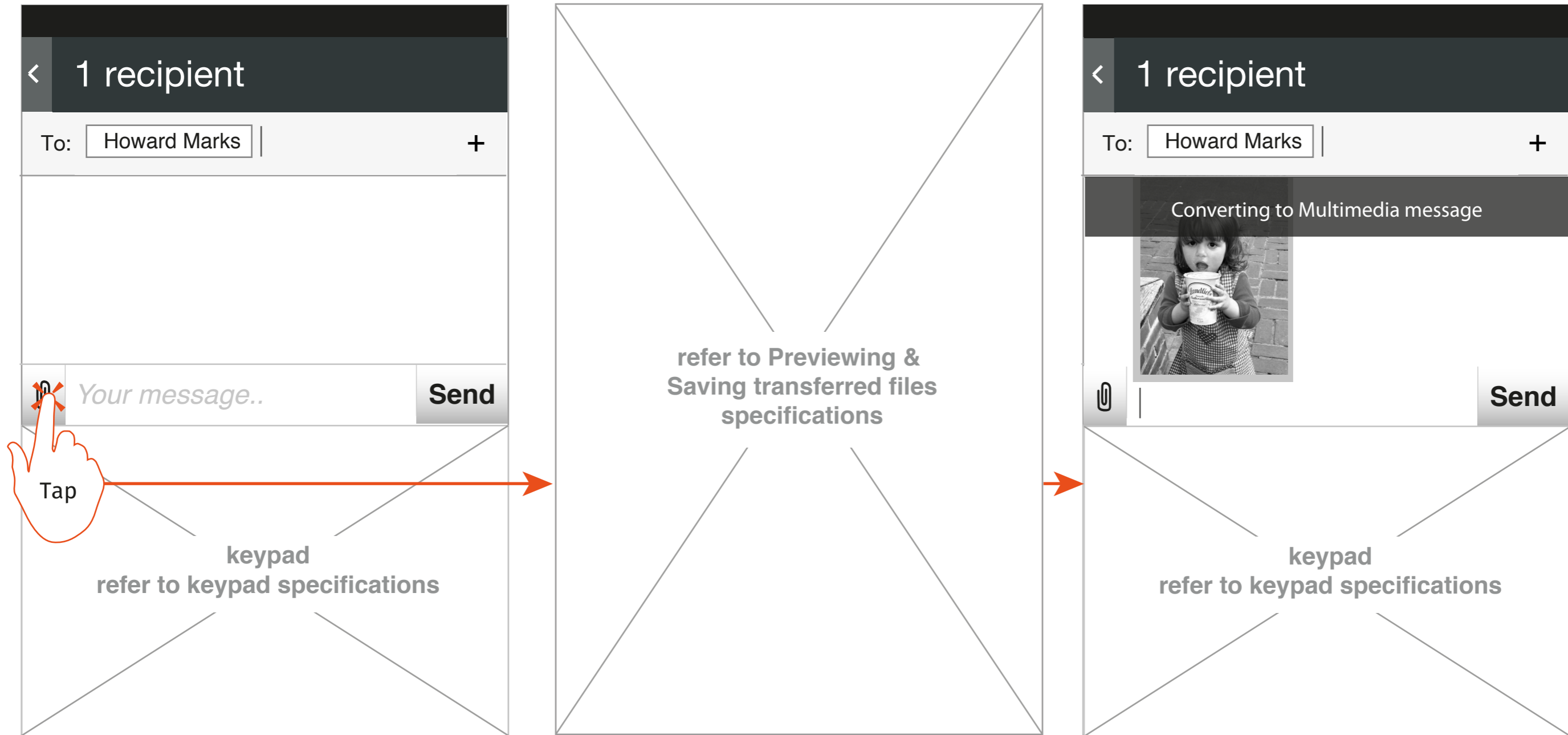
1. New message composer
- in vanilla state

2. Selecting media is handled in document
'meta-pattern-previews' compiled by Rob MacDonald.
contact <rmacdonald@mozilla.com>

3. Image attached to message
- focus remains on in the 'to' field

SMS/MMS user story specification

MMS : successfully attaching media after recipient



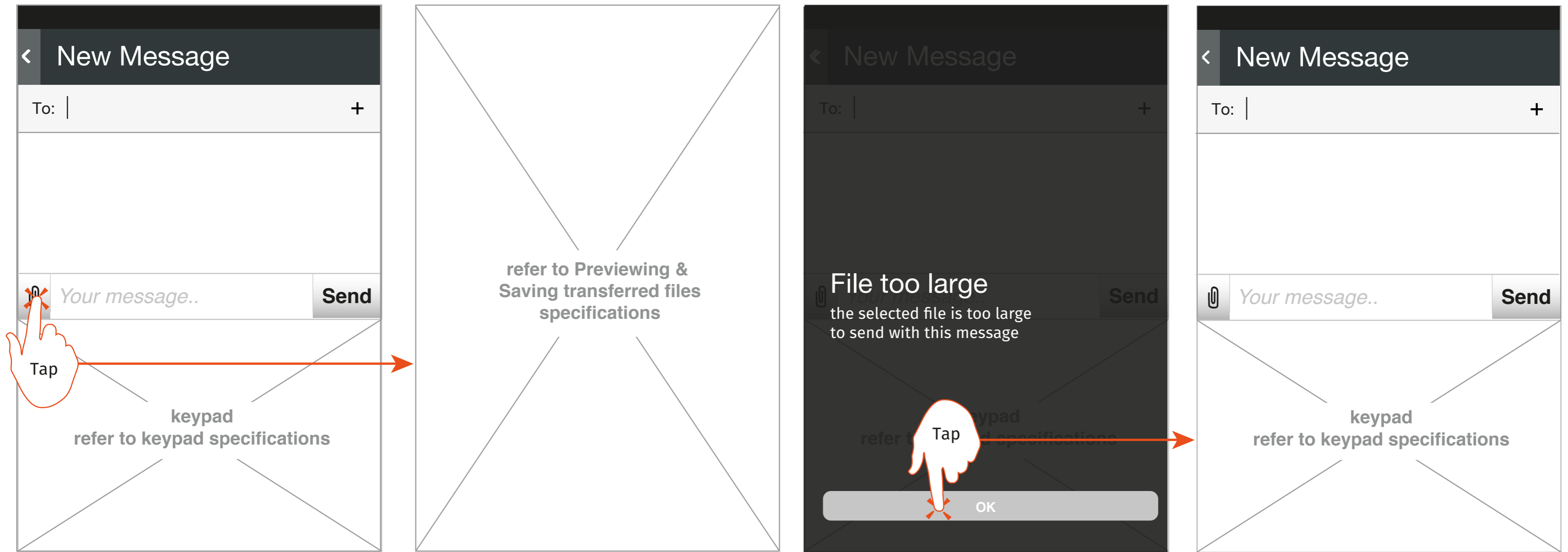
1. new message composer

2. Selecting media is handled in document 'meta-pattern-previews' compiled by Rob MacDonald. contact <rmacdonald@mozilla.com>

3. Image attached to message
- focus remains on in the message field
- message informing the user that they are not sending a multimedia message is displayed for 3 seconds

SMS/MMS user story specification

MMS : unsuccessfully attaching of media to a message



1. new message composer

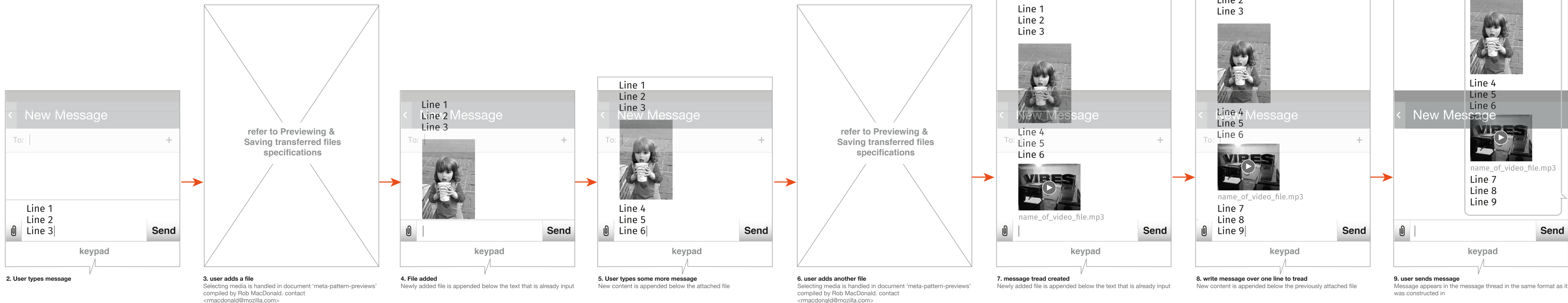
2. Selecting media to be attached to a message
refer to Previewing & Saving transferred files specifications
refer to keypad specifications
'meta-pattern-previews' compiled by Rob MacDonald.
contact <rmacdonald@mozilla.com>

3. Gallery presented in selection mode
- ensure that all functionality of the gallery is removed except for:
upon tap
- preview is launched

5. Image attached to message

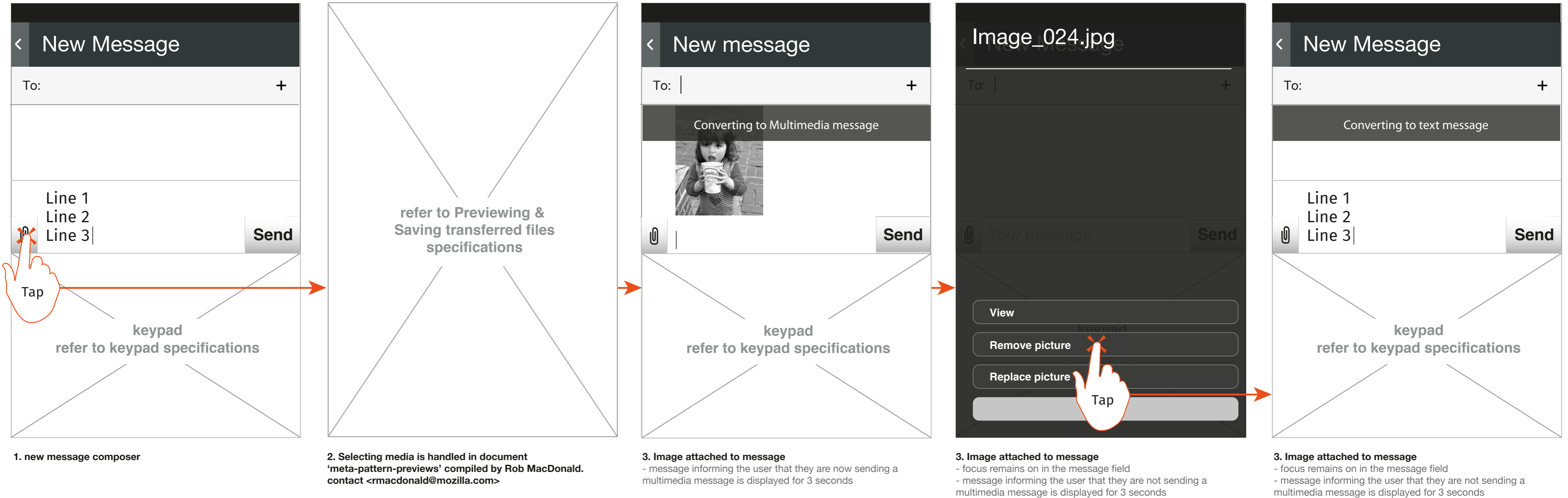
SMS/MMS user story specification

MMS : long message



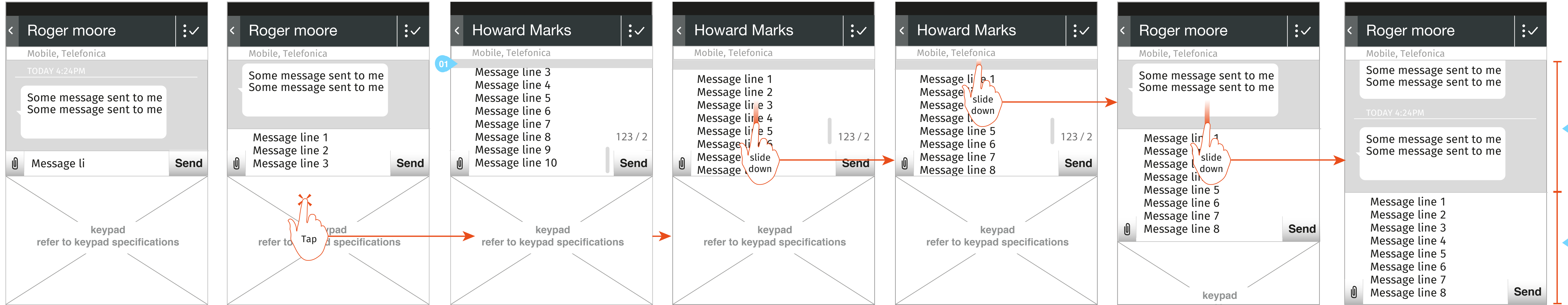
SMS/MMS user story specification

MMS : Switching between MMS and SMS



SMS/MMS user story specification

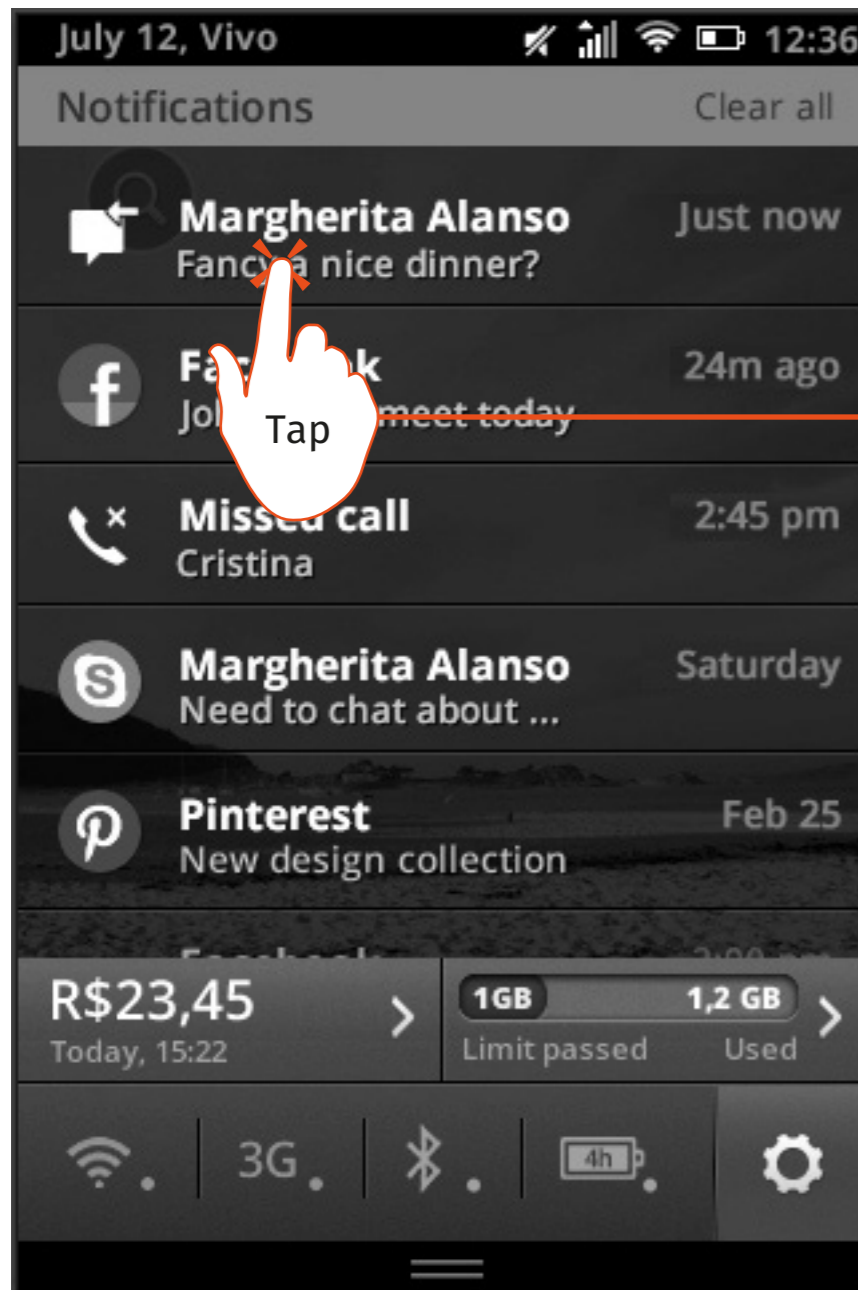
MMS : viewing existing thread whilst replying



- 1. user opens an existing tread**
- 3. user types a reply to an existing tread**
 - the message textfield will expand until the view shown in figure 4
- 4. existing thread pushed off the top of the screen except for a sliver of the message thread pane.**
 - we maintain visibility of a sliver for the message thread pane (01) in order to provide an affordance to view the message thread
- 5. viewing message being written**
 - the user can accesses what they have written by dragging the message text field downwards.
 - the textfield will scroll until either the first line of text or the top edge of attached content is visible.
- 6. viewing message thread (pt1)**
 - the user can accesses what they have written by dragging the message text field downwards.
 - the textfield will scroll until either the first line of text or the top edge of attached content is visible.
- 6. viewing message thread (pt2)**
 - as the user drags the message thread down it pushed the keyboard off the bottom of the screen
- 7. viewing message thread (pt3)**
 - the message thread pane will scroll down until the keyboard is not visible
 - 02 message thread pane now scrolls with in its own area
 - 03 message textfield now scrolls with in its own area upon tap
 - page scrolls up bringing the keyboard back into view

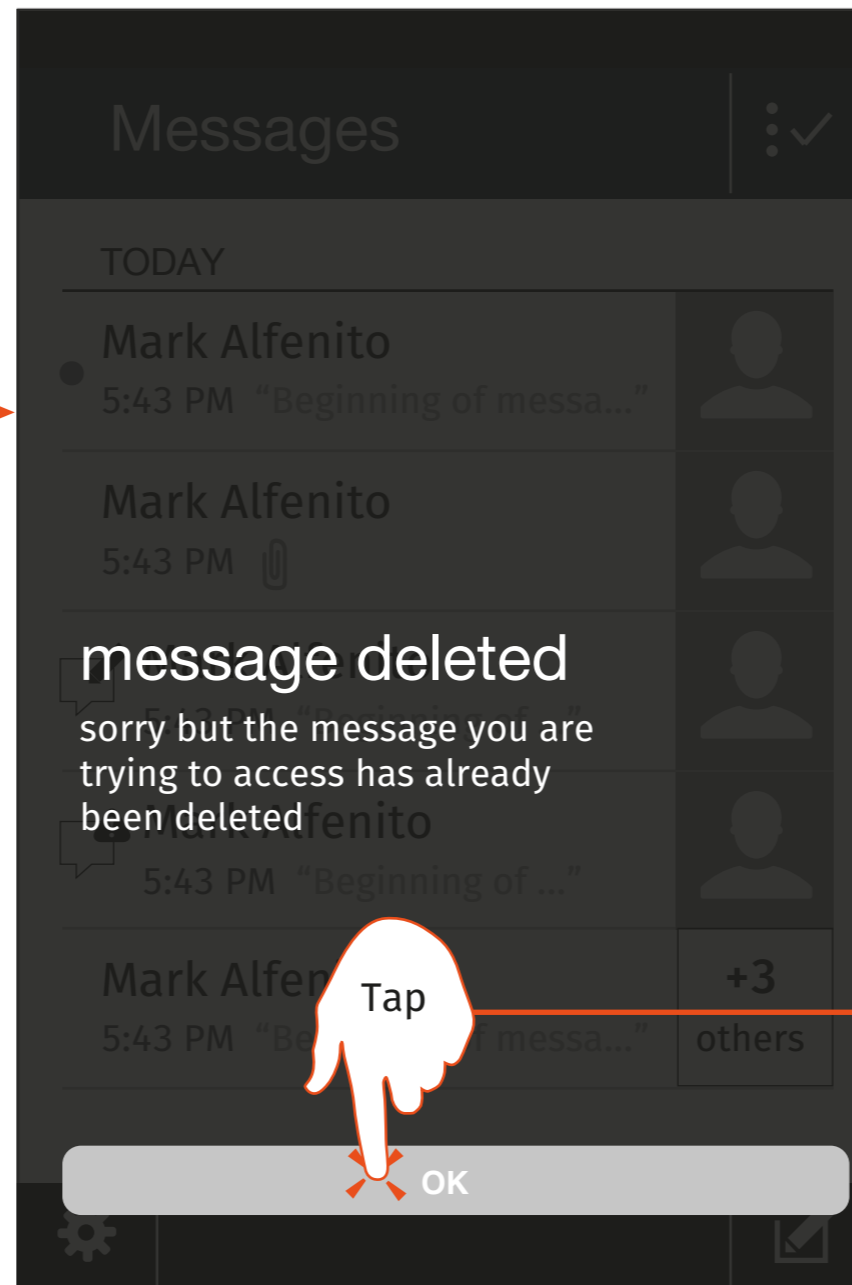
SMS/MMS user story specification

MMS : attempting to access a deleted SMS from notifications



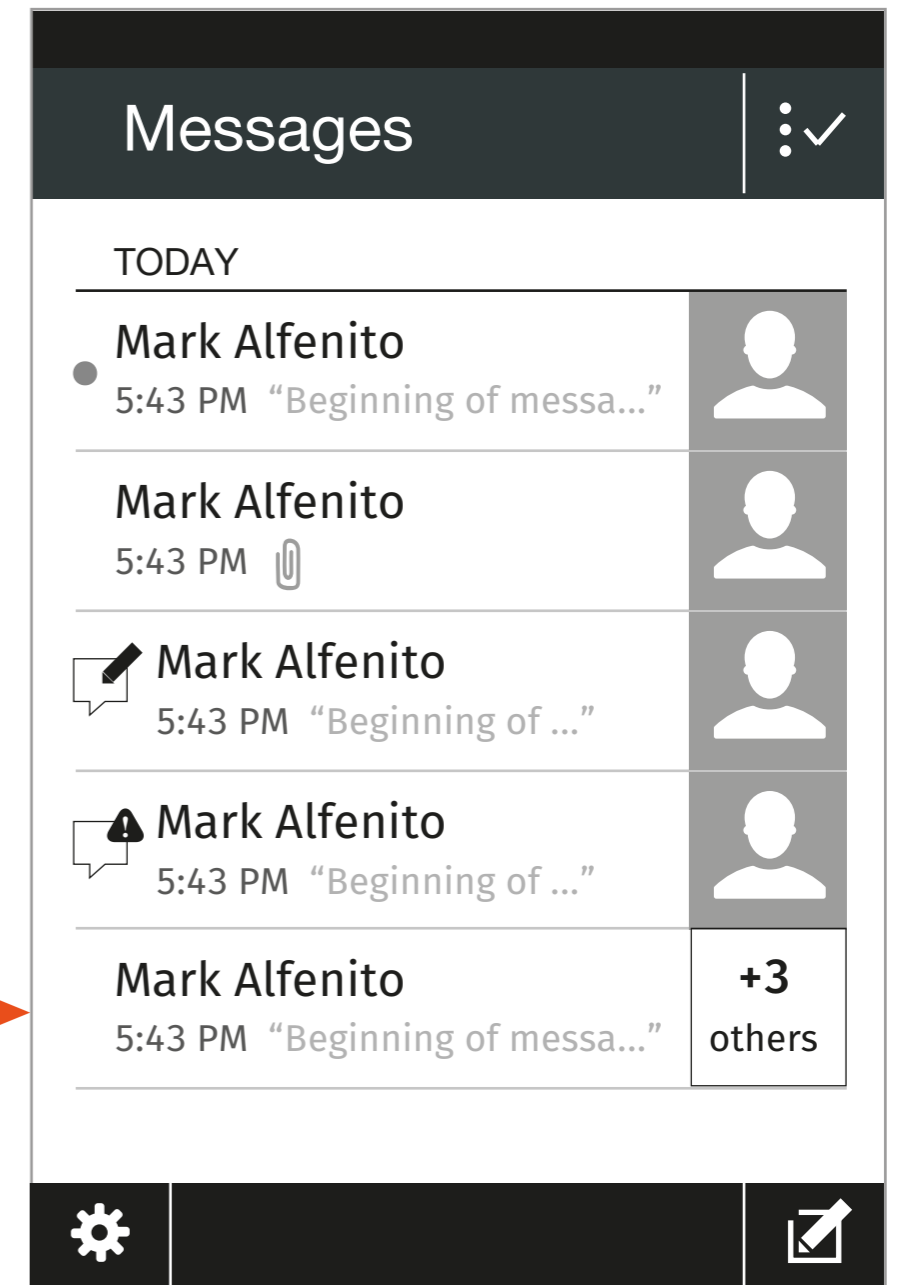
1. notifications

- User selects a message from the negotiations area
- Notifications area closes and messaging app opens displaying an error screen



2. error message

- user selects ok
- error screen closes
- user is presented with the inbox of the messaging app



3. inbox of messaging app

Thank you

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