Application Entry Points

Entering mail application from Home Page application
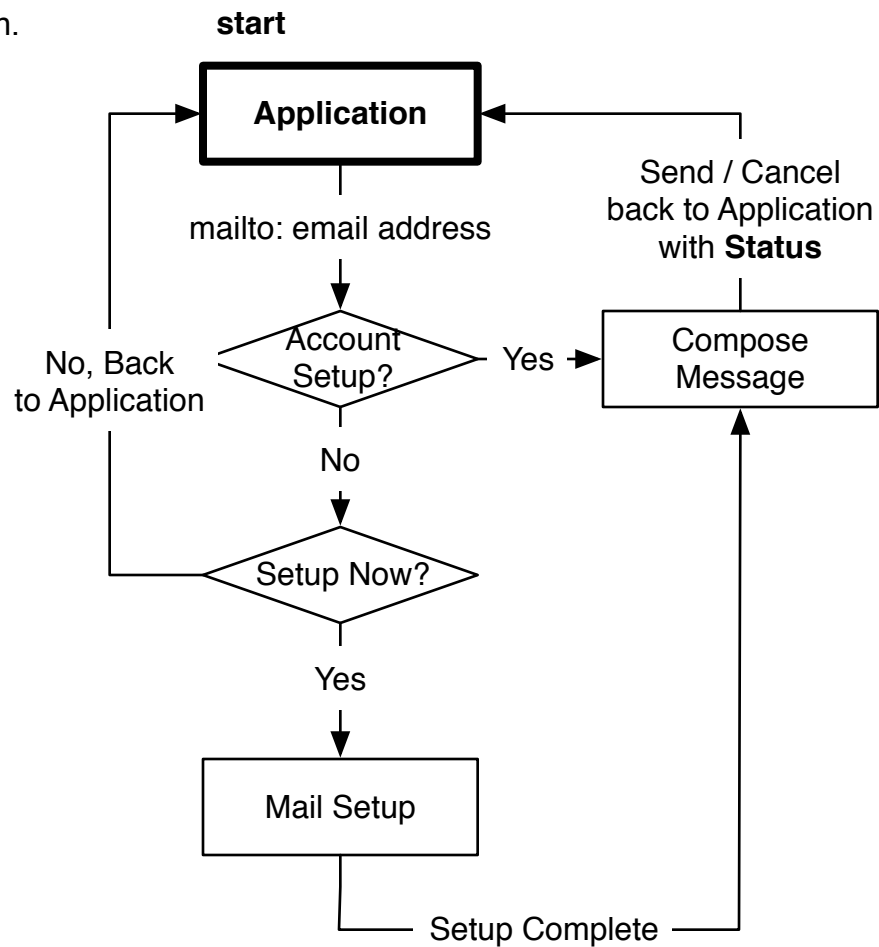
start

```
┌─────────────────┐
│   From Home     │
│     Page        │
└─────────────────┘
         │
         ▼
    ╱─────────╲
   ╱  Account  ╲  ──────────▶  ┌──────────────────┐
   ╲  Setup?   ╱               │ Mail Folder View │
    ╲─────────╱                └──────────────────┘
         │
        No
         │
         ▼
┌─────────────────┐
│   Mail Setup    │
└─────────────────┘
```
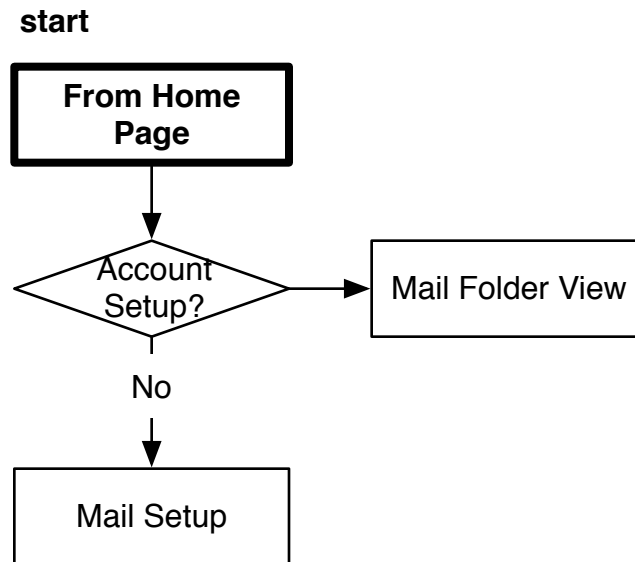
Application Entry Points

Entering mail application from another
application

This flow illustrates when you click on an
email link from within another application.

Some examples would include:

- From web browser mailto: links
- From contacts application
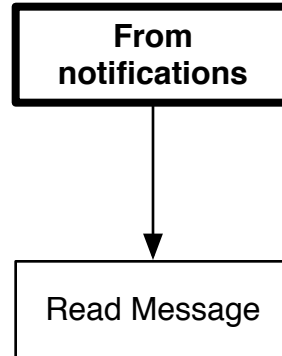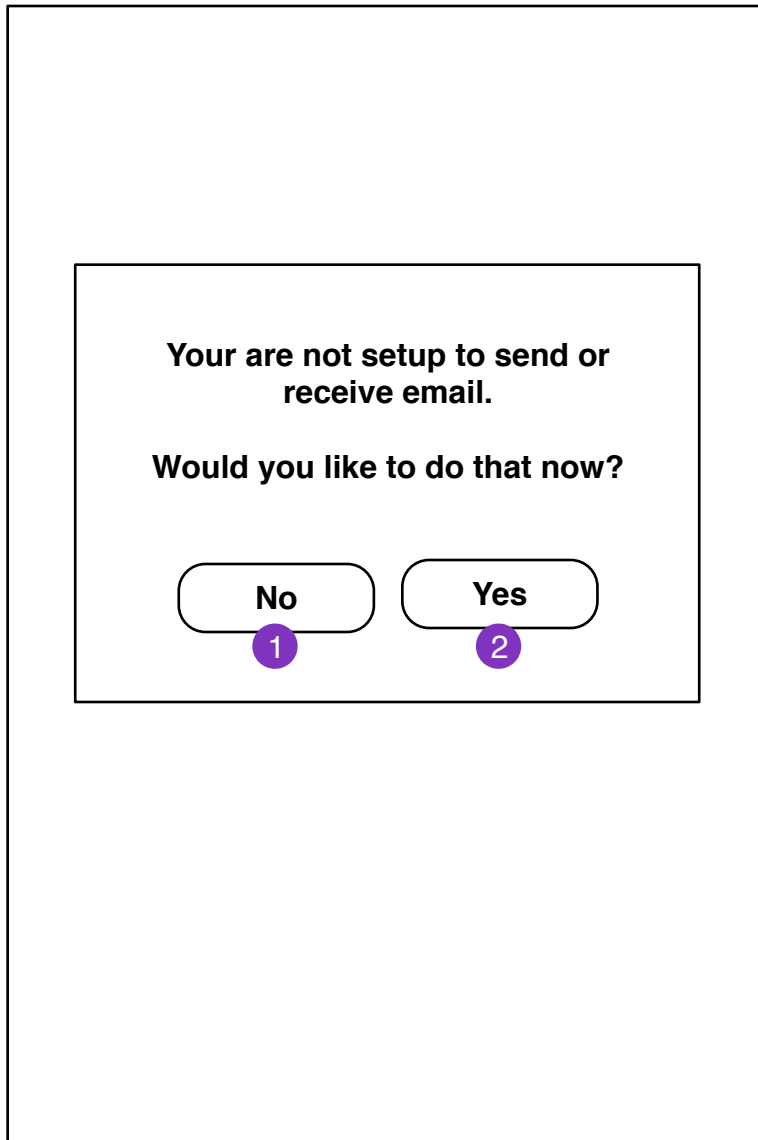- From calendar application
- From messaging application

start

```
        ┌─────────────────┐
        │   Application   │◄──────────┐
        └─────────────────┘           │
                                Send / Cancel
                              back to Application
         mailto: email address    with Status
                │
                ▼
           ◇ Account ◇────Yes──►┌──────────┐
No, Back   ◇  Setup? ◇          │ Compose  │
to Application │                │ Message  │
                │               └──────────┘
               No                     ▲
                │                      │
                ▼                      │
          ◇ Setup Now? ◇               │
                │                      │
               Yes                     │
                │                      │
                ▼                      │
        ┌─────────────┐                │
        │  Mail Setup │                │
        └─────────────┘                │
                │                      │
                └──── Setup Complete ──┘
```

Application Entry Points

New emails notifications.

Clicking new mail notification will bring the user to the latest message received.

start

```
┌─────────────────┐
│      From       │
│  notifications  │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│  Read Message   │
└─────────────────┘
```

Mail Not Setup Modal

Your are not setup to send or receive email.
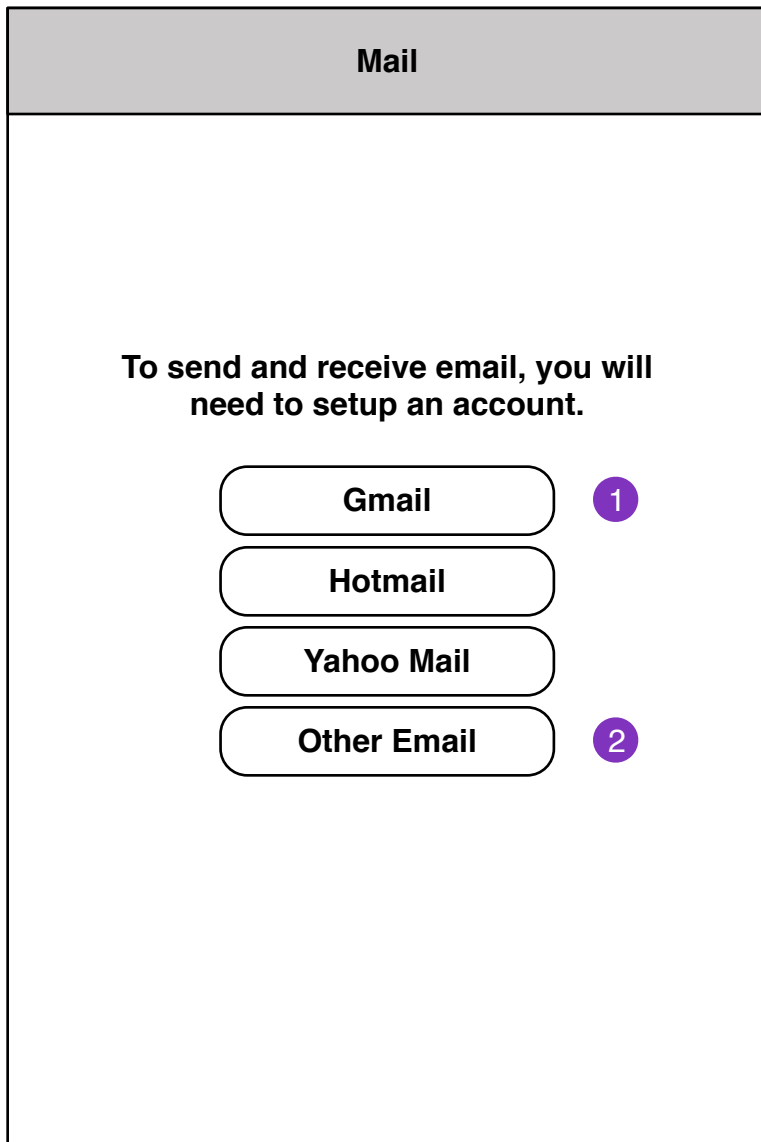
Would you like to do that now?

No

Yes

1

2

If user is not configured for mail and clicks on a email link, they will be prompted if they want to setup mail.

1. Returns user to application

2. User enters **New Account Setup** screen

New Account Setup

Mail

To send and receive email, you will need to setup an account.

Gmail   **1**

Hotmail

Yahoo Mail

Other Email   **2**

1. Webmail services

Clicking brings user to **New Account Setup Information** screen.

2. IMAP account setup **New Account Setup Information (IMAP)**

New Account Setup Details

New Gmail Account Setup

Your Gmail login information

Email ②

password

Next ③

1. Returns to **New Account Setup** screen

2. User account information (depends on service)

3. Proceed with New Account Setup

New Account Setup Details

New Gmail Account Setup

Your Gmail login information

email@email.com

***** _

1

Next

q w e r t y u i o p
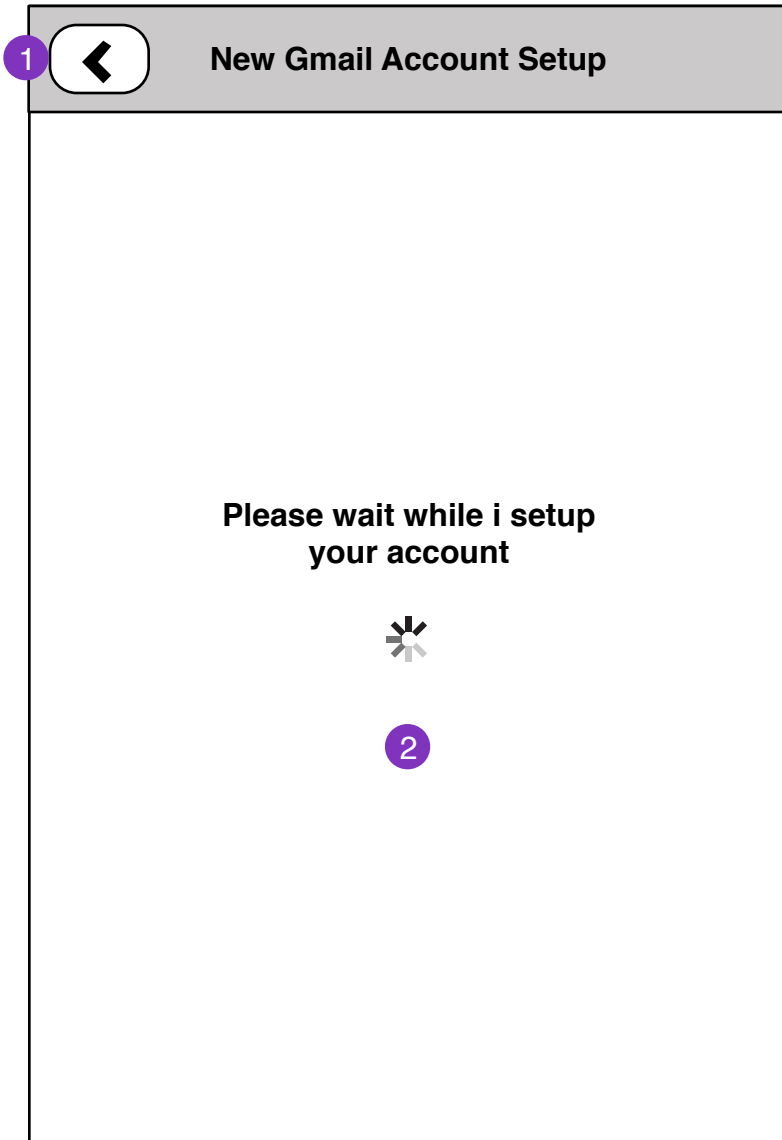
a s d f g h j k l '

shift z x c v b n m bs

123? , space . return

2

1. Passwords should be hidden (?)

2. Current selected form field highlighted. Appropriate keyboard is displayed for input type.

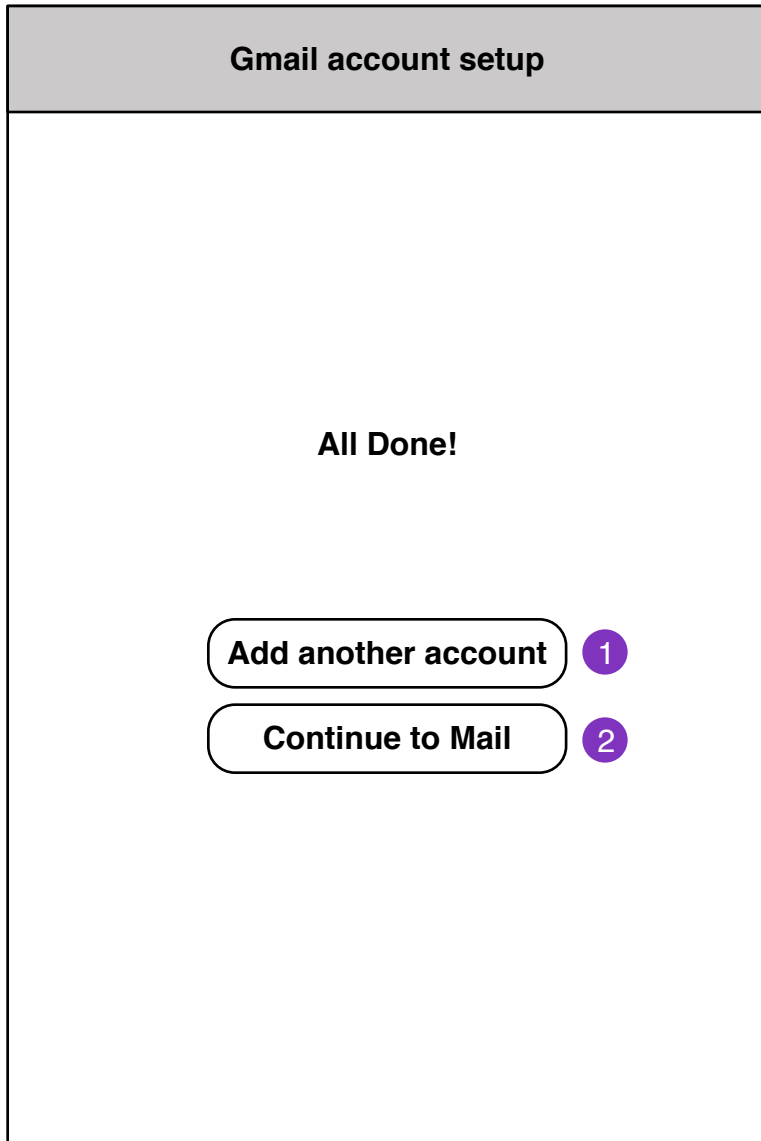**New Account Setup Progress**

New Gmail Account Setup

1

**Please wait while i setup
your account**

2

1. Cancels account setup. Returns user to **New Account Setup Details** screen

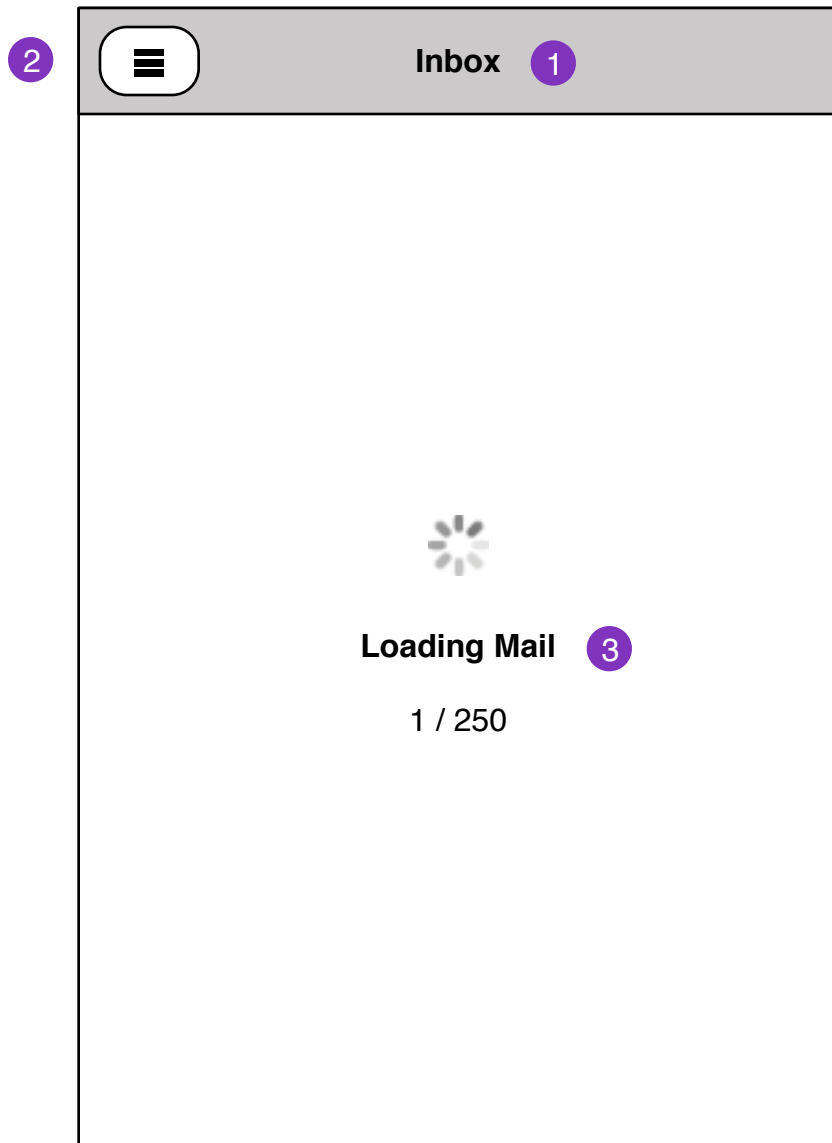2. Successful setup brings user to **New Account Setup Complete** screen

New Account Setup Complete

Gmail account setup

All Done!

Add another account 1

Continue to Mail 2

1. **New Account Setup** screen

2. **Mail Folder Loading** screen

Mail Folder Loading

```
┌─────────────────────────────────────────┐
│  ┌─────┐                                 │
│  │  ☰  │          Inbox    (1)           │
│  └─────┘                                 │
├─────────────────────────────────────────┤
│                                          │
│                                          │
│                                          │
│                                          │
│                    ☼                     │
│                                          │
│            Loading Mail    (3)           │
│                                          │
│                  1 / 250                 │
│                                          │
│                                          │
│                                          │
│                                          │
│                                          │
└─────────────────────────────────────────┘
```
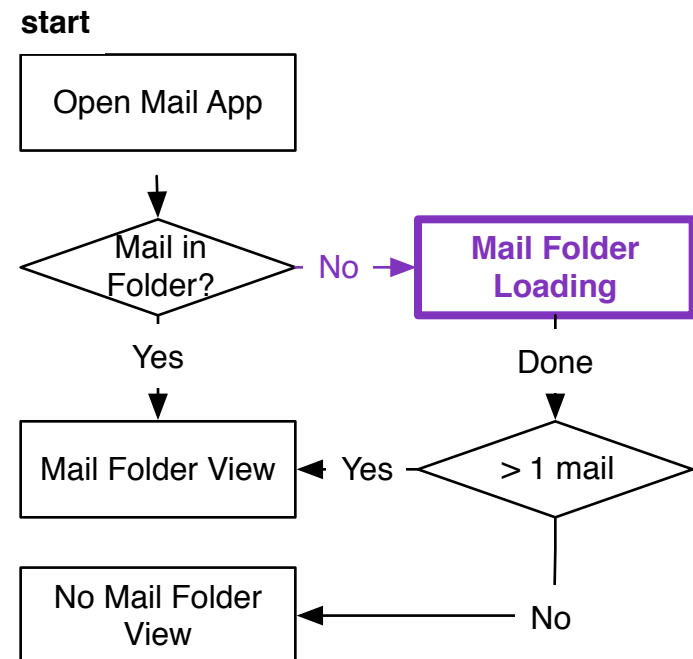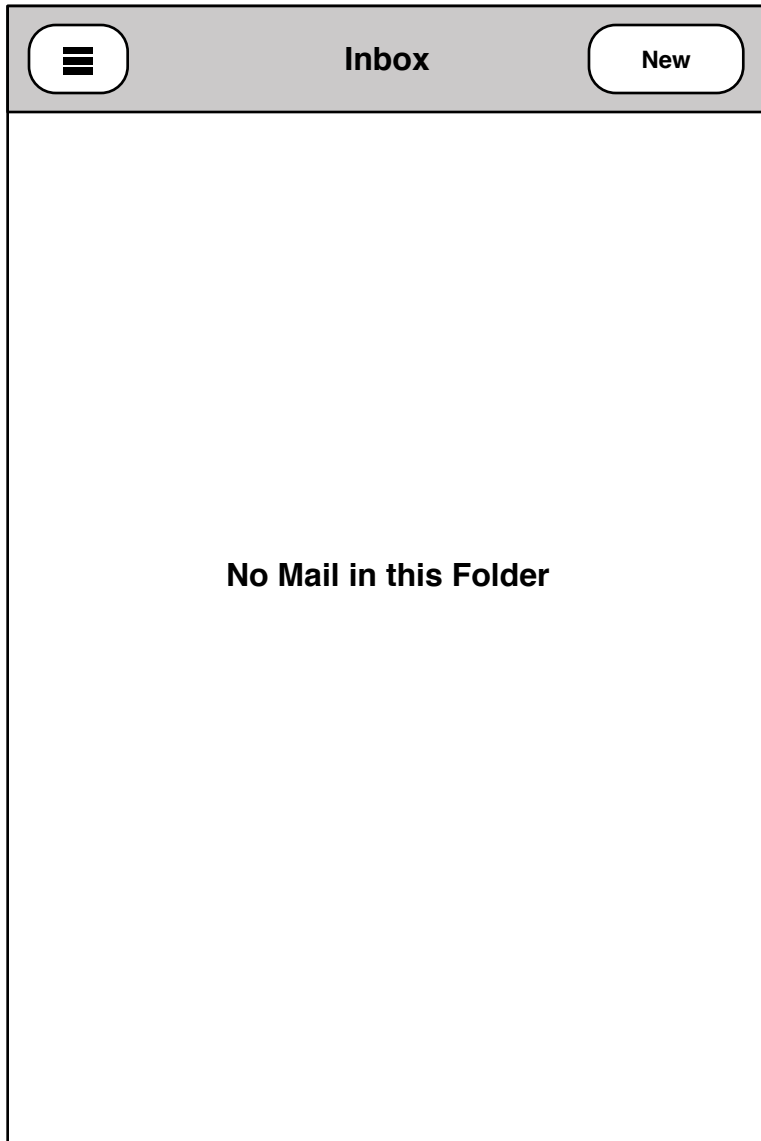
(2)

1. Current folder name (Combined Inbox should be default)

2. **Folder Select** screen

3. Mail load status will display if there are no locally cached messages for the selected folder.
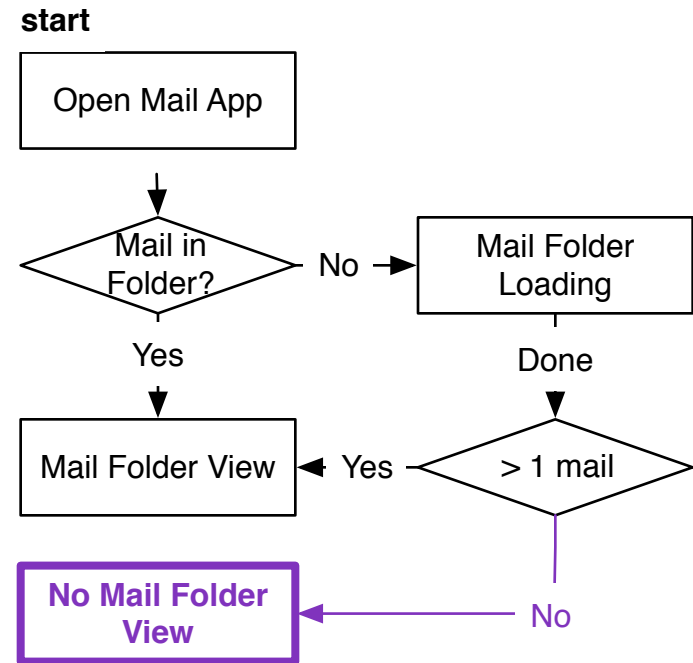
start

```
        ┌─────────────────┐
        │  Open Mail App  │
        └─────────────────┘
                 │
                 ▼
            ◇─────────◇                    ┌──────────────────┐
           ╱  Mail in  ╲      No           │  Mail Folder     │
           ╲  Folder?  ╱  ────────▶        │  Loading         │
            ◇─────────◇                    └──────────────────┘
                 │                                  │
                Yes                               Done
                 ▼                                  ▼
        ┌─────────────────┐              ◇─────────────◇
        │ Mail Folder View│◀── Yes ──────╲  > 1 mail  ╱
        └─────────────────┘               ◇─────────────◇
                                                  │
        ┌─────────────────┐                       │
        │  No Mail Folder │◀─────────────────────No
        │  View           │
        └─────────────────┘
```
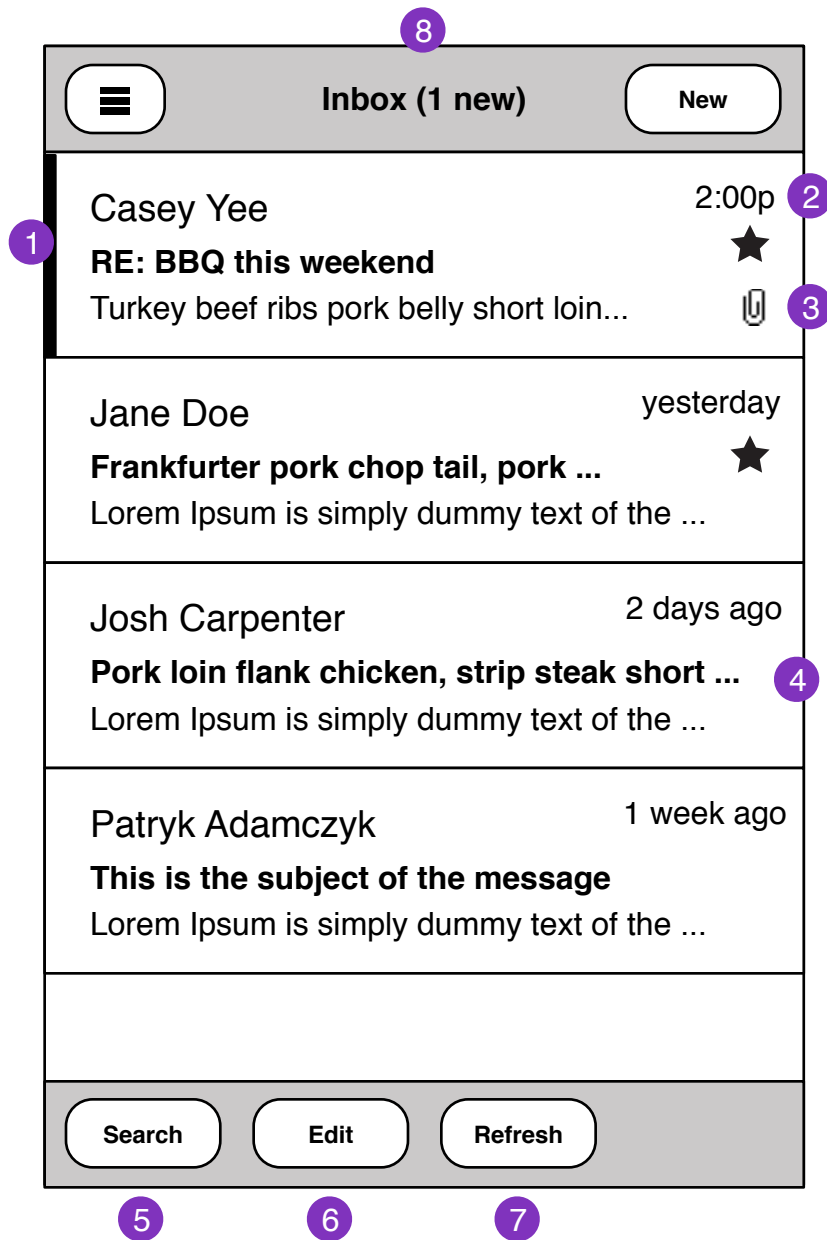
No Mail Folder

Inbox   New   (1)

No Mail in this Folder

When there is no mail in current folder

1. Compose Message

start

Open Mail App

Mail in Folder? — No → Mail Folder Loading

Yes

Mail Folder View ◄ Yes — > 1 mail

Done

No Mail Folder View ◄ No

Mail Folder

8

| ≡ | **Inbox (1 new)** | New |

1

Casey Yee   2:00p   2

RE: BBQ this weekend ★

Turkey beef ribs pork belly short loin... 📎 3

Jane Doe   yesterday

Frankfurter pork chop tail, pork ... ★

Lorem Ipsum is simply dummy text of the ...

Josh Carpenter   2 days ago

Pork loin flank chicken, strip steak short ... 4

Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk   1 week ago

This is the subject of the message

Lorem Ipsum is simply dummy text of the ...

| Search | Edit | Refresh |

5   6   7

1. Unread Message Flag

2. Received Message time should be relative to current day/time.

3. Flagged mail shows as Star. Attachments

4. Graceful truncating of subject and body text.

5. **Search** mail

6. **Edit Multiple** select

7. Check for new mail

8. Folder name should update number of unread messages in folder.

Interaction Notes:

messages within folder pane are touch-scroll

Mail Folder

Inbox (1 new)

☰   **New**

John Doe	2:00p
This is the subject of the message	★
Lorem Ipsum is simply dummy text of the ...	📎

Jane Doe	yesterday
This is the subject of the message	★
Lorem Ipsum is simply dummy text of the ...	

John Doe	2 days ago
This is the subject of the message	
Lorem Ipsum is simply dummy text of the ...	

Load more messages from server   **1**

Search   **Edit**   **Refresh**
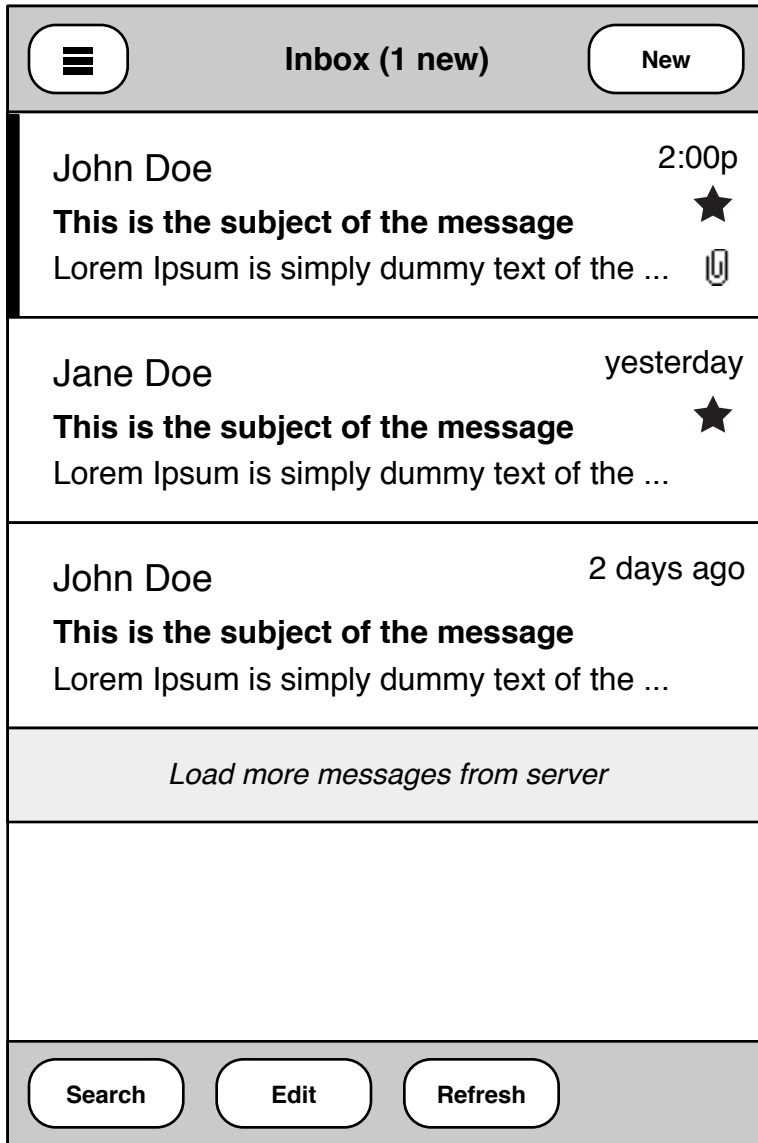
1. When user reaches bottom of message pane, A option to load more messages from server.

Message loading status:

Loading 50 / 100 Messages ✳
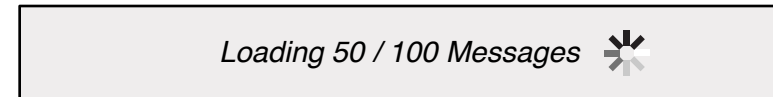
Once messages are loaded, they should fill in-line with existing messages.

Mail Folder Edit Single

Inbox (1 new)   New

John Doe   2:00p
This is the subject of the message ★
Lorem Ipsum is simply dummy text of the ... 📎

Jane Doe   yesterday
This is the subject of the message ★
Lorem Ipsum is simply dummy text of the ...

② ③ ④ ⑤
Flag   Mark   Move   Del
①

John Doe   1 week ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

Search   Edit   Refresh
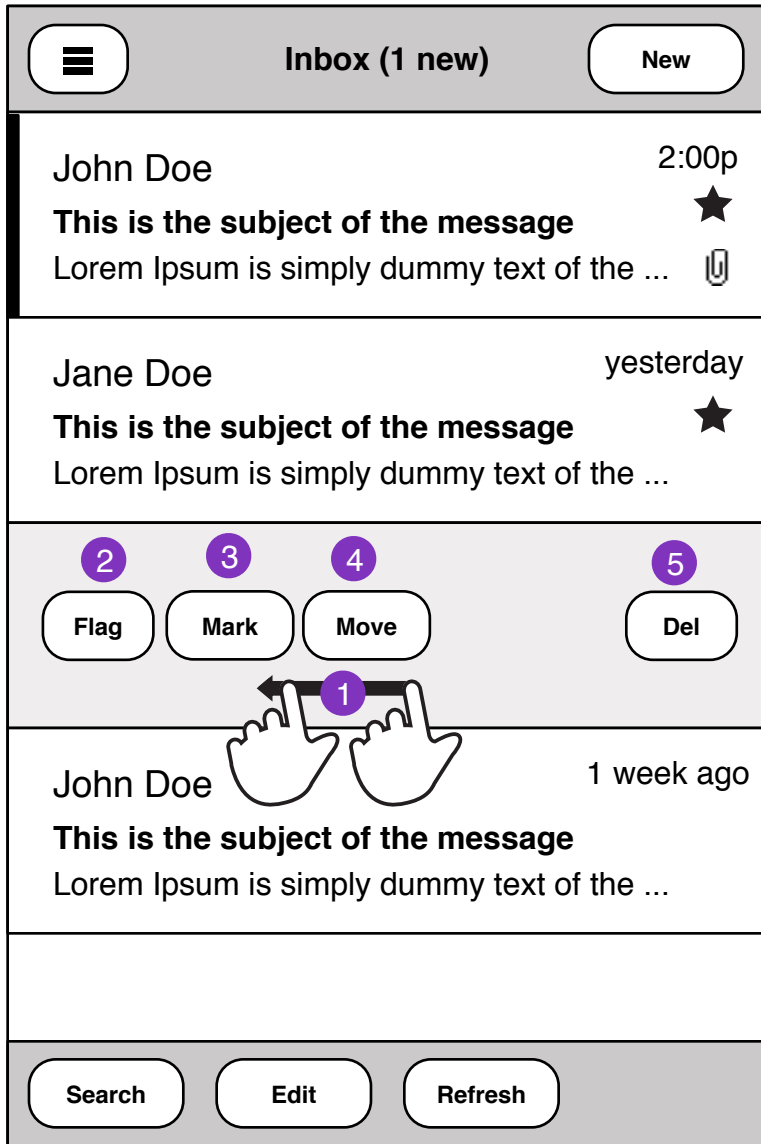
1. Swipe message to reveal/hide edit actions on Mail. Only a single Edit can happen at any given time.

2. Flag Message

3. Mark Unread / Read, As Spam

Mark

Mark as Read

Mark as Unread

Mark as Spam
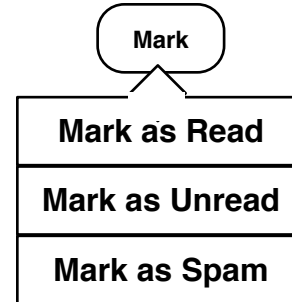
4. Move - Shows **Folder Selec**t view. Once a target folder is selected, Message will be moved. **Status** displays on commit

Move process flow:

Select Folder → Move message → Mail Folder view + **Status**
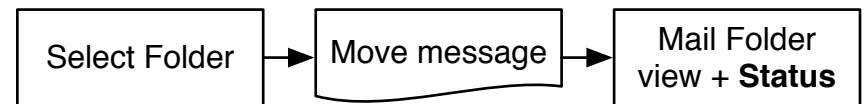
4. Delete - Message will be deleted, **Status** displays on commit

Interaction Notes:
Swipe message to reveal is subject to change based on System UI patterns

Mail Folder Edit Multiple

Inbox (2 selected)

John Doe — 2:00p
☑ **This is the subject of the message**
Lorem Ipsum is simply dummy text of the .⃞

Jane Doe — yesterday
☑ **This is the subject of the message** ★
Lorem Ipsum is simply dummy text of the ...

John Doe — 2 days ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe — 1 week ago
☐ **This is the subject of the message**
Lorem Ipsum is simply dummy text of the ...

Flag   Mark   Move   Del

1. Swipe messages edge reveals/hides multi edit select checkboxes. This allows the user to select multiple messages for batch edit operation.

2. Cancels multi-edit. returns to **Mail Folder** view

3. Edits applied to selected messages. Committing edits show in **Status**

4. Folder name shows number of selected messages.

Mail Folder Status

Inbox (1 new) — screen

| ☰ | **Inbox (1 new)** | New |

John Doe   2:00p ★
This is the subject of the message
Lorem Ipsum is simply dummy text of the ... 📎

Jane Doe   yesterday ★
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe   2 days ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe   1 week ago
This is the subject of the message
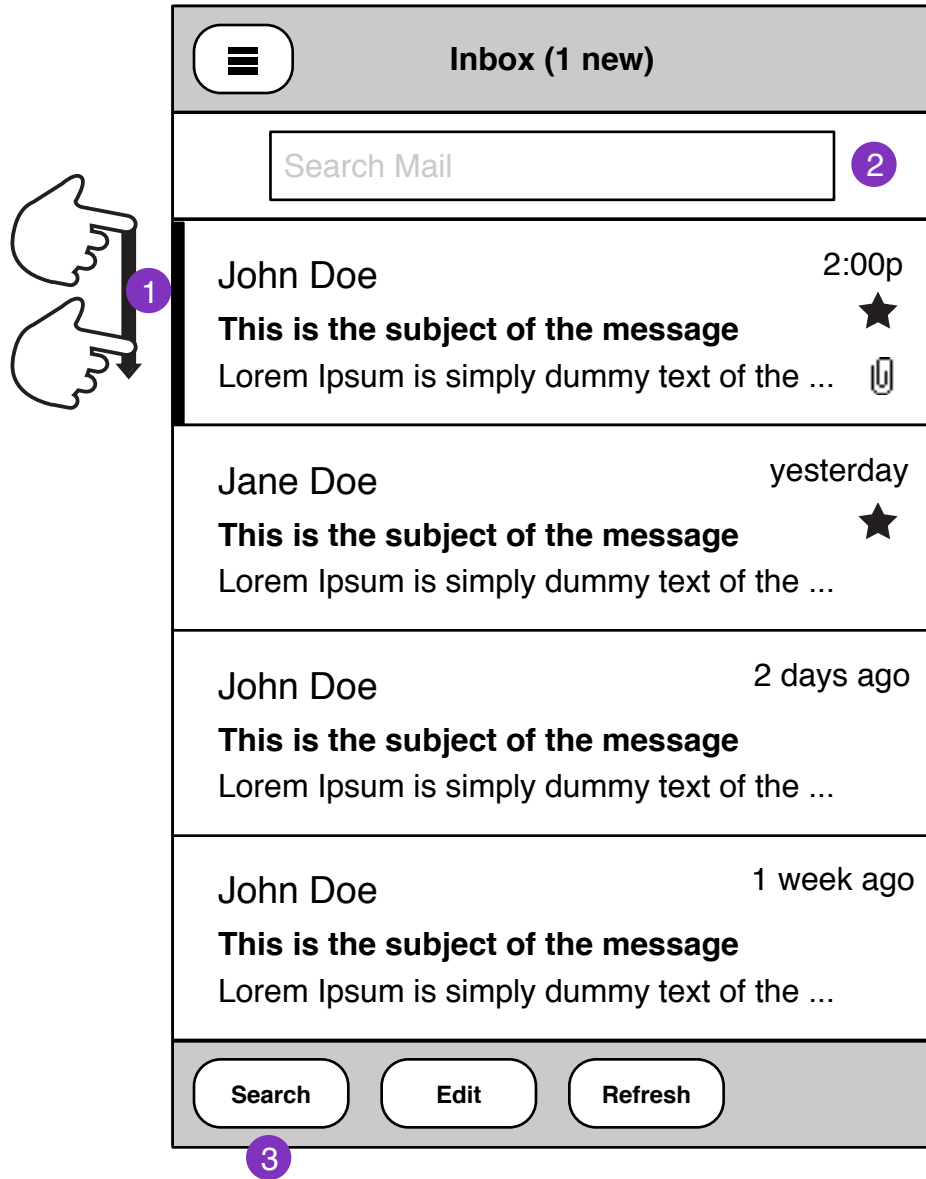Lorem Ipsum is simply dummy text of the ...

6 messages moved   Undo ↩

Search   Edit   Refresh

Status bars

6 messages moved   Undo ↩
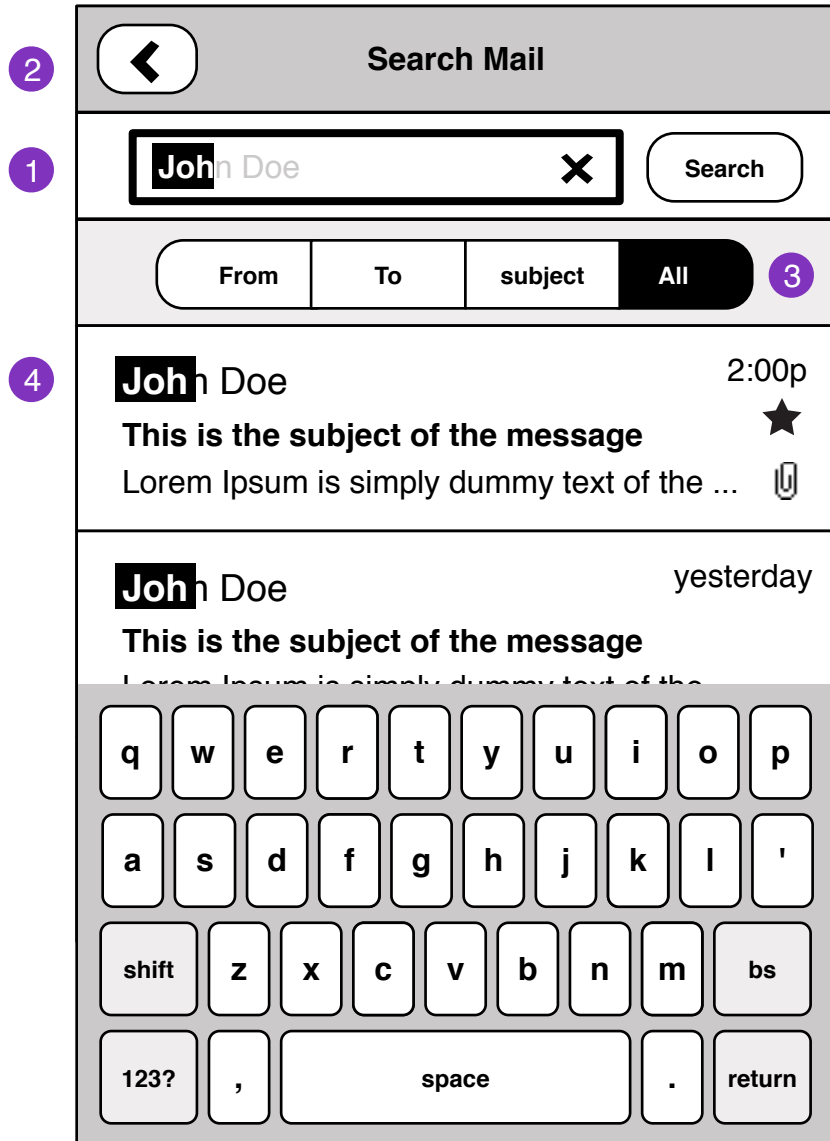
Sending Message   ✳

Send Message Failed   Try Again ↻

Mail Search

Inbox (1 new)

Search Mail

John Doe   2:00p
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

Jane Doe   yesterday
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe   2 days ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe   1 week ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

Search   Edit   Refresh

1. Mail search UI can be pulled down at top of messages folder pane.

2. As soon as Search Mail field is focused, Mail **Search Controls** view is initiated.

3. Mail Search Controls can be initiated with the Search button

Mail Search Controls

Search Mail

| From | To | subject | **All** |

John Doe — 2:00p
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe — yesterday
This is the subject of the message
Lorem Ipsum is simply dummy text of the...

Keyboard:
q w e r t y u i o p
a s d f g h j k l '
shift z x c v b n m bs
123? , space . return

---

1. Search text field.

Interaction notes:
- Search field auto-completes as you type.
- Pressing 'X" at the end of the field, clears the search field.

2. Exits mail search and returns user back to **Mail Folder** view

3. Search filters
All - searches *Subject*, *From* and *To* mail fields

4. Substring highlights in results

Possible User configurable search Options:

Search Settings	
Search in Sub-folders	☐
Search in Sent	☐
Search in Deleted	☐

Mail Search Controls

Search Mail

| Joh n Doe | ✕ | Search |

| From | To | subject | **All** |

Joh n Doe   2:00p
★
This is the subject of the message
Lorem Ipsum is simply dummy text of the ... 📎

Joh n Doe   yesterday
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

John Doe   2 days ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

Search on server

Edit   Refresh
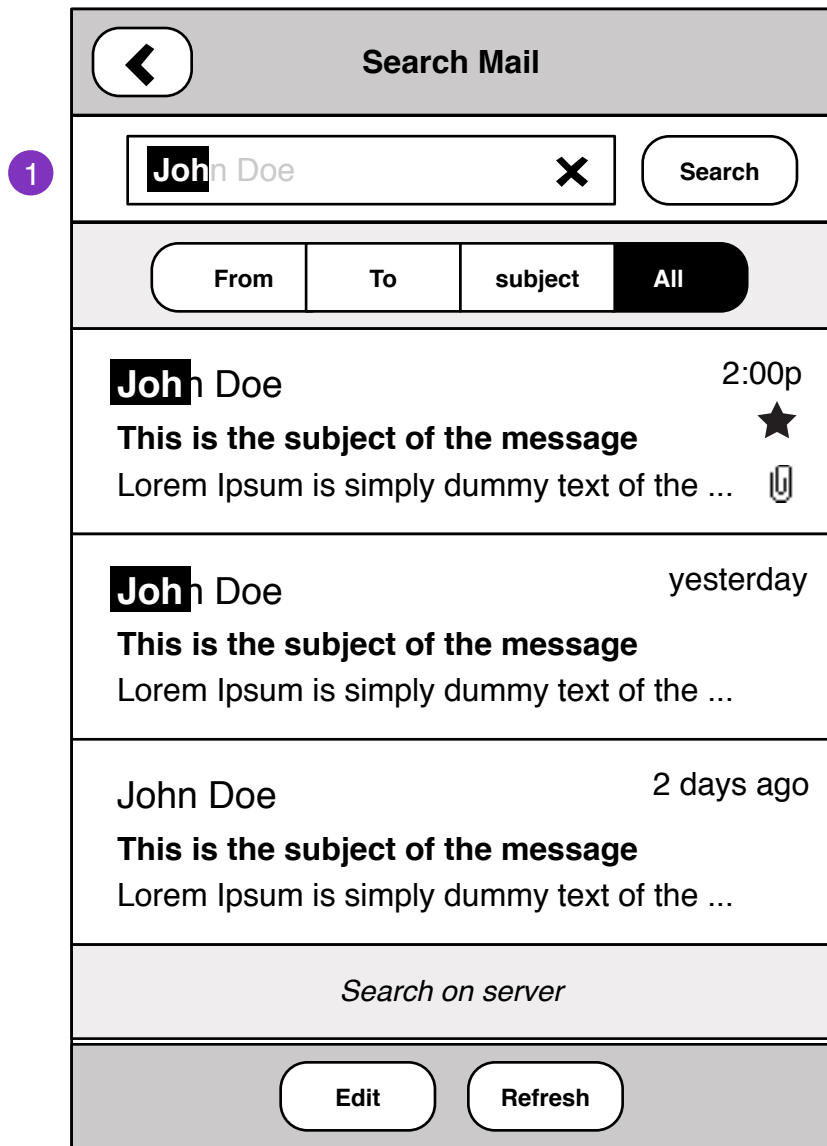
1 1. Moving focus away from search text field hides keyboard

2 2. Click option to load search results from Server

Search server status:

| *Searching on server* ✳ |
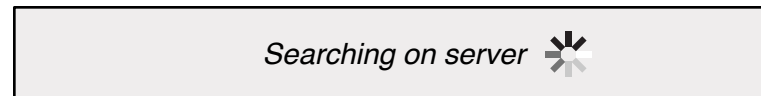
Once messages are loaded, they will fill in-line with existing search results.
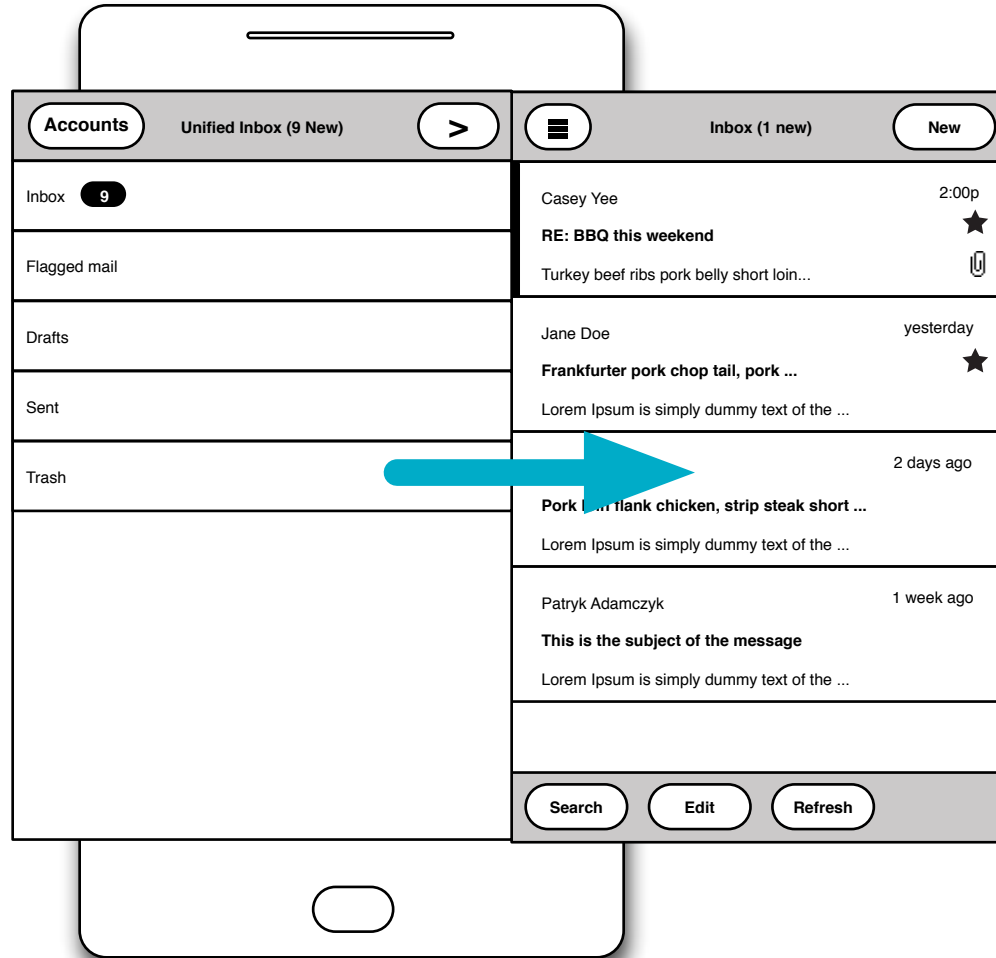
Selecting a Messages Folder

Mail Folder Navigation

Click Folders icon

Inbox (1 new)   New
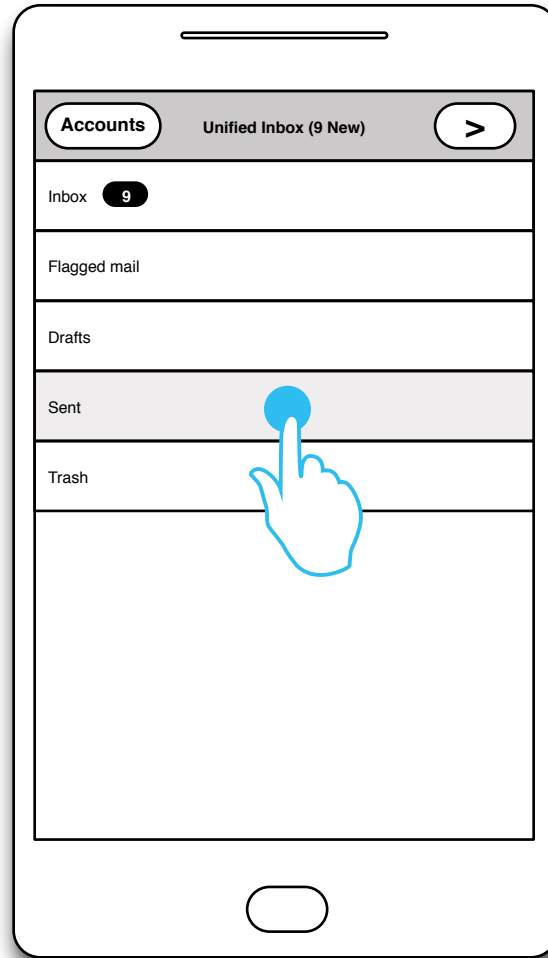
2:00p
★

s weekend

Tu... ribs pork belly short loin... 📎

Jane Doe   yesterday
Frankfurter pork chop tail, pork ...   ★

Lorem Ipsum is simply dummy text of the ...

Josh Carpenter   2 days ago
Pork loin flank chicken, strip steak short ...

Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk   1 week ago
This is the subject of the message

Lorem Ipsum is simply dummy text of the ...

Search   Edit   Refresh

Mail Folder Navigation

Messages panel slides out
Folders panel slides in

Accounts   Unified Inbox (9 New)   **>**

Inbox   **9**

Flagged mail

Drafts

Sent

Trash

☰   Inbox (1 new)   **New**

Casey Yee   2:00p
★
RE: BBQ this weekend
📎
Turkey beef ribs pork belly short loin...

Jane Doe   yesterday
★
Frankfurter pork chop tail, pork ...

Lorem Ipsum is simply dummy text of the ...

2 days ago

Pork loin flank chicken, strip steak short ...

Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk   1 week ago

This is the subject of the message

Lorem Ipsum is simply dummy text of the ...

Search   **Edit**   **Refresh**

Mail Folder Navigation

Select mail folder

Accounts	**Unified Inbox (9 New)**	**>**

Inbox **9**

Flagged mail

Drafts

Sent

Trash

Mail Folder Navigation

| Accounts | Unified Inbox (9 New) | > |

Inbox **9**

Flagged mail

Drafts

Sent

Trash

| ☰ | Sent | New |

Casey Yee — 2:00p ★
RE: BBQ this weekend 📎
Turkey beef ribs pork belly short loin...

Jane Doe — yesterday ★
Frankfurter pork chop tail, pork ...
Lorem Ipsum is simply dummy text of the ...

2 days ago
Pork loin flank chicken, strip steak short ...
Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk — 1 week ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

| Search | Edit | Refresh |

Folders panel slides out
Messages panel slides in

Mail Folder Navigation

☰	**Sent Messages**	New

Casey Yee   2:00p ★

RE: BBQ this weekend 📎

Turkey beef ribs pork belly short loin...

Jane Doe   yesterday ★

Frankfurter pork chop tail, pork ...

Lorem Ipsum is simply dummy text of the ...

Josh Carpenter   2 days ago

Pork loin flank chicken, strip steak short ...

Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk   1 week ago

This is the subject of the message

Lorem Ipsum is simply dummy text of the ...

Search	Edit	Refresh

Messages for new folder selection

Selecting another Account

Accounts Navigation

Click Folders icon

| Sent Messages | New |

2:00p ★

s weekend
Tu... ribs pork belly short loin... 📎

Jane Doe   yesterday
Frankfurter pork chop tail, pork ...   ★
Lorem Ipsum is simply dummy text of the ...

Josh Carpenter   2 days ago
Pork loin flank chicken, strip steak short ...
Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk   1 week ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

| Search | Edit | Refresh |

Mail Folder Navigation

Messages panel slides out
Folders panel slides in

Accounts | Unified Inbox (9 New) | **>**

Inbox **9**

Flagged mail

Drafts

Sent

Trash

☰ | Inbox (1 new) | **New**

Casey Yee | 2:00p
RE: BBQ this weekend | ★
Turkey beef ribs pork belly short loin... | 📎

Jane Doe | yesterday
Frankfurter pork chop tail, pork ... | ★
Lorem Ipsum is simply dummy text of the ...

| 2 days ago
Pork loin flank chicken, strip steak short ...
Lorem Ipsum is simply dummy text of the ...

Patryk Adamczyk | 1 week ago
This is the subject of the message
Lorem Ipsum is simply dummy text of the ...

Search | **Edit** | **Refresh**

Mail Folder Navigation

Click to Accounts button

Accounts   Unified Inbox (9 New)   >

Inbox

Flagged

Drafts

Sent

Trash

Mail Folder Navigation

Accounts	>
Unified Account	
john.doe@gmail.com	
jdoe@hotmail.com	

Settings	New Account

Accounts	Unified Inbox (9 New)	>
Inbox	**9**	
Flagged mail		
Drafts		
Sent		
Tra		

Folders panel slides out
Account Panel slides in

Mail Folder Navigation

Accounts

>

Unified Account

john.doe@gmail.com

jdoe@hotmail.com

Settings

New Account
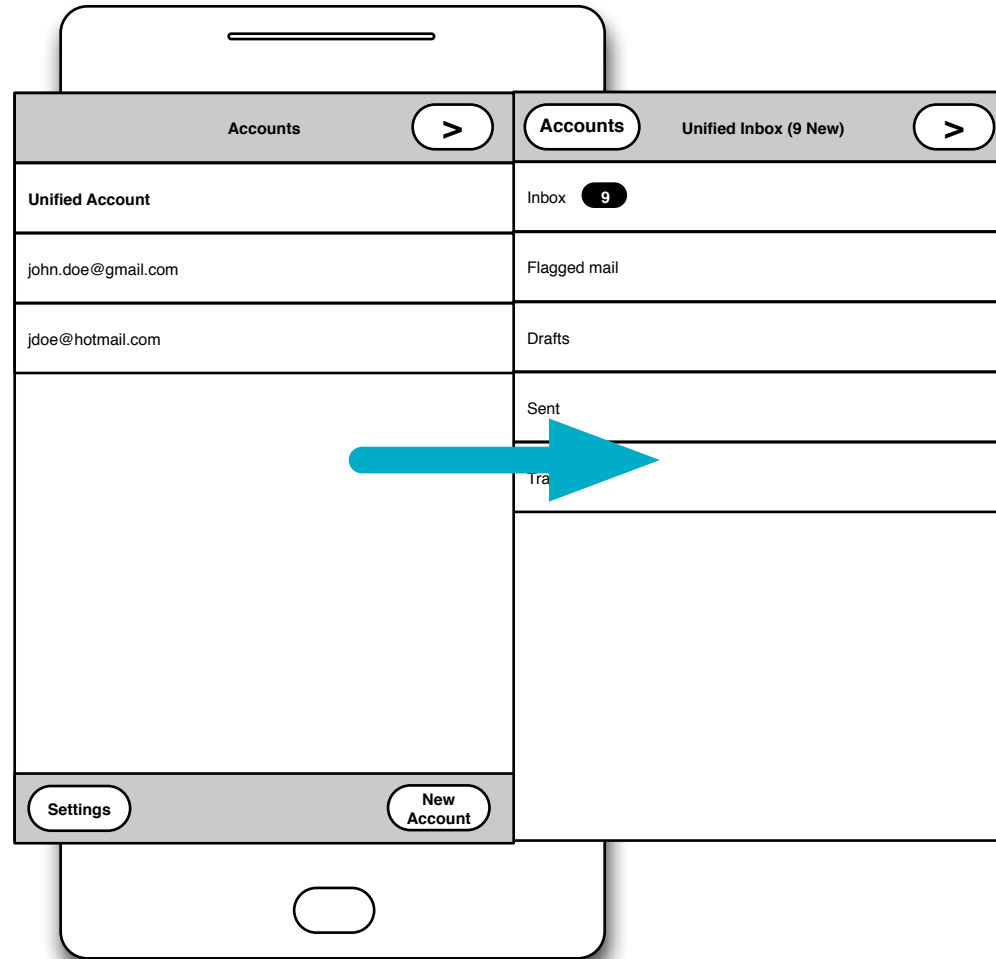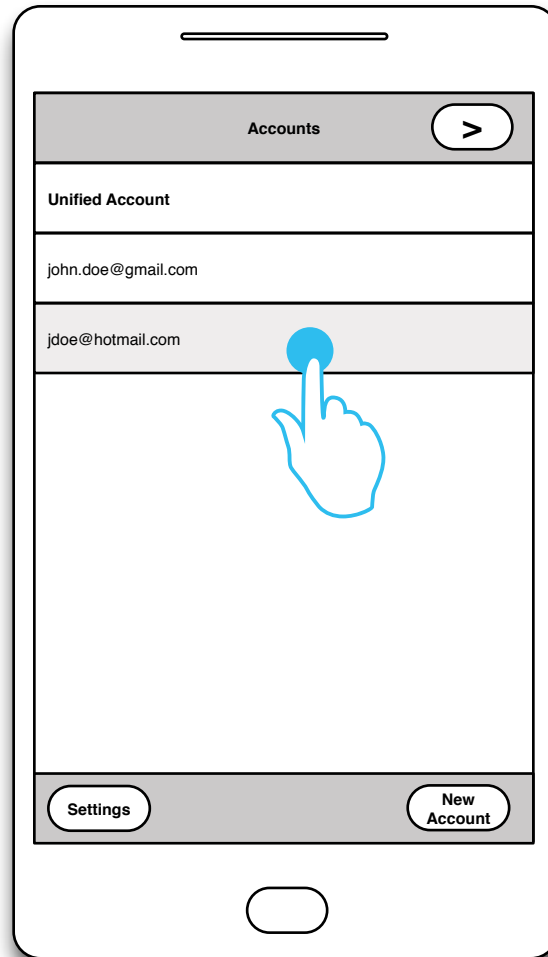
Click account name

Mail Folder Navigation

Accounts	>
Unified Account	
john.doe@gmail.com	
jdoe@hotmail.com	

Settings		New Account

Accounts	Unified Inbox (9 New)	>
Inbox	**9**	
Flagged mail		
Drafts		
Sent		
Trash		
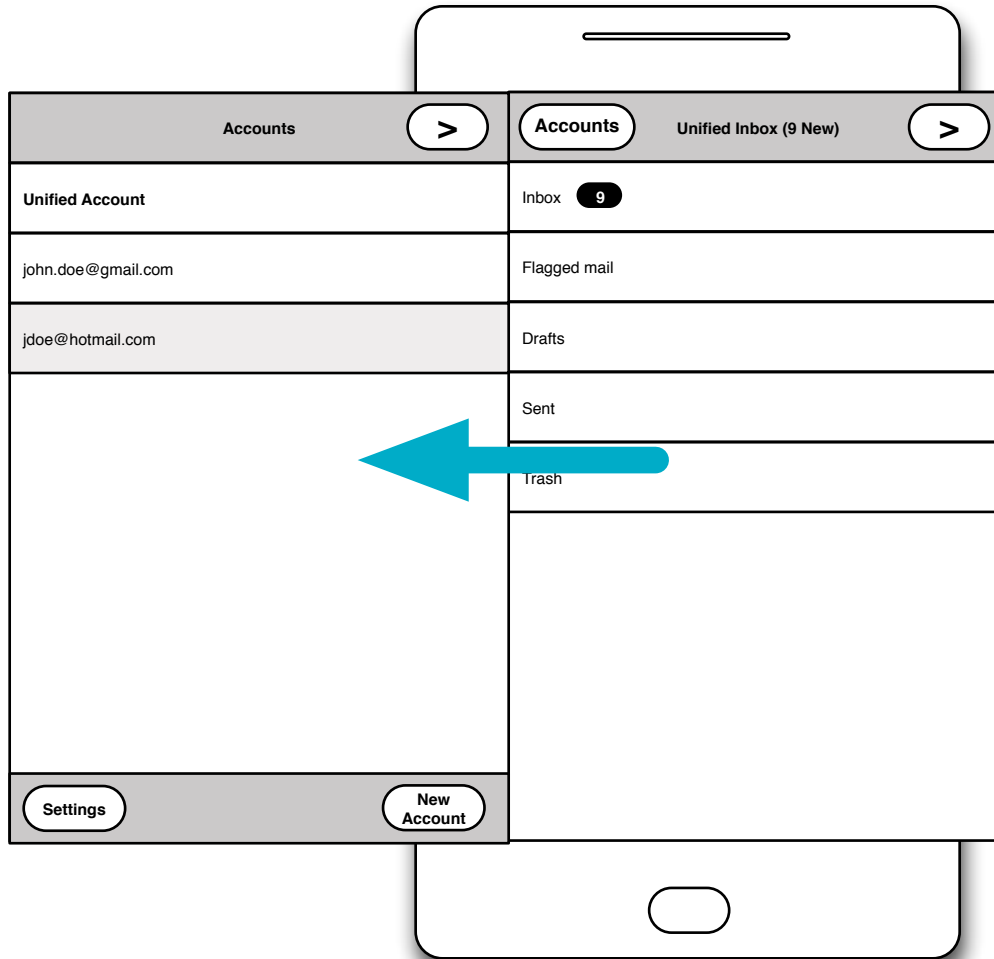
Accounts panel slides out
Folder Panel slides in

Mail Folder Navigation

Accounts	jdoe@hotmail.com Inbox	**>**

Inbox **9**

Flagged mail

Drafts

Sent

Trash
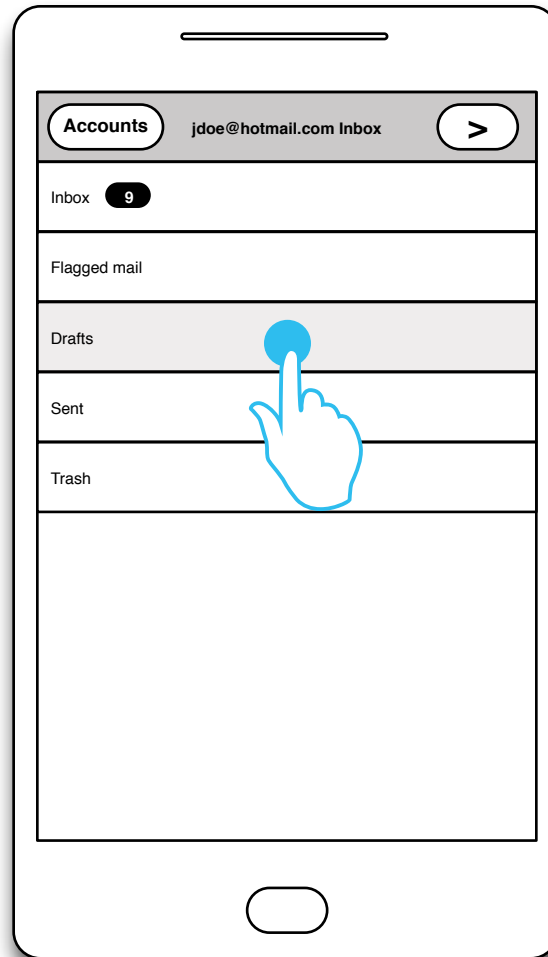
Select folder to view messages

Folder Select
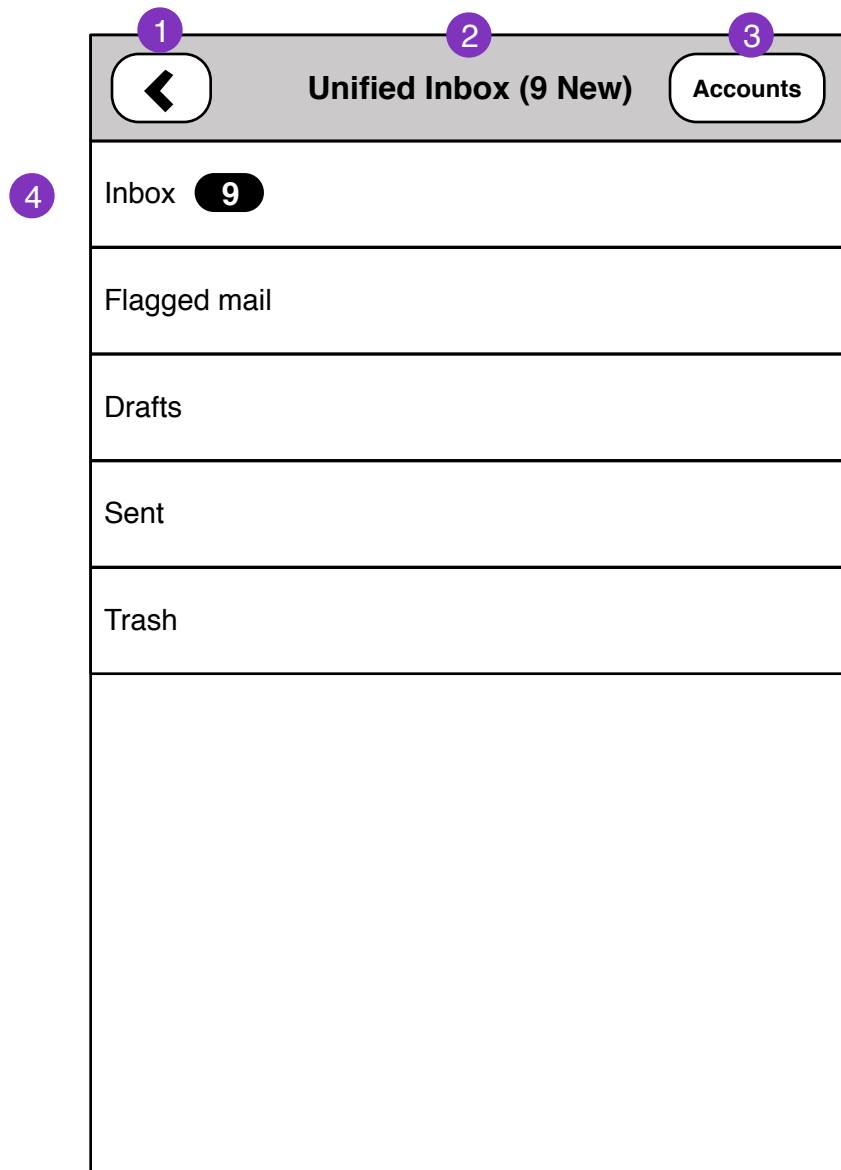
①	
②	
③	

< Unified Inbox (9 New)   Accounts

④ Inbox   **9**

Flagged mail

Drafts

Sent

Trash

start

Mail Folder VIew	→	**Folder Select**	→	Account Select
Message Edit **Move**	↗			↓
				Account Settings

UI Notes:
- There are several ways we can choose to approach the UI application of this view.

1. Modal window
2. Slide in off-screen from left.

The UI application will effect top bar navigation.

Account Select

Accounts

(1) Unified Account

(2)

(3) john.doe@gmail.com

jdoe@hotmail.com

Settings

New Account

(4) **(5)**
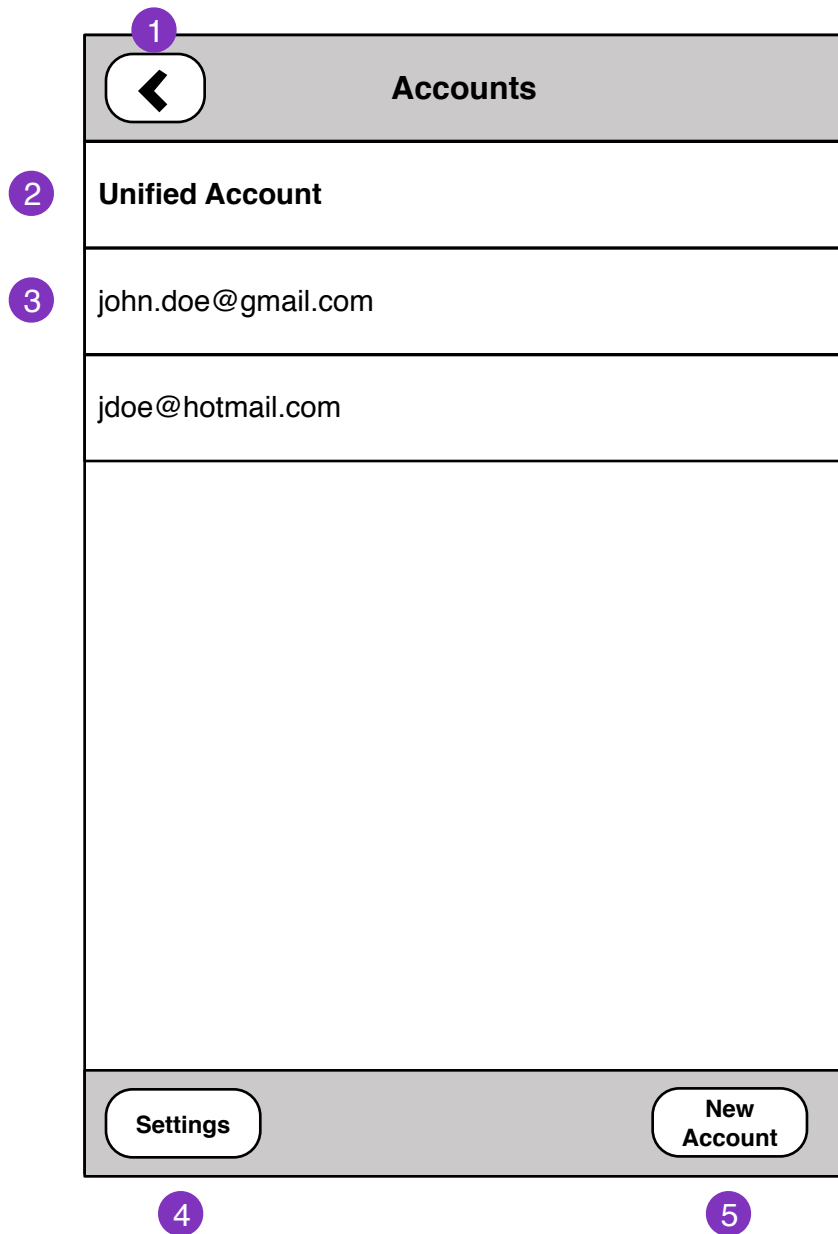
1. Returns to **Mail Folder Select** view

2. Unified Account is aggregate of Mail Folders from all Accounts added.

Standard Mail Folders that should be unified:
Inbox, Drafts, Sent, Trash

3. Selecting account returns to **Mail Folder Select** for Account selected.

4. **Account Settings** view

5. **New Account Setup** view

start
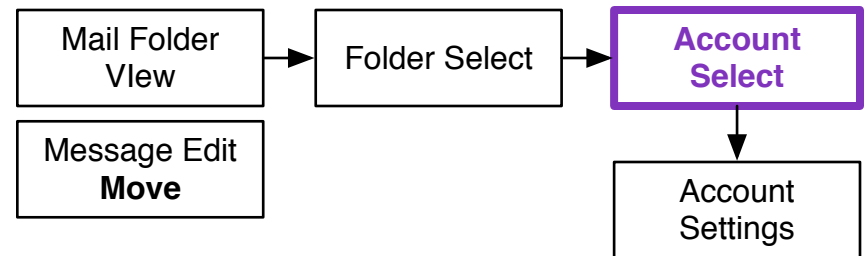
| Mail Folder VIew | → | Folder Select | → | **Account Select** |

| Message Edit **Move** |

Account Settings

Compose Message

Screen wireframe

(1) ◀

Compose Message   Send **(2)**

To   [John Doe **(3)**]   **+**

Subject   **Lots to talk about.**   **(4)**

(6)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.   **(5)**

```
q  w  e  r  t  y  u  i  o  p
 a  s  d  f  g  h  j  k  l  '
shift  z  x  c  v  b  n  m  bs
123?  ,    space    .  return
```

Annotations

Entry Points:
- From External application (mailto: email address)
- External application with attachment. See **Compose Message Attachment**
- From Mail app

1. Back to Last View

2. Send Message, returns user back to **Folder view** with **Status**

3. Recipients

Remove:

[John Doe]

Delete
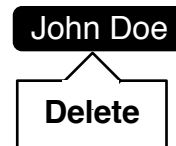
4. Subject

5. Message body
- Plain text only

6. Tapping head toggles **Compose Details** view

Compose Message

Compose Message	Send

To: **John Doe** Jan_ (1) ➕ (2)

thumb	**Jane Doe** jane@gmail.com
thumb	**Janet Lin** janet@yahoo.com

Subject

Lorem Ipsum ... ...ting and typese... ...een the industry... ...e the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

q	w	e	r	t	y	u	i	o	p

a	s	d	f	g	h	j	k	l	'

shift	z	x	c	v	b	n	m	bs

123?	,	space	.	return

1. Inline auto-complete contact with substring highlight.

2. Add recipient by Contacts browser, or substring search.

Add Recipient

Search

A		A
thumb	**Adam Shelly** adam.s@gmail.com	B C D
B		E F
thumb	**Blake Martin** bmartin@martin.com	G H I J
thumb	**Ben Franklin** ben.f@us.gov	K L M

Add Recipient

Jane Doe ✖

thumb	**Ja**ne Doe jane@gmail.com
thumb	**Ja**net Lin janet@yahoo.com

Compose Message Details

	Compose Message	Send

To [John Doe] +

cc [ ] +

cc [ ] +

Subject [**Lots to talk about**]

1

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book

q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	'

shift | z | x | c | v | b | n | m | bs

123? | , | space | . | return

1. Additional Mail fields are revealed when mail header sections are tapped.

Compose Message Attachment

Compose Message

[◀] **Compose Message** (Send)

To [John Doe] [+]

Subject [**Lot's to talk about**]

📎 [thumb] **Photo (35kb)** (1)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen

| q | w | e | r | t | y | u | i | o | p |

| a | s | d | f | g | h | j | k | l | ' |

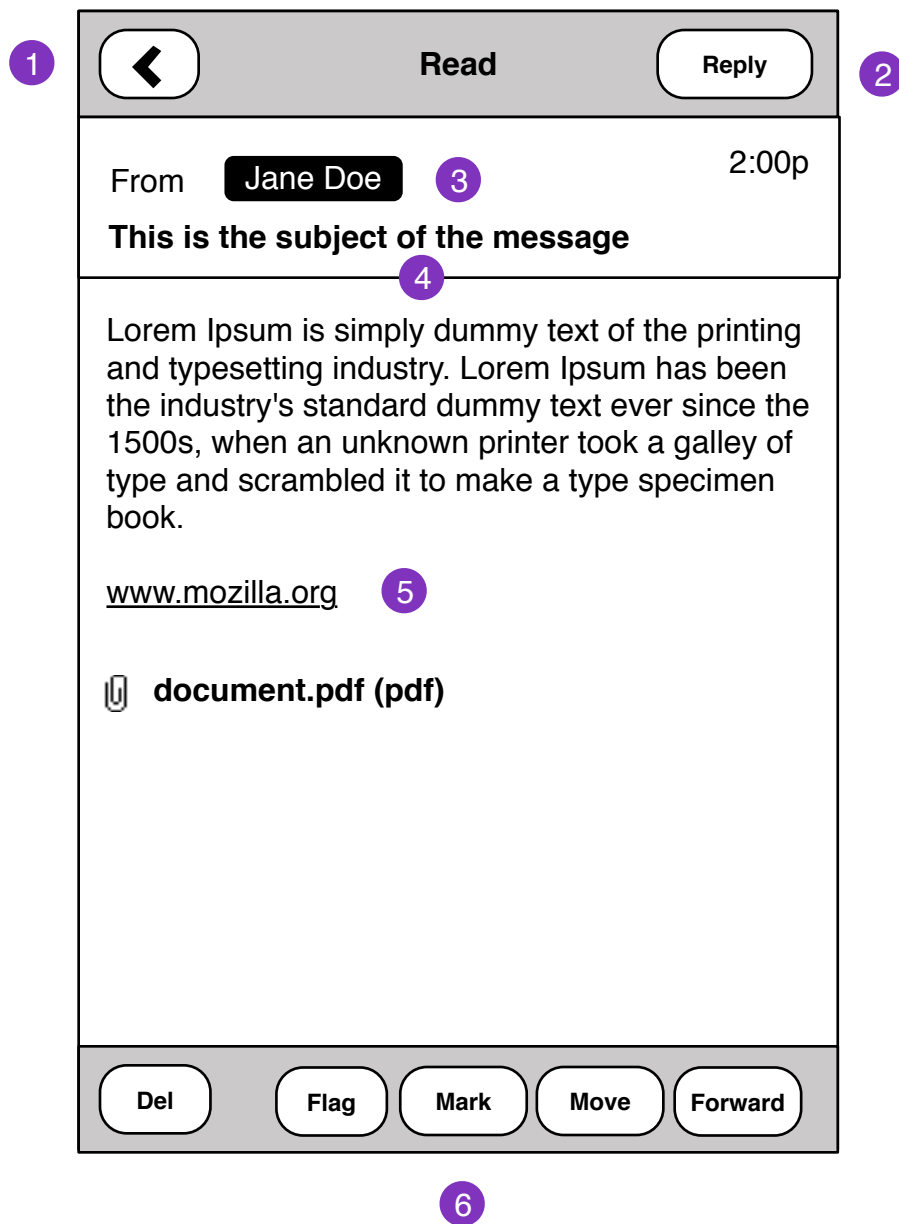| shift | z | x | c | v | b | n | m | bs |

| 123? | , | space | . | return |

Emails with attachments are initiated from other applications.

1. attachments can be any kind of media. size of attachment and thumbnail where possible.

Tapping on attachment to delete from message.

📎 [thumb] **Photo (35kb)**

Delete

Read Message

Read

< | **Read** | Reply

From Jane Doe 2:00p

This is the subject of the message

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

www.mozilla.org

📎 **document.pdf (pdf)**

Del | Flag | Mark | Move | Forward

Entry Points:
- Mail Folders
- Notifications

1 Back to last view

2. Reply to message

3. Clicking on Contact

Jane Doe

View Contact
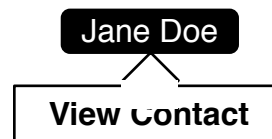
4. Tapping head shows **Read Message Details** screen

5. Email text should be actionable on Click.

- Links should open to Browser
- Email addresses should open **Compose Message**
- Phone numbers should open in Dialer

6. Message Edit Options

Read Message Details

◀	**Read** Reply

From   **Jane Doe**   2:00p

To   **John Doe**

cc   **Benjamin Franklin**   **1**

bcc   **George**

This is the subject of the message

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

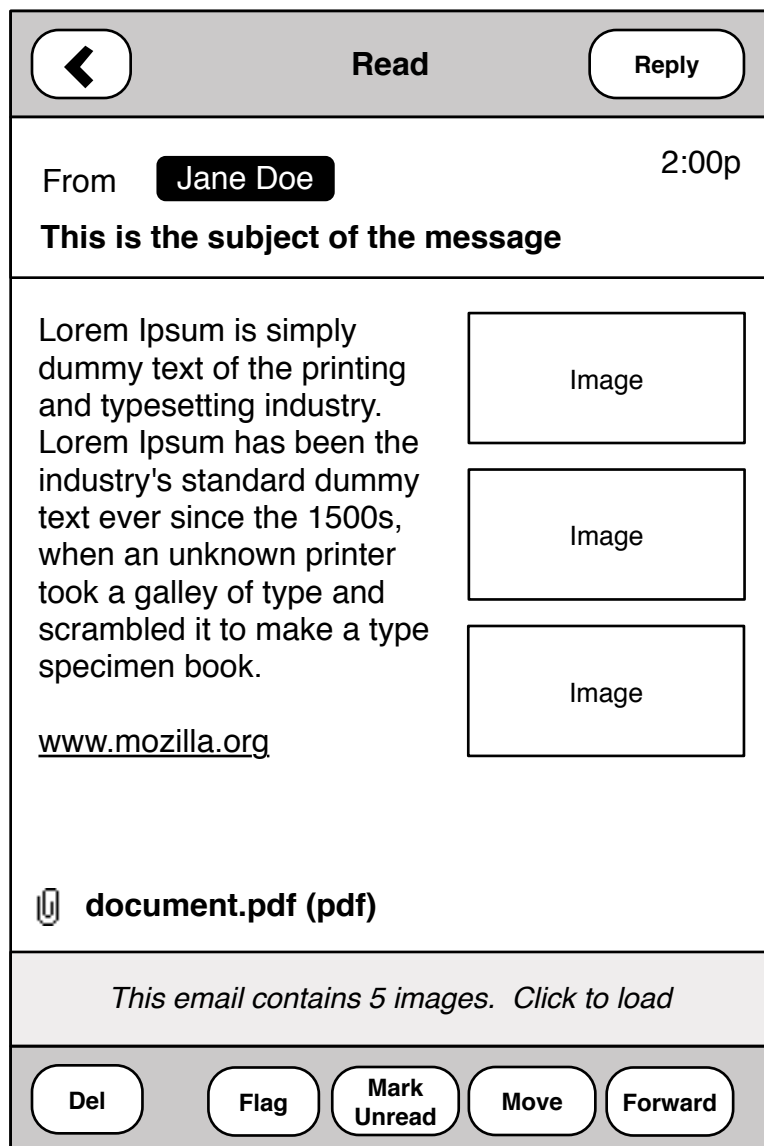www.mozilla.org

📎 **document.pdf (pdf)**   **2**

Del		Flag	Mark Unread	Move	Forward

1. Additional email message details
cc, bcc

2. Attachments should download and launch appropriate message.

📎 **document.pdf (pdf)**

Download and Open

Read HTML Message

	Read	Reply

From **Jane Doe**   2:00p

This is the subject of the message

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

www.mozilla.org

Image
Image
Image

📎 **document.pdf (pdf)**

① *This email contains 5 images. Click to load*

Del	Flag	Mark Unread	Move	Forward

1. Messages containing HTML and Images should prompt user to *Load Images.*

Load Image status:

Loading 1 / 5 Images ✳
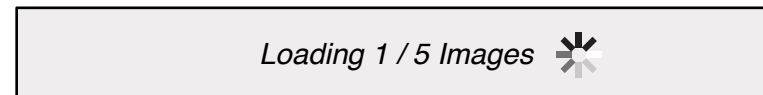
Pressing and holding images to Save downloaded images:

Image

Save Image
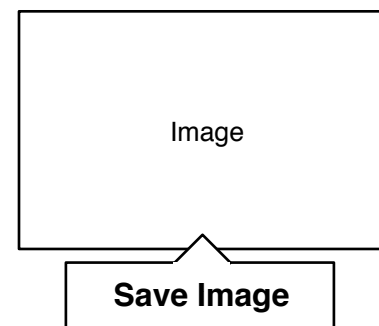
Mail Settings

Mail Settings	
◀	**Mail Settings**

Check mail every | 5 min ▼

Store Messages | 50 ▼

Show Images | ☐

Signature | Sig 1 ▼

Mail Search

Search in Sub-folders | ☐

Search in Sent | ☐

Search in Deleted | ☐

WIP