

App: Mail and Message Cleaner (tidyPigeon)

Backend

Access email through IMAP (ver 1)

Ability to create an app password after login and keep that app password for accessing user inbox

Ability to copy headers of all emails and keep on own server

Ability to copy full email (header and body) of selected emails (selected by a list of domains)

Access SMS (ver 2)

Ability to access SMS

Ability to copy senders of SMS and keep on own server

Ability to copy full SMS (sender and body) of selected SMS based on sender and body and keep on own server

Frontend

Mail Function (ver 1)

Organize emails (ver 1)

Select mailbox (future all mailbox/ select mailbox)

Show senders one by one starting with the one which has most emails

Allow organizing in the following way for each selected sender:

Card view:

- Left swipe/trash button → send to trash
- Right swipe/keep (no action) button → keep as is
- Up swipe / unsubscribe button →
- Down swipe / classify button → ask for folder / allow new folder and send to that folder (checkbox to keep in inbox also or not) [also mark expense type]

List view:

- Multi-select and then buttons for the four options.

Auto-suggest based on ML model of how existing users are organizing (future enhancement)

Review Organizing (ver 1)

Select mailbox (future all mailbox/ select mailbox)

(applicable when already organized)

Button for all or specific

If all show senders one by one, if specific allow smart search

For the selected sender:

Show button change or no change

If a change, show organize email screen with swipes and buttons

Create summary reports (ver 1)

Select mailbox (future all mailbox/ select mailbox)

By default show the number of unsubscribed senders, deleted senders

Smart search for sender

Once the user selects sender show sender summary:

- Number of emails
- Number unread
- The folder where organized (or unsubscribed or trashed)
- From date to date

Button to reorganize this

Auto-create weekly summaries and show as notification/ email

Expense summaries (ver 2)

Select mailbox (future all mailbox/ select mailbox)

By default show total expenses last one week, last one month, last one quarter, last one year, allow the user to add specific period

Smart search for commercial domains

Once the user selected commercial domain, ask the user for static or trend

- If static Show expenses:
 - last one week
 - last one month
 - last one quarter
 - last one year
 - specific period
- If trend ask the user for weekly, monthly, quarterly, yearly
 - Show trended expenditure

SMS Function (ver 2)

... to be developed later ...

Examples with ver 1 implemented

(use anyone to start and then make an almost exact replica and then change)

<https://play.google.com/store/apps/details?id=io.cleanfox.android>

<https://play.google.com/store/apps/details?id=com.inbox.clean.free.gmail.unsubscribe.smart.email.fresh.mailbox>

<https://play.google.com/store/apps/details?id=com.unrollme>