



# Attachment First

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Helping users browse through the attachments easily



# Problem



Email clients have been designed for conversations. All you can see is threads of messages that you received or what you sent to others.

With the world going completely digital and people avoiding printing documents, everything arrives in your inbox for you to use.

It's time we have better ways to browse through attachments.

# Focus Areas

Minimalism

Integration with Existing Apps

Ease of Use

Increased Customization

Declutter

Using basic OS design principles

## Solution

A standalone app that can manage all the attachments received or sent through different email clients.

Gives you ability to browse in your preferred way and make advanced search easy.





# Pain Points

- Dealing with duplicate attachments
- Being able to see the snippets of attachments and viewing them like the format of Google Photos or Netflix
- Not showing the image of the attachments that are confidential. For example, password protected images would show a lock icon
- Extracting text from all the attachments (PDF, lyrics/transcripts from audio and video files, image captioning) to make it easy to search the attachments by using search keywords
- Using synonyms of keywords entered in search queries
- Accessing documents using NLP, say using sentences such as 'an attachment that involves a graph/movie'
- Auto-tagging/guessing the attachments into types/categories such as resume, tickets, income tax returns, etc.
- Multi-language voice search
- Filters (date, attachment type, file format, sent by, size)
- Save password feature for attachments for several documents, say from the same sender (e.g. bank).



# User Persona

## Student

- Receives all assignments, timetable, class notes, homework's on the email
- Pictures of college event are also shared via email
- Books flight tickets to home and received on email

Age : 18 to 24 years

## Working Professional

- Has all versions of the project files sent over email
- Receives bonus letters and company documents through email
- Has to do a lot of business travel, sorting out tickets and bills is a challenge

Age: 22+ years

# Project Plan

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Email

Homepage

Search

Keywords

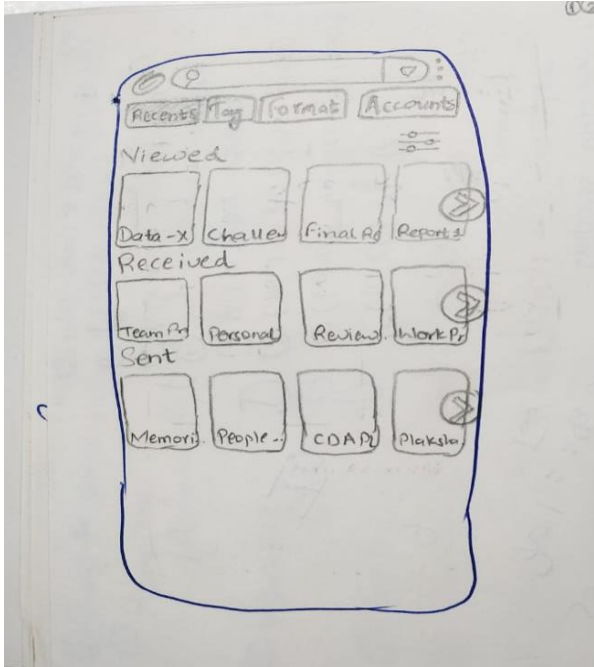
## Prototype Plan

- ⑩ Email → Attachment Browser
- ① Homepage: Recents
- ② Homepage: Tag
- ③ Homepage: format
- ④ Homepage: Email
- ⑤ 'Sort by' on homepage
- ⑥ Search filter
- ⑦ Keyword search → Dynamic search results
- ⑧ Click on a snippet to open/view an attachment  
Show the card view
- ⑨ Add a tag - show suggestions
- ⑩ Show the newly added tag
- Optional
- ⑪ Open a password protected snippet, auto-input previously saved password
- ⑫ Close the platform. Be back on the same page upon returning

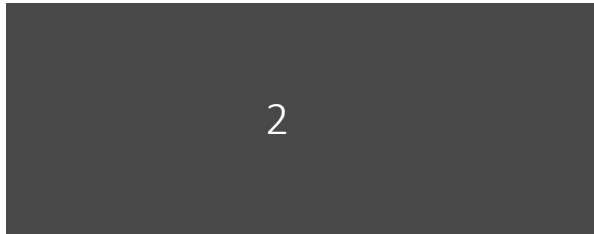
# Paper Prototype



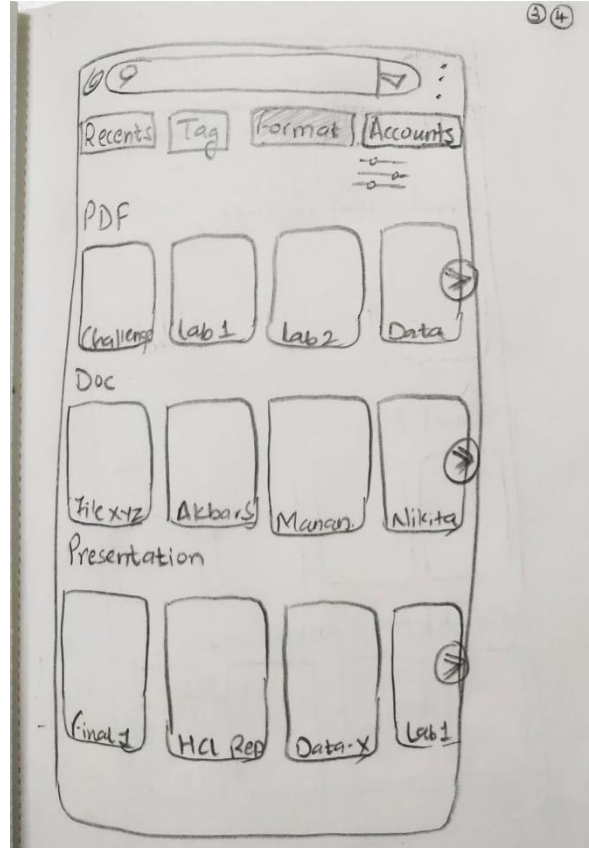
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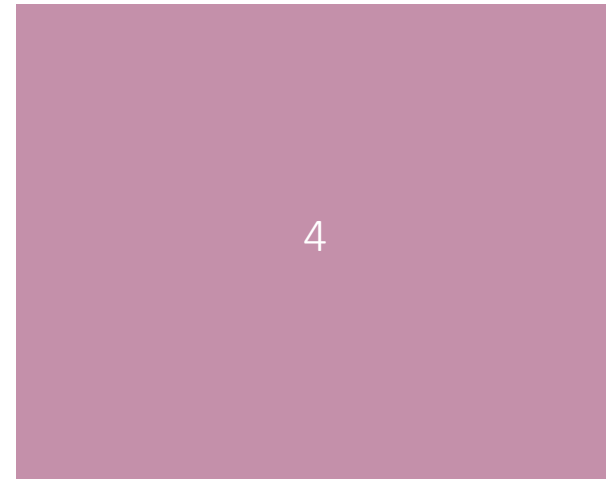
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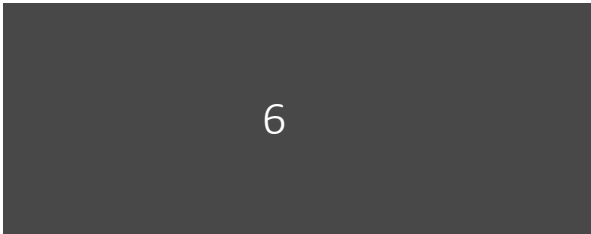
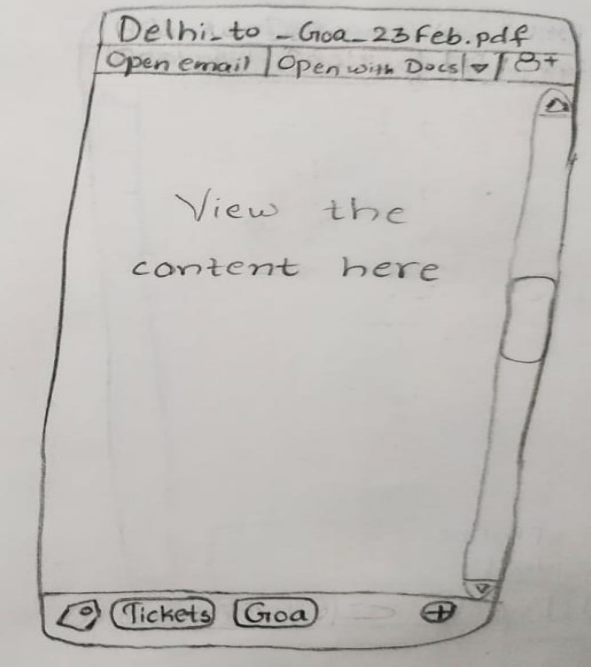
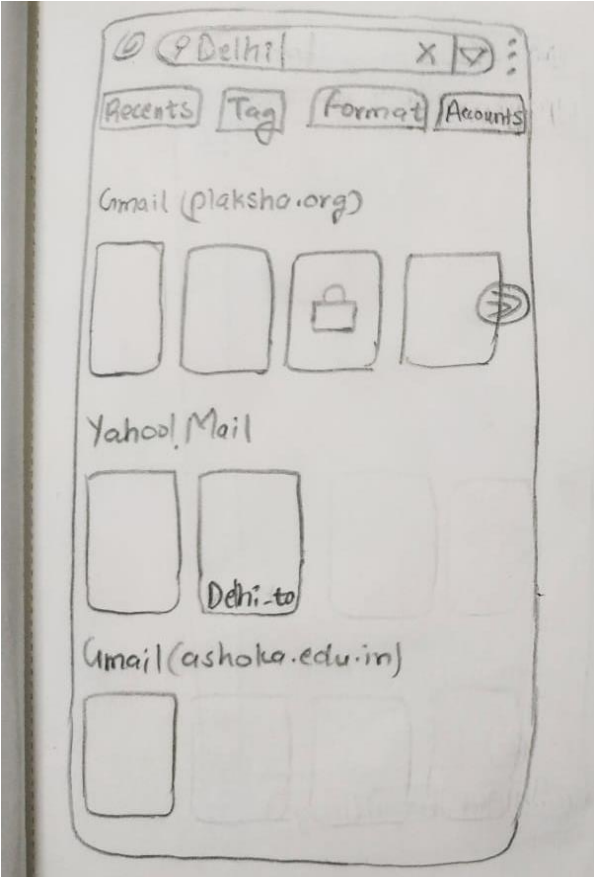
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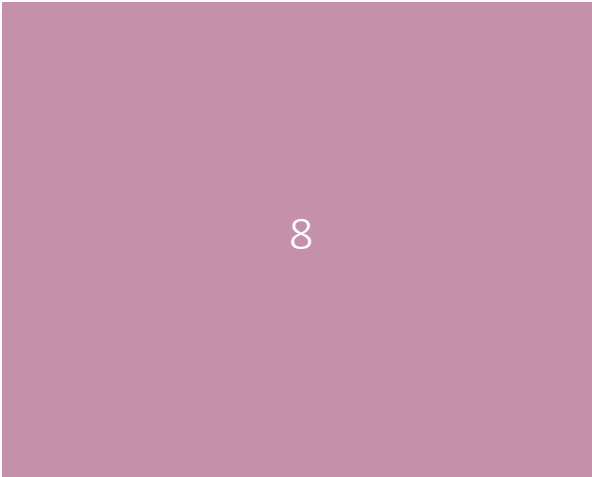
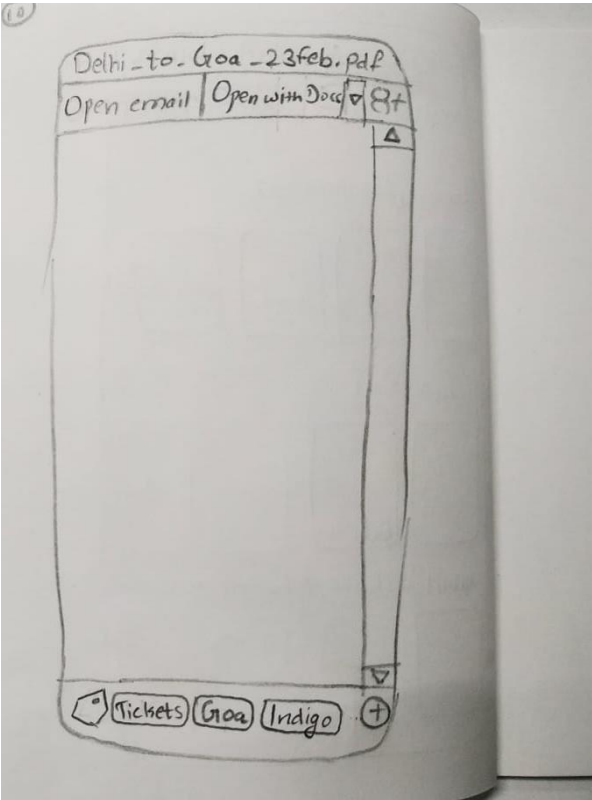
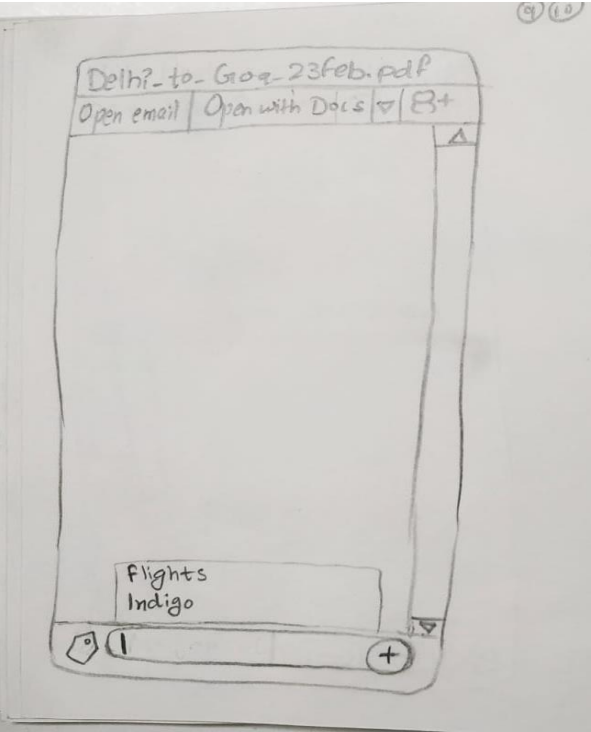
5



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# User Suggestions

Testing on the Prototype

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Tagging a document was not clear; build capsules around it like YouTube for easier understanding



Confusion over email tab as people confuse it to reading emails



Open Email option not clear; looks more like send email



Adding a tag option not clear

# Working Prototype

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# What's Next?

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- Password Protection for documents
- Adding bookmarks page
- Adding settings page
- Better Search
- Voice Search

# Team

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Presentation



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Paper Prototype  
Report



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Product Ideas and Sketching  
Class Representation

