4_Rasel_2

SCREEN SKETCHES DOCUMENT
(Naveen Prabakar, Yi Yun Khor, Nicholas Wang, Jamey Nguyen)

Actors:

a. **Viewers: They are able to do the following**
   i. View a note
   ii. Get summarization
   iii. Get translation
   iv. Save the notes to their account as an editor

b. **Editors: They have permissions of users with other permissions**
   v. Create a note
   vi. Viewer permissions
   vii. Set Note visibility
   viii. Live Edit

c. **Owners: They are able to change the document itself**

   ix. Give access to files/documents (Edit or View access)
   x. Block users from accessing files
   xi. Delete/Archive Files

Non-Functional Requirements

- The application must be able to receive the files they saved within 1-2 seconds of clicking on it (Example, I click on document B and it should be there immediately)
- The application needs to be able to allow live editing (Example, multiple people working on the same document together)
- The application needs to able to output AI assisted notes/summaries within 5 seconds (Need to wait for some time for AI to scan and process their notes)
- The application should be able to allow 5-7 active users on the app
- The application should block other users from accessing a file if it has been deleted or removed by the owner (Exception: if the user downloaded a copy for themselves)
- All UI elements shouldn't take no more then a second to load
- The formatting of creating lists, bullet points, and indents should feel seamless

Tables and Fields

- USER TABLE: (Stores basic info: email, password, username)
    - User ID (Primary Key)
    - User name
    - Email
    - Password

- FILES TABLE: (Stores files and it's owner)
    - File ID (Primary Key)
    - File name
    - Owner name (Foreign Key references Username in User table)
    - Tags

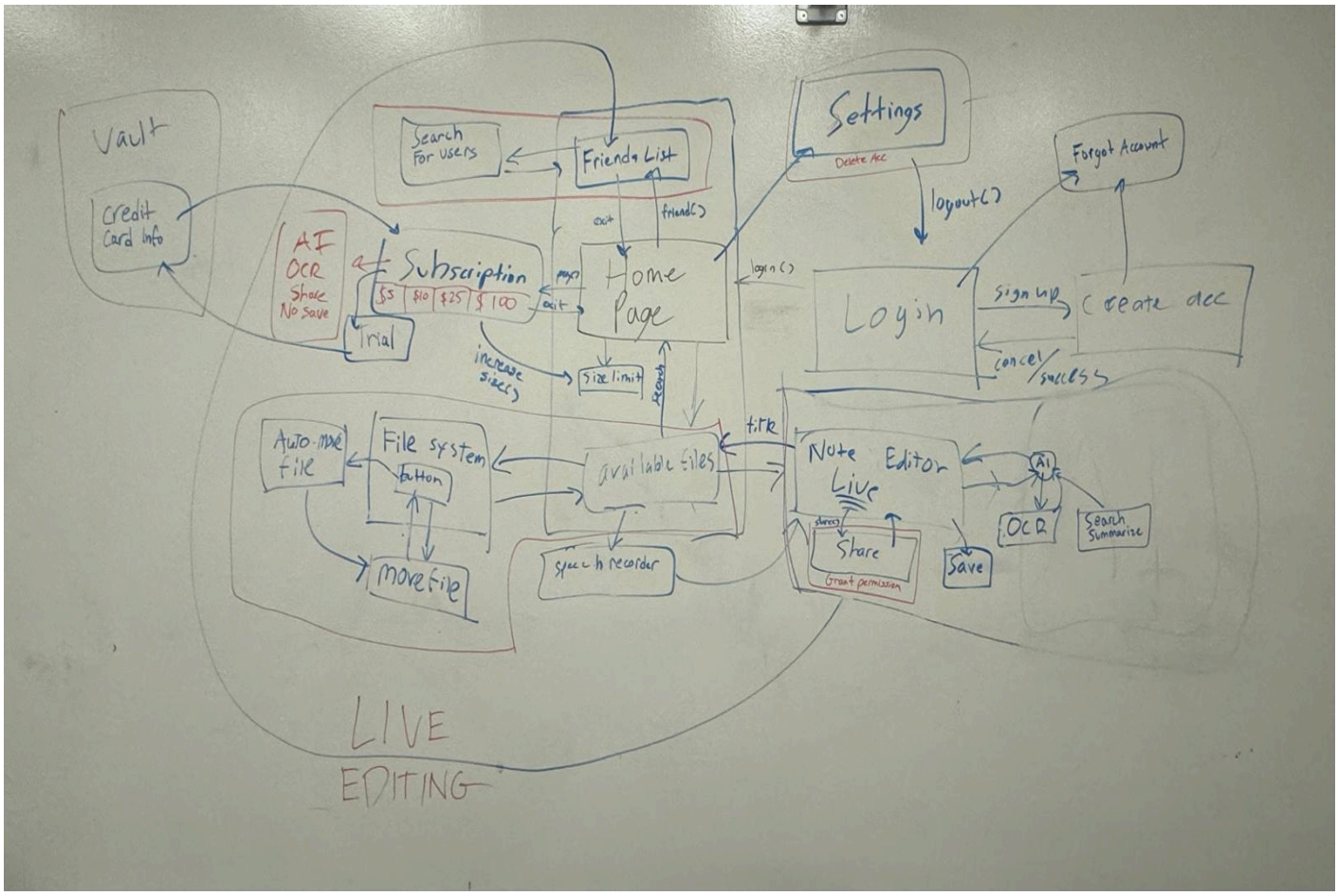
- ACCESS TABLE: (Stores who has access to which document)
    - Access ID (Primary Key)
    - File name (Foreign Key references File name in Files Table)
    - Owner name (Foreign Key references Username in User table_
    - Access name

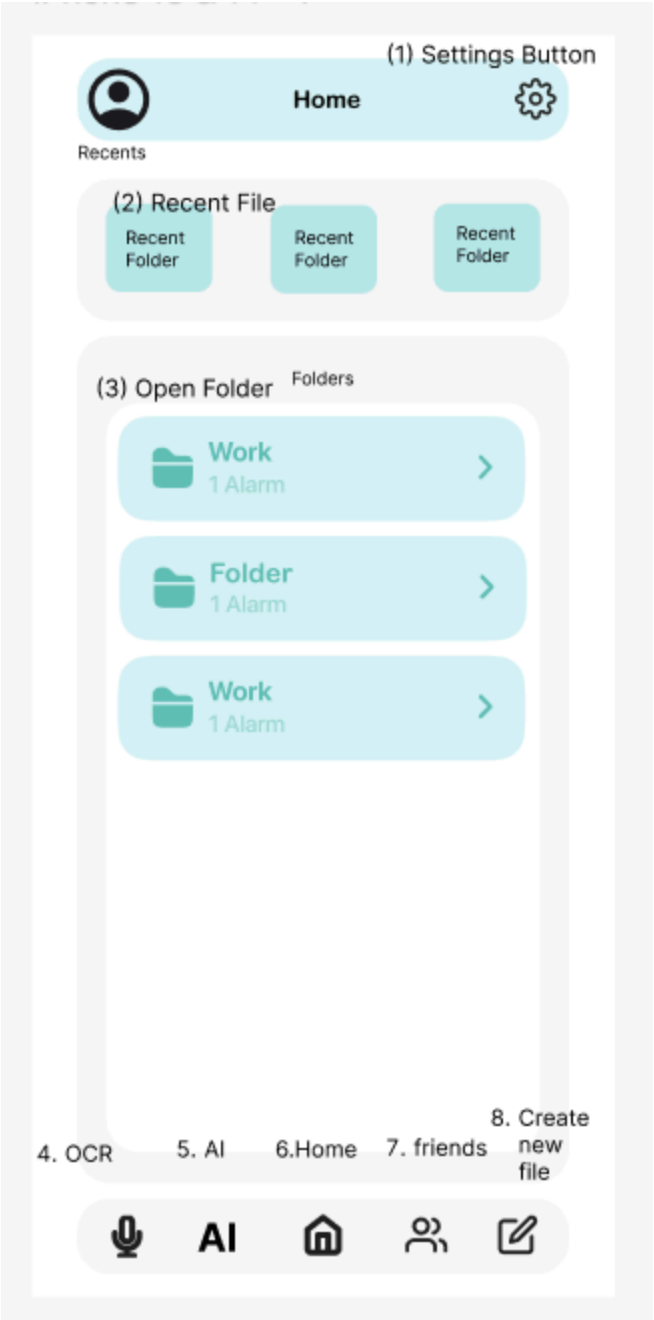
- BLOCK TABLE: (Stores who has been blocked to view which document)
    - Block ID (Primary Key)
    - Block name (Foreign Key references Access name)
    - Block file (Foreign Key references File name in Access Table)
    - Blocked Owner (Foreign Key references owner in Files table)
    - Block Time

- FRIENDS TABLE: (Stores who is friends with who)
    - Friend ID (Primary Key)
    - Person name (Foreign Key references user table_
    - Person2 name (Foreign Key references user table)

- AI TABLE: (Stores which files were accessed by the AI for edits/summaries)
    - AI ID (Primary Key)
    - File name (Foreign key references File name in Files table)
    - AI User (Foreign key references Access name in Access table)
    - AI feature

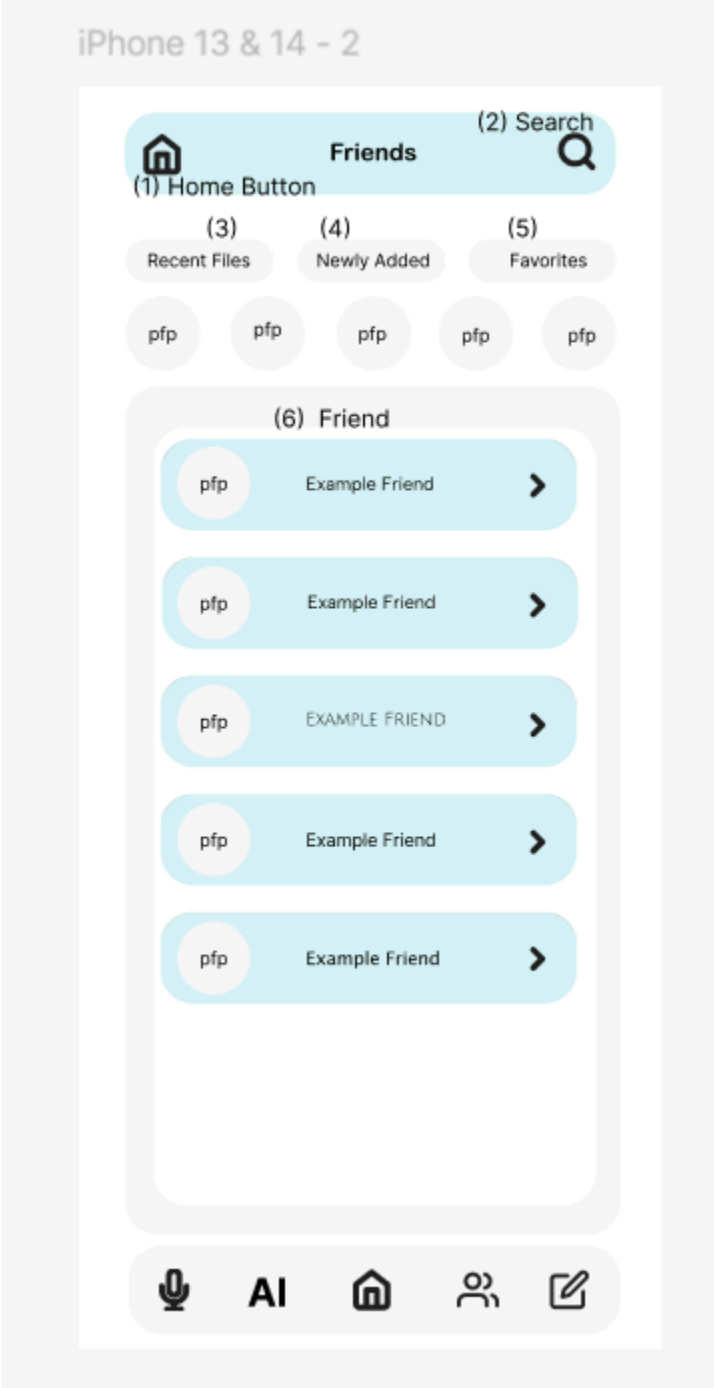
SCREEN FLOW DIAGRAM





Home Page: Jamey Nguyen

This is the following screen that users will see when they first successfully login. The home screen has a navigation bar, which from left to right will lead you to our voice recorder (4) (for speech-to-text), our AI-help page (5) that Naveen has sketched out (see below), the Home page (6), the Friends List (7), and an icon that creates a new page. (8)
From here, you can see the settings button (1) in the top right, that leads you to the settings page. For the most part, here is where you can access your folders / notes (3). There is also a recents section that leads you to the most recent folders you've accessed. (2)

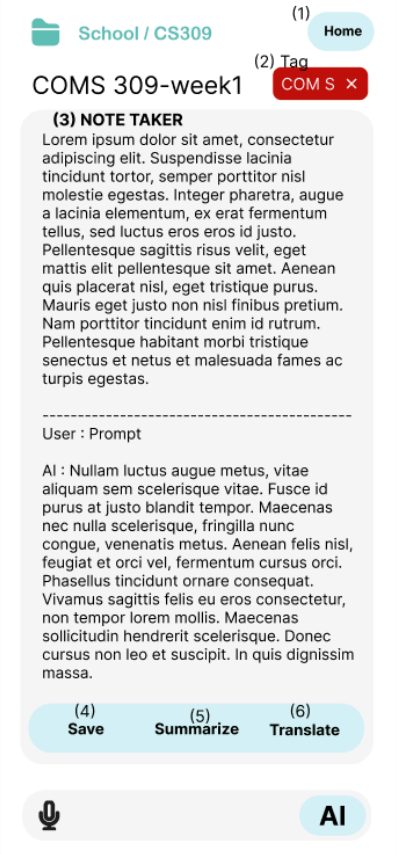


Friends List Page: Jamey Nguyen

Here is where you can see a list of your friends. (6)
When you click on a friend, there'd be a dropdown listing interactions that you can do with your friend, such as sharing files with them, favoriting them, blocking them, or unadding them as a friend. You can also filter your friends, from left to right, the recent files (3) shows friends that you have recently shared

files with. The newly added are simply friends you've added recently (4), and Favorites (5) is the friends that you have favorited.

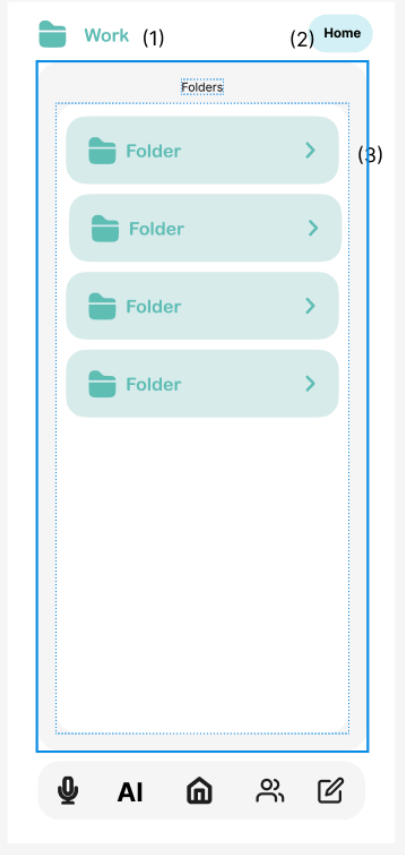
You can also search (2) for users with the search button in the top right. You can go back home (1) with the home button in the top left.



Nicholas Wang, Text Editor:
The Following page is the actual note taking part, where the user will input a text and the user can save it to the server. The user can also use AI features such as Summarize, Translate, and create their own custom prompt that will be appended to the user input. There is also a speech to text feature, where it will also create a section for the speech recordings transcription.

Surrounding the text input, on top is the current path of the note, and it will take back to home (1), or the folders clicked.

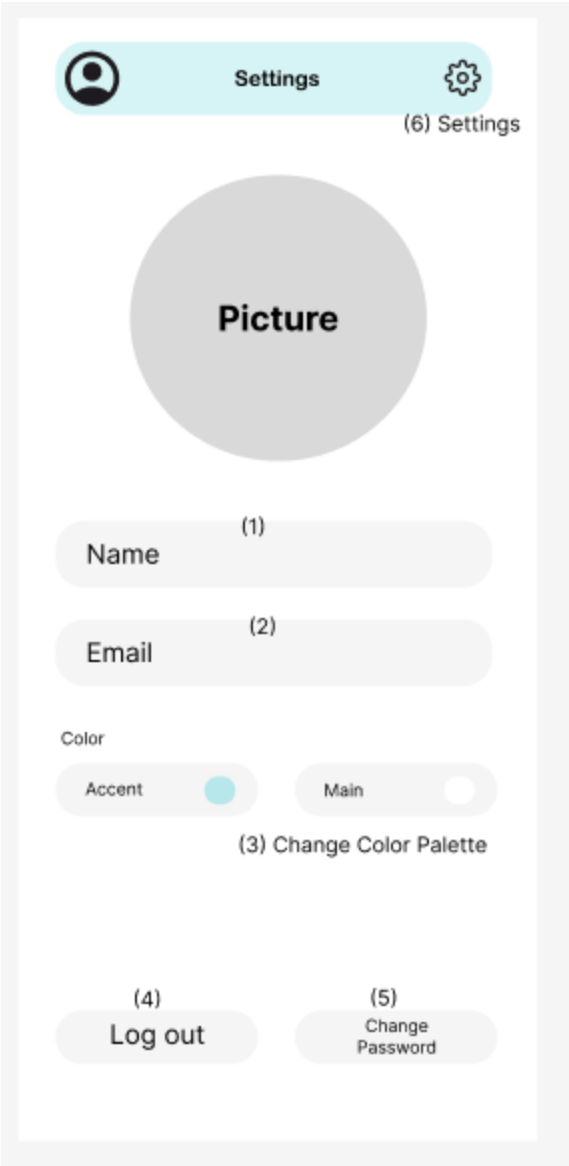
1. A button to go to the home page
2. A Tag (2) so that the user can sort the notes in a certain order
3. A note page where the user can put in the notes
4. A save button to save the note to the server
5. A summarize button to give AI summarization results
6. A translate feature using AI to multiple languages



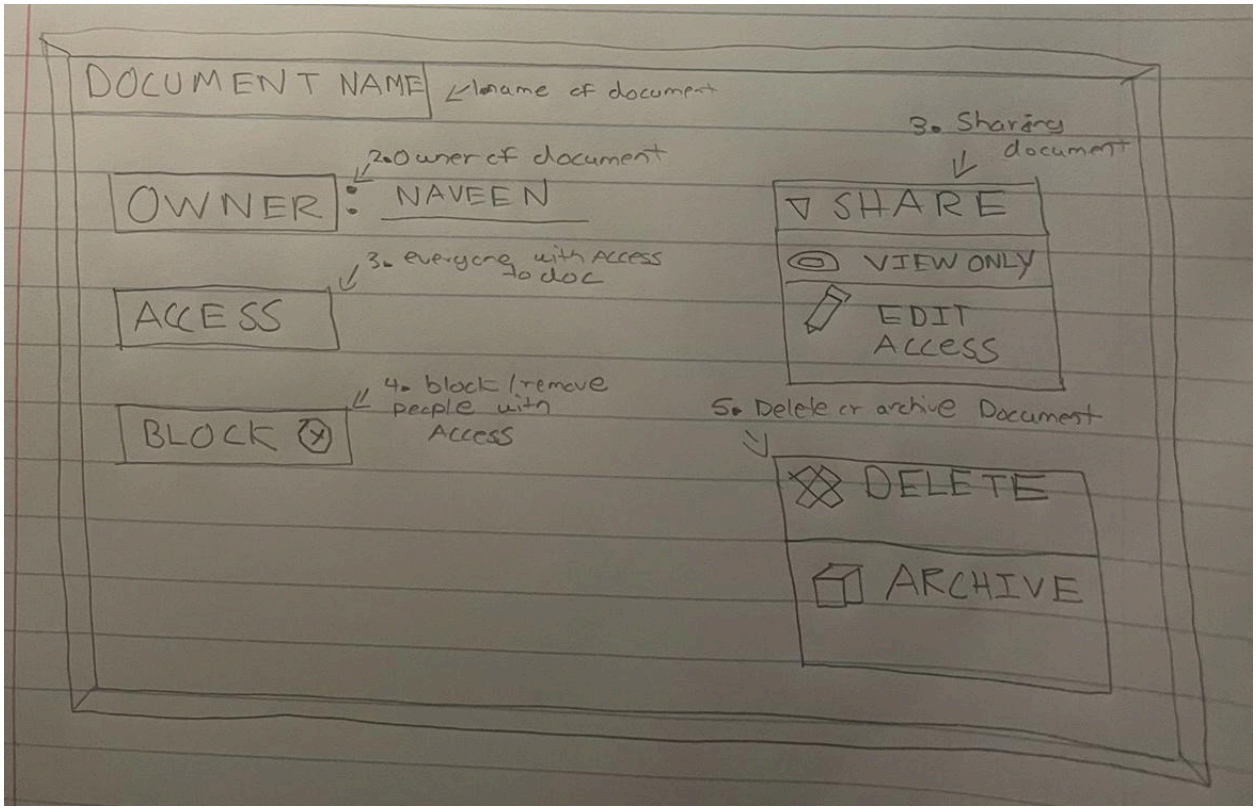
Nicholas Wang, Folders:

This page is a view of all the folders after it is clicked from the home page. It keeps the home bar (2), and it will turn into the note page when a note is clicked. On the headers there is a button to go back to Home, and a button to go to a previous folder in the path. (3) This page also keeps the home bar from the home page

1. A path where the user can go back to the path they selected
2. A shortcut to the home page (root directory)
3. A path to the inner folders of the directory



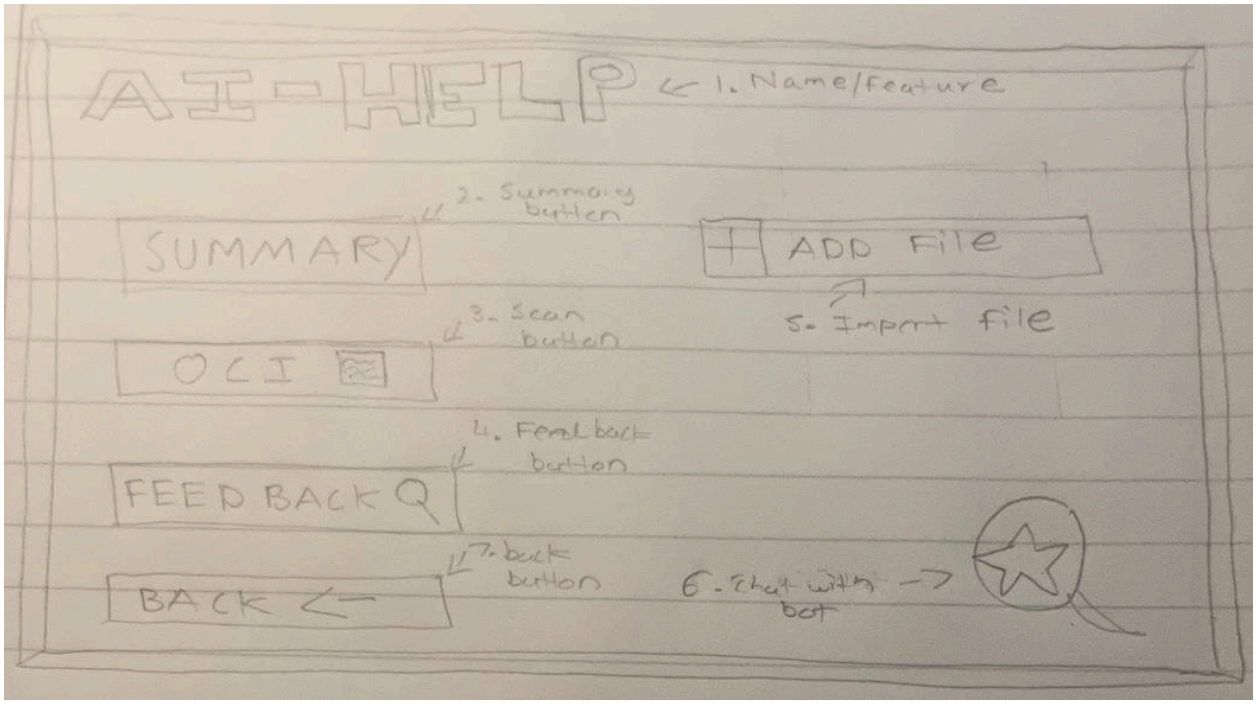
Nicholas Wang
This is the settings page that can be accessed from the home page. In this page we can view the name (1), and the email (2) used, and we can change the password (5) of that account. There is also a display picture we can set, and also the color (3) of the app with the accent colors and the main background color. We can also log out (4) from here.



Screen one: The Owner Dashboard (Naveen Prabakar)

- The following screen allows the owners of a document to be able access these permissions. They are allowed to share (3) their documents with specific permissions like view only or giving others edit access. They can view who has access to the document (2). If they want to block or remove users from accessing the document, they may use the block button (4). Lastly, they can delete the file or archive it once they choose to do so.

- The share option is a drop down feature where it allows you to first select what type of permissions the person you want to share get's access to, then you may share it with that person. The block button will also give a list of people who have blocked from the current document.



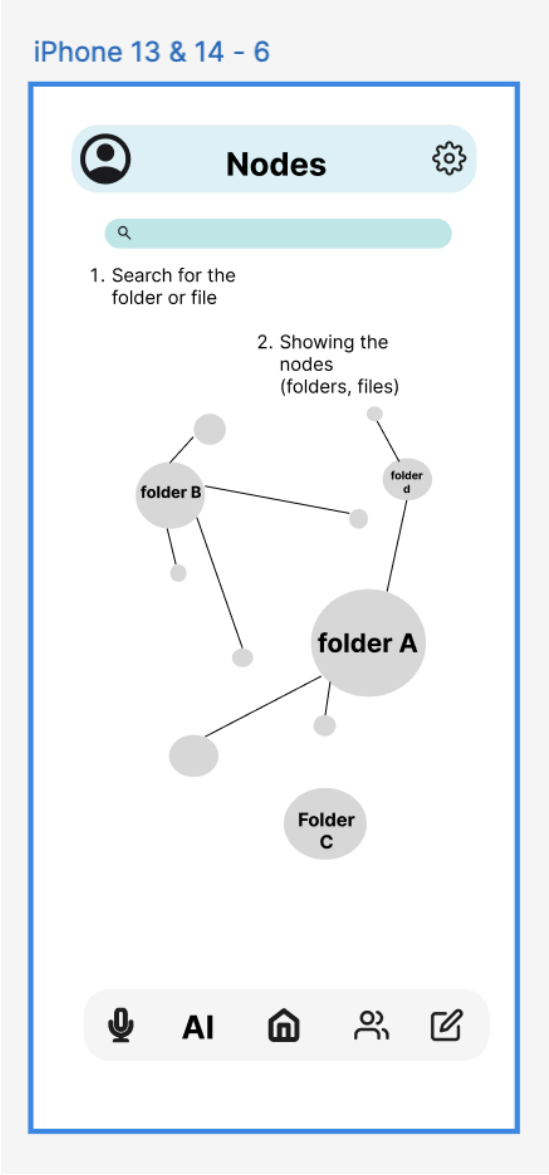
Screen two: AI Tools Menu (Naveen Prabakar)

- The following screen allows the owners/people with access to be able to utilize AI tools to either summarize the file (2), scan the file (3), and receive constructive feedback (4). They may also just upload files to be checked as well through the add files option (5). Additionally, the user can chat with the AI for any other reasons that are specifically not listed as a feature.

- Clicking on the AI chat (6), will open up a chat menu with a keyboard to be able to chat with it. The OCI button (3) will open up the camera for users to be able to snap pictures to upload them for scanning.

Creating document, template side (Yi Yun Khor)

When creating the document, the user can search for the templates (1). The app will store its recent history searches. In addition , the user can scroll down to search for available templates and create the document. After the user chooses the template (2), it will bring them to the document edit page.



Nodes showing the storing files (Yi Yun Khor)

This is a ui that shows the user nodes that each represent either folders or files (2), folder with big node are folder which can link to a smaller nodes which are files or inside the big folder storing another folder with smaller size node but must be larger than file nodes. After the user clicks in the folder, it will bring the user to the directory where the folders store the files or folders. When the user clicks on file circle, it will bring them to the document edit page. User can search for the files or folder with (1).