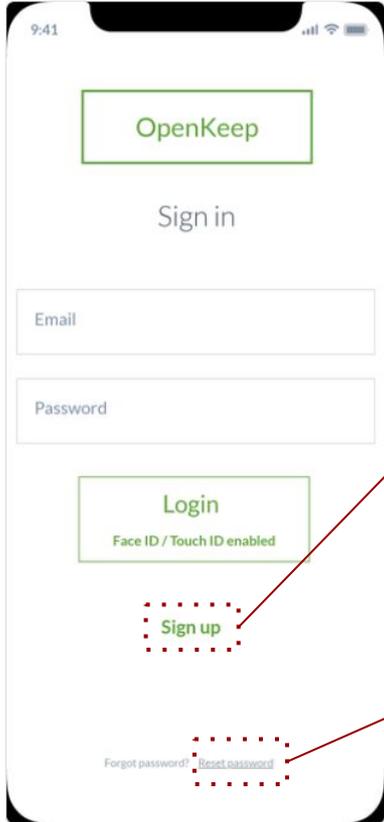


Appendix A (workflow)

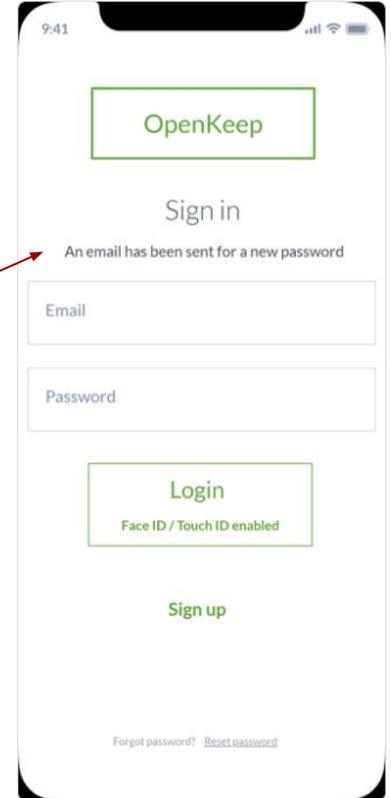
Simplistic homescreen that contains three options: login, register or forgot password



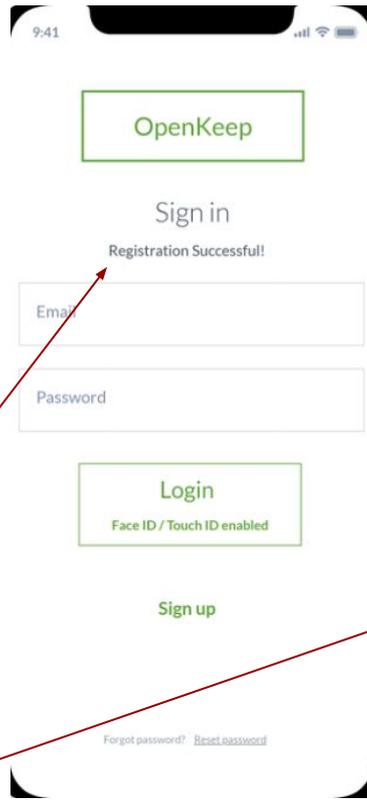
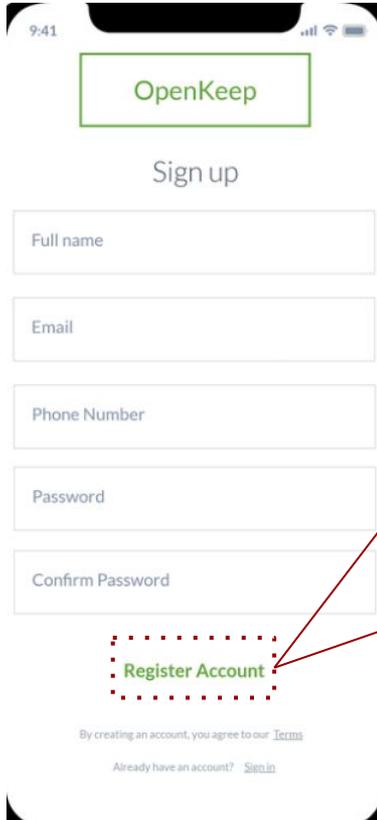
A screenshot of the OpenKeep registration form. At the top, the 'OpenKeep' logo is highlighted with a green box. Below it is the 'Sign up' title. The form consists of several input fields: 'Full name', 'Email', 'Phone Number', 'Password', and 'Confirm Password'. Below the 'Confirm Password' field is a green 'Register Account' button. At the bottom, there is a link to 'Terms' and a 'Sign in' link for existing users. A red arrow points from the 'Sign up' button in the home screen to this form.

Registration requires minimal information. Link to the Terms for users. Redirect to home page for existing users.

Notification message indicating app has received password request.

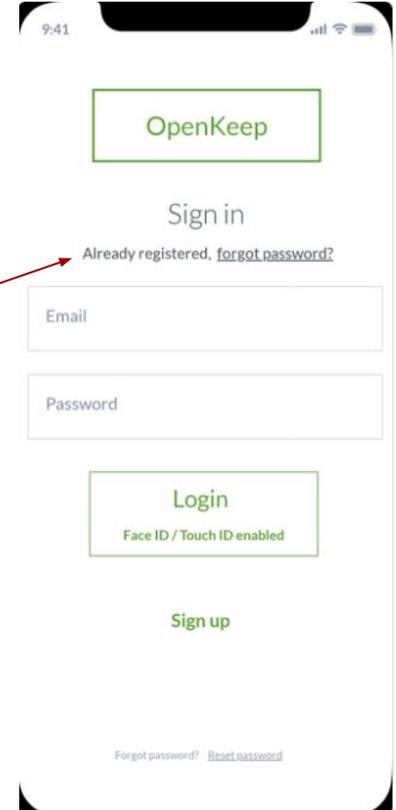


Two potential outcomes from registration attempt: failure due to previous registration or success and redirect to login page

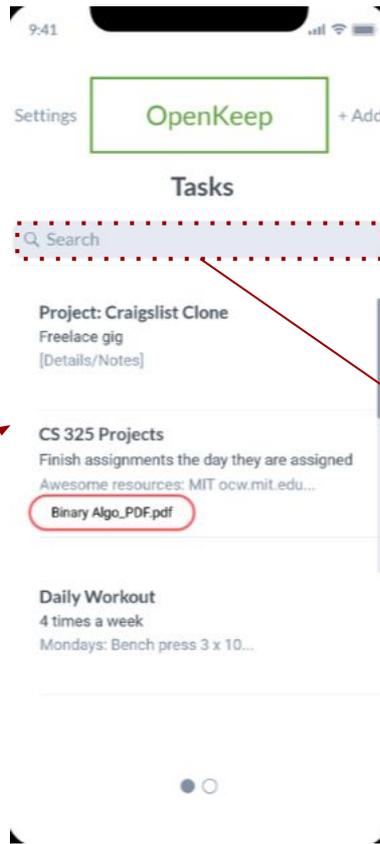
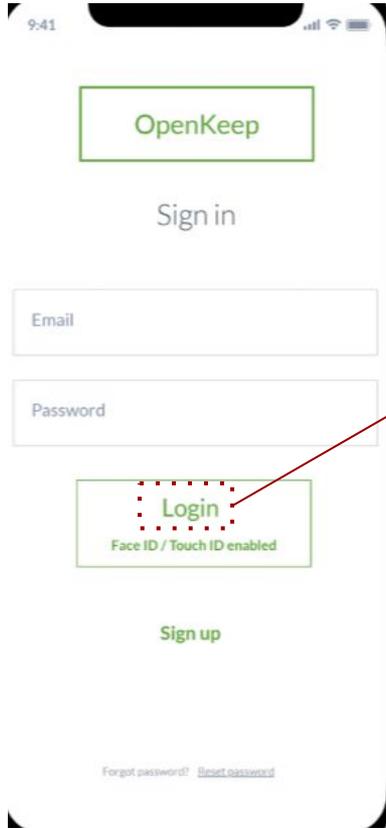


If registration completed successfully, app redirects user to login screen and displays success message.

Failure screen. Redirected to homepage to attempt login or use forgot password option.

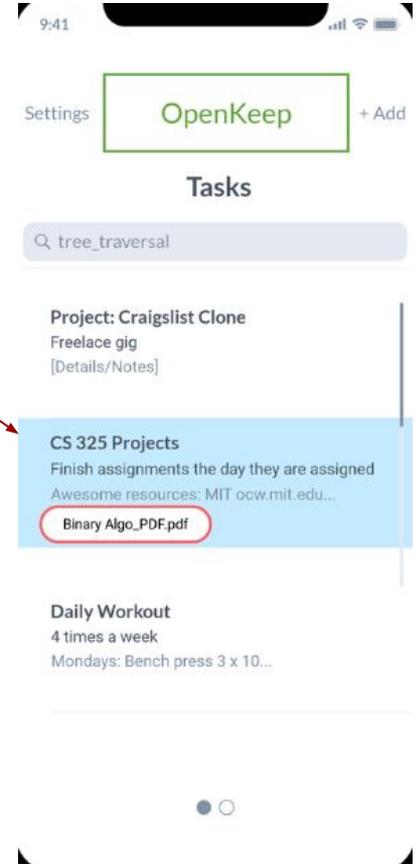


Simplistic home screen that contains three options: login, register or forgot password.

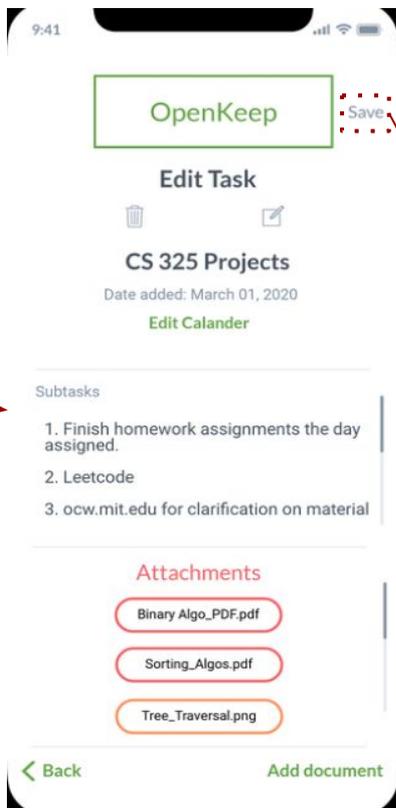
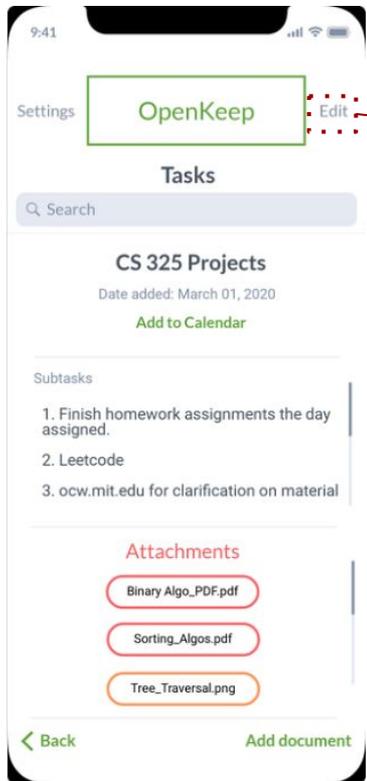


After logging in, users will at task homepage. Tasks includes basic information. Users can add tasks or go to setting page.

Users search for specific tasks.

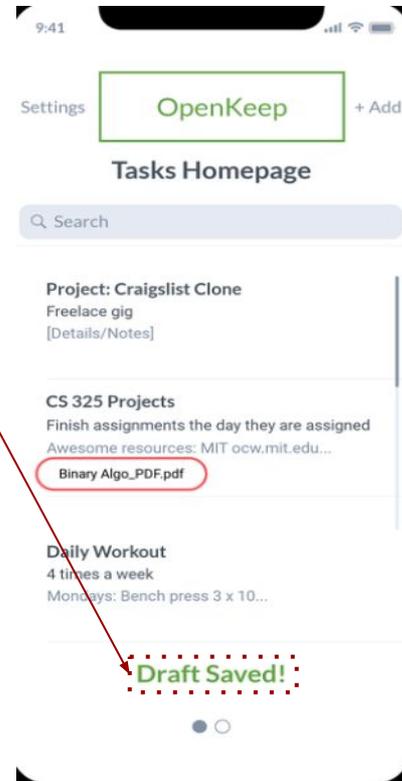


From the Task Detail screen, users can use links to access the attached documents, add a new document, perform a new search, edit the task or return to homescreen

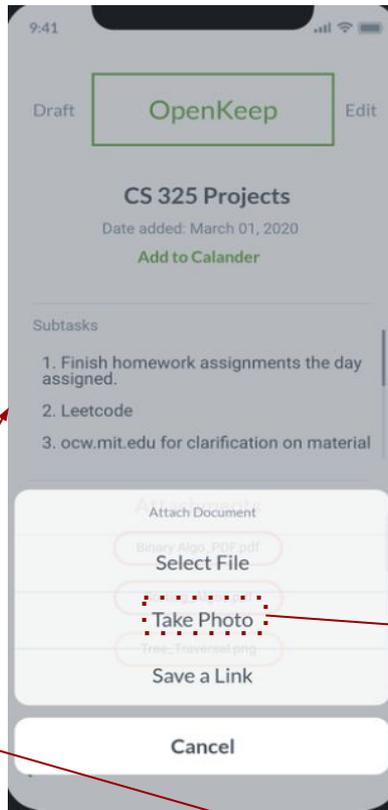
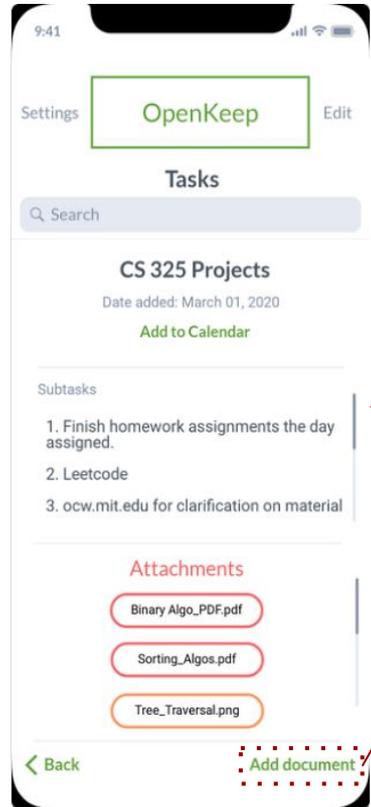


Edit Task Screen allows user to change the calendar date, subtasks and attachments. Save button is located in the top right and a delete button is located in the center top of the edit screen for easy task removal

After editing, users save the draft and go back Task Homepage.



From the Task Detail screen, users can use links to access attached documents, add a new document, perform a new search, edit the task or return to homescreen

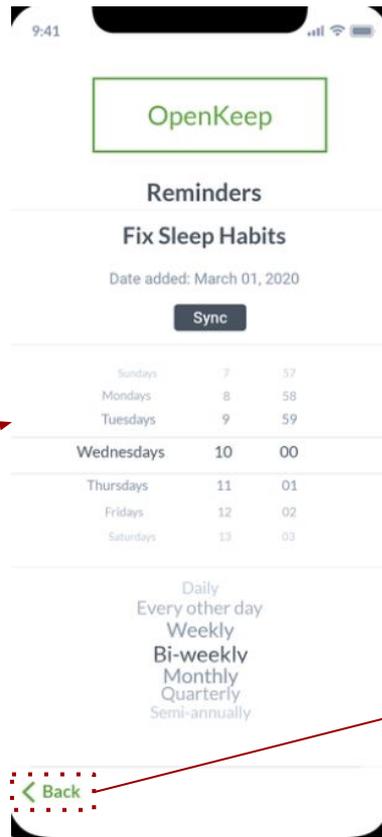
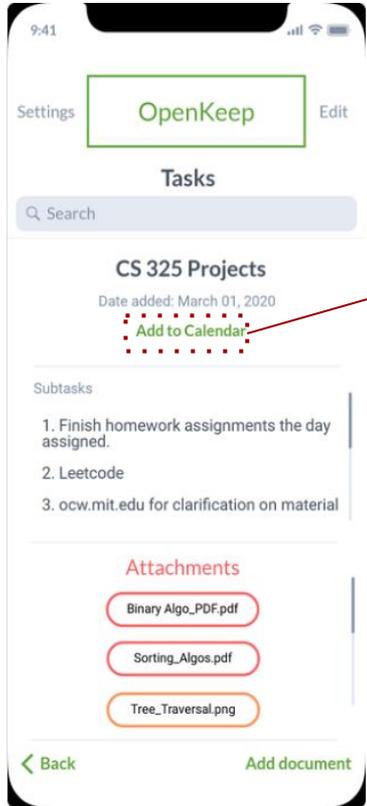


Users have different methods to add documents.

In addition to uploading a document that is saved to your phone, users can also add a document via their phone camera.

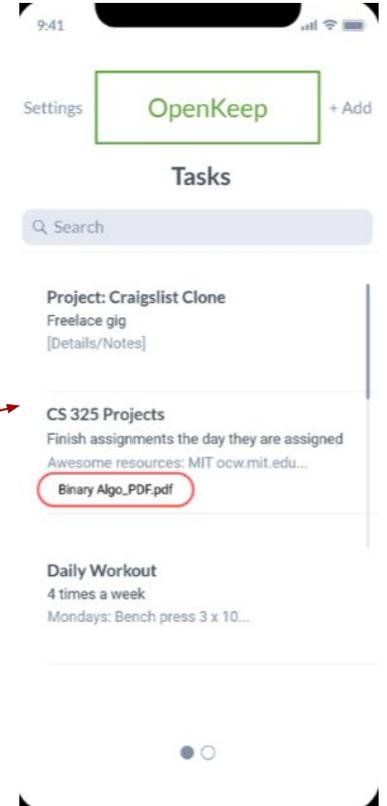


From the Task Detail screen, users can use links to access attached documents, add a new document, perform a new search, edit the task or return to homescreen

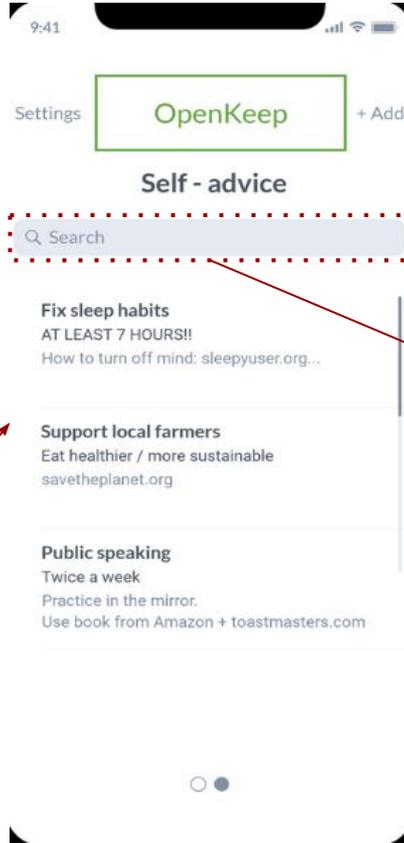
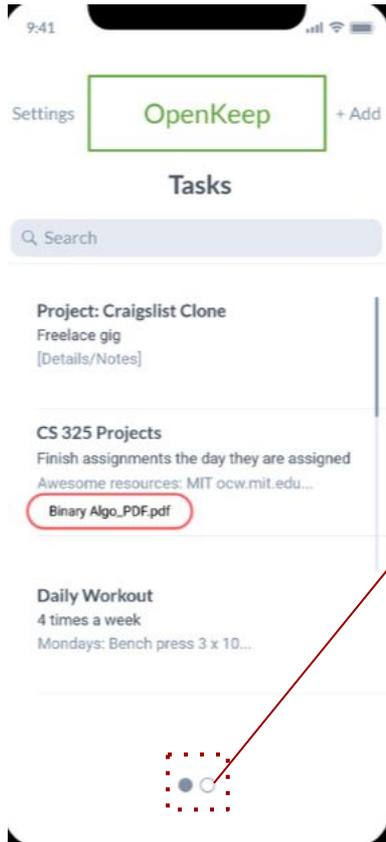


Users can choose the date they want.

Users back to homepage after they added the task to calenar.

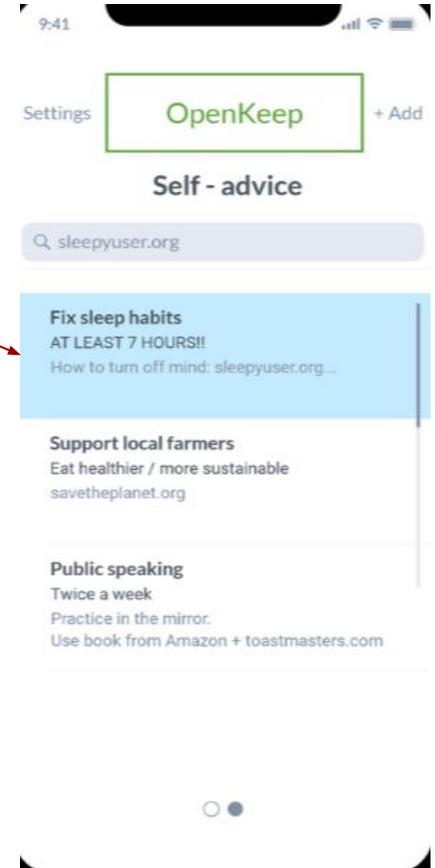


Slide right to Self-advice homepage.

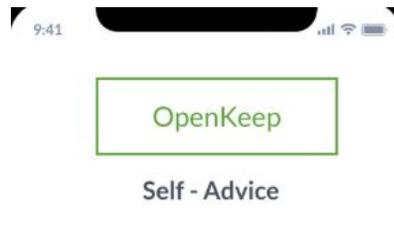


Self-advice homepage includes tips. Users can add tips or go to setting page.

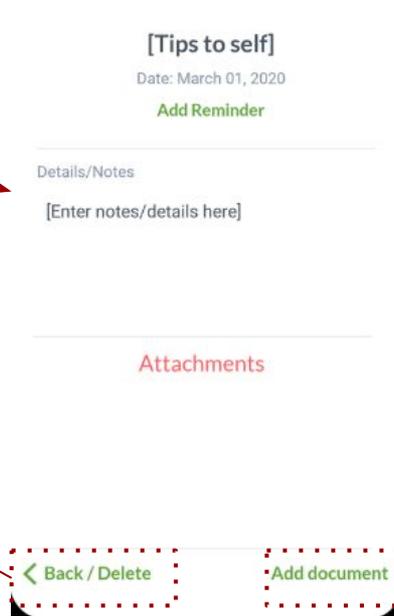
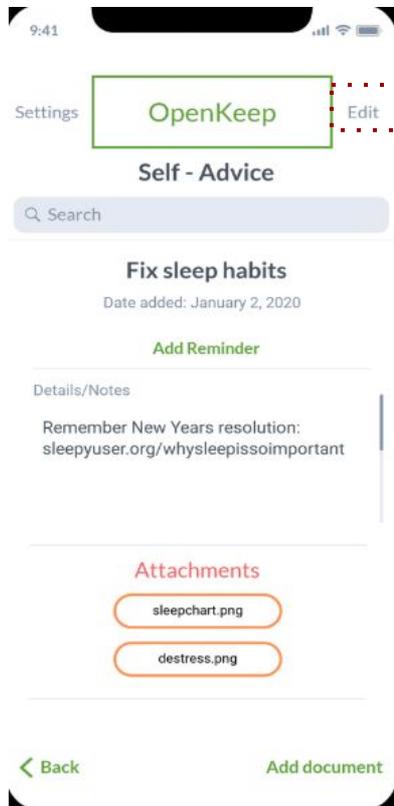
Users search for specific tips.



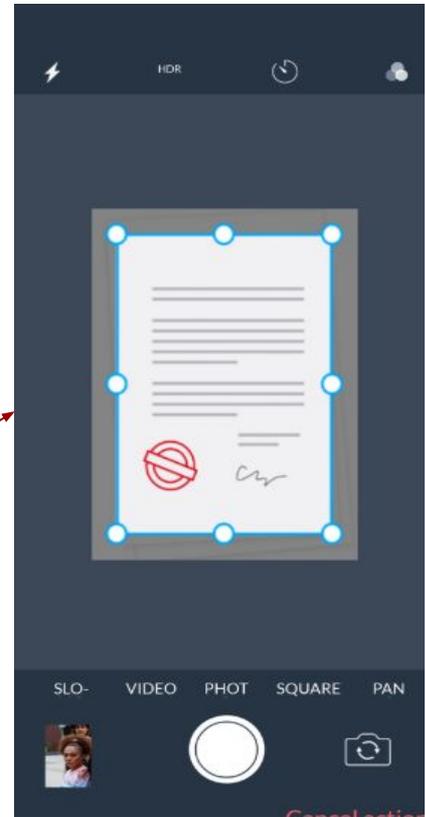
From the Self-advice detail screen, users can use links to access attached documents, add a new document, perform a new search, edit the tip or return to home screen.



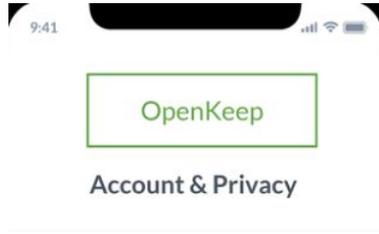
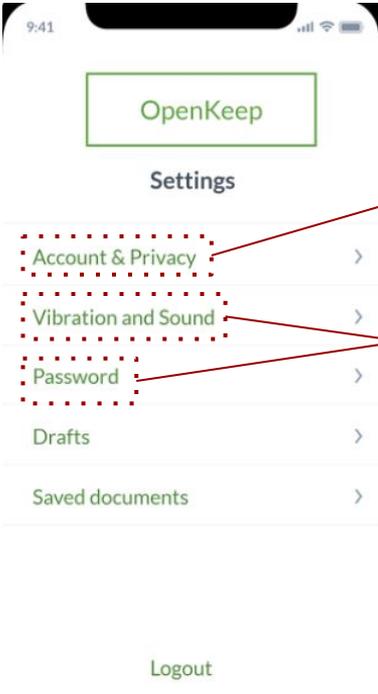
In addition to uploading a document that is saved to your phone, users can also add a document via their phone camera



Self-advice Edit screen. Users can add tips/document or go back to Self-advice detail screen.



Users can change app style according to personal preference.



Data collection
Enabled
Email
user@openkeep.com

Privacy Statement

The OpenKeep Privacy Policy was updated on December 21, 2019.

Your privacy is important to OpenKeep, so we've developed a Privacy Policy that covers how we collect, use, disclose, transfer, and store your personal information.

Lorem ipsum dolor sit amet, te persequeris adversarium eam, paulo affert reprehendunt ei vis. Nihil viderer oblique at has. Verear temporibus an nec, omnesque iudicabit mea cu. Ius altera virtute maiorum ut. Ne sanctus definitionem vis, id qui dico mucus labore, partem postulant similique ad eum.

< Back

Account & Privacy setting.

Notification Settings. Users can adjust the frequency of reminders.



Vibration Intensity

Volume

Enable on Calendar

Enable on Reminders

< Back



Old Password

New Password

New Password (Confirm)

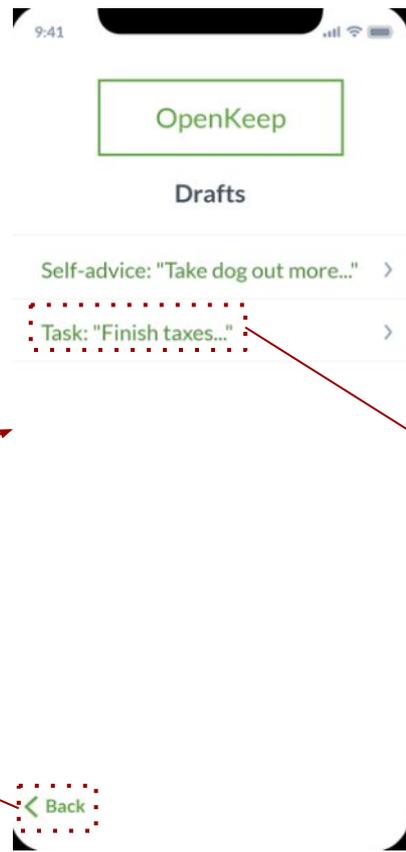
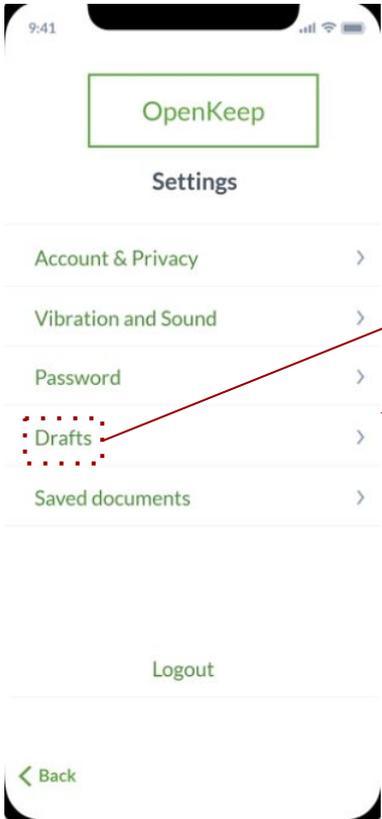
Update

< Back

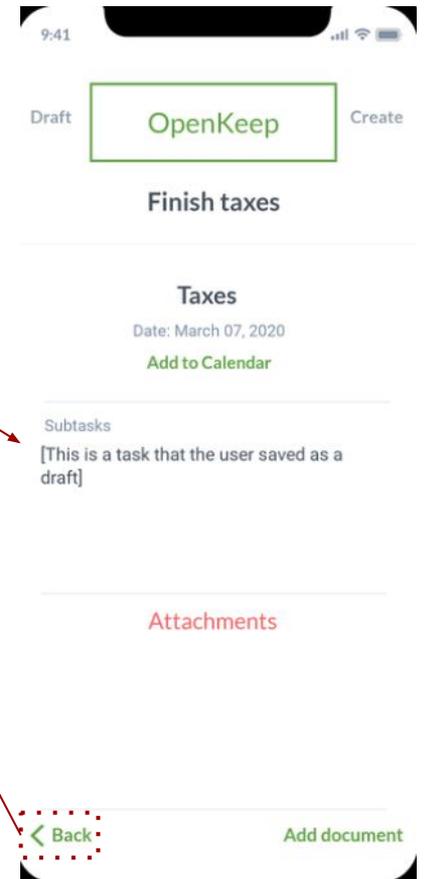
Forgot password? [Reset password](#)

Users update password.

Users can change app style according to personal preference.

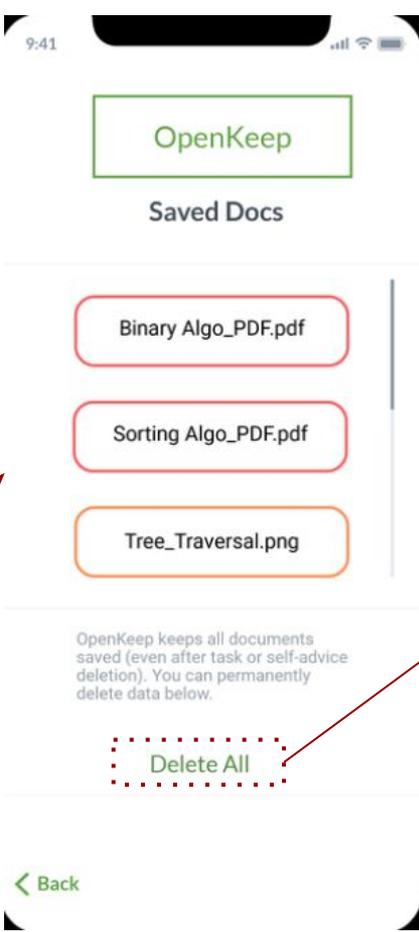
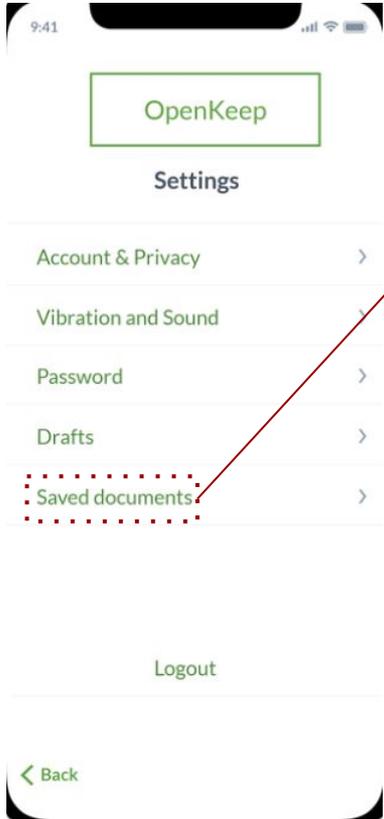


Users edit drafts.

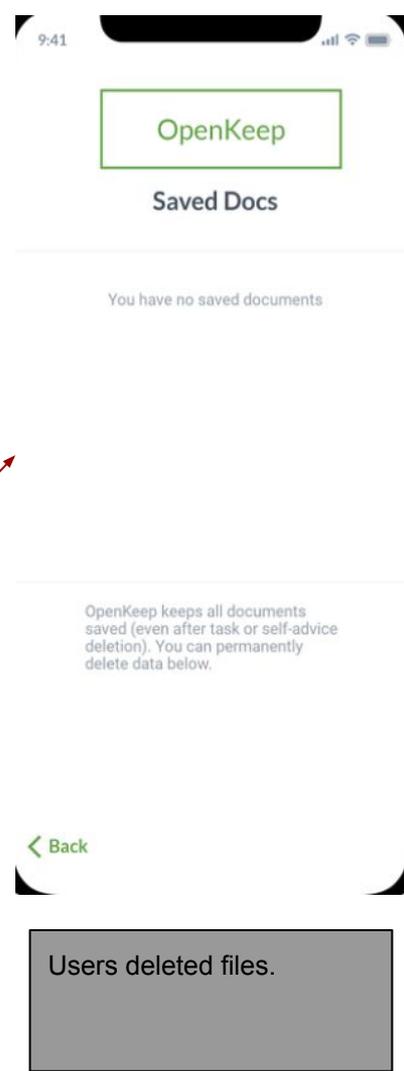
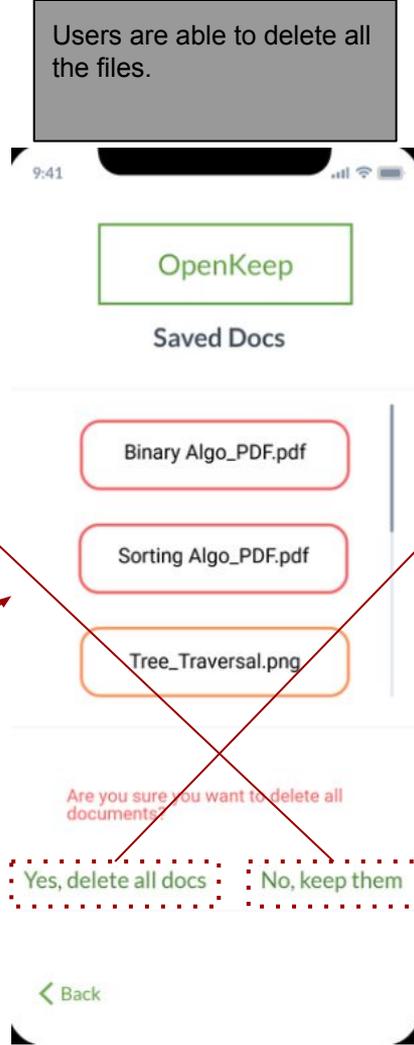


Users are able to see their drafts.

Users can change app style according to personal preference.



Users are able to check their Saved documents.



Users deleted files.

Users are able to check their Saved documents.



OpenKeep

Saved Docs

Binary Algo_PDF.pdf

Sorting Algo_PDF.pdf

Tree_Traversal.png

OpenKeep keeps all documents saved (even after task or self-advice deletion). You can permanently delete data below.

Delete All

< Back

Array Sorting Algorithms

Algorithm	Time Complexity	Average	Worst	Space Complexity
Quicksort	$O(n \log(n))$	$O(n \log(n))$	$O(n^2)$	$O(\log(n))$
Mergesort	$O(n \log(n))$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$
Timsort	$O(n)$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$
Heapsort	$O(n \log(n))$	$O(n \log(n))$	$O(n \log(n))$	$O(1)$
Bubble Sort	$O(n^2)$	$O(n^2)$	$O(n^2)$	$O(1)$
Insertion Sort	$O(n^2)$	$O(n^2)$	$O(n^2)$	$O(1)$
Selection Sort	$O(n^2)$	$O(n^2)$	$O(n^2)$	$O(1)$
Tree Sort	$O(n \log(n))$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$
Shell Sort	$O(n \log(n))$	$O(n \log(n))$	$O(n \log(n))$	$O(1)$
Bucket Sort	$O(n^2)$	$O(n)$	$O(n)$	$O(n)$
Radix Sort	$O(n^2)$	$O(n)$	$O(n)$	$O(n)$
Counting Sort	$O(n^2)$	$O(n)$	$O(n)$	$O(n)$
Culbesort	$O(n)$	$O(n \log(n))$	$O(n \log(n))$	$O(n)$

Image Source:
<https://medium.com/@george.seif94/a-tour-of-the-top-5-sorting-algorithms-with-python-code-43ea9aa02889>

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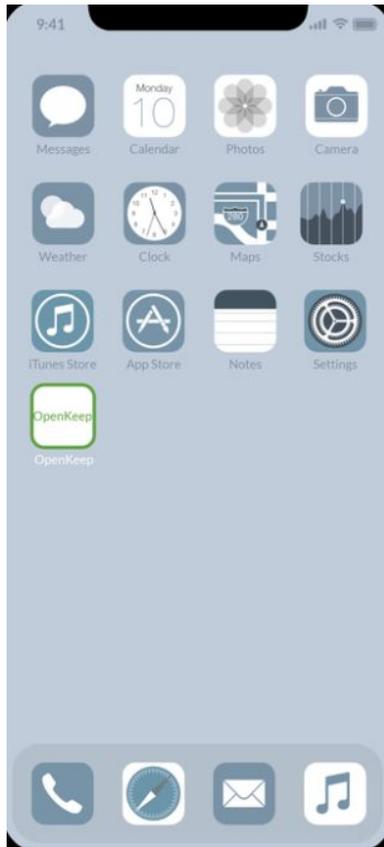
Scanned document 1

Scanned document 2

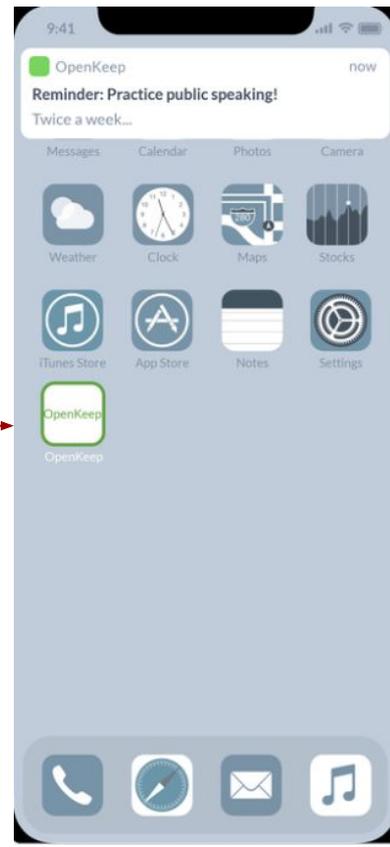


Image Source:
<https://www.dreams.co.uk/sleep-matters-club/sleeping-patterns-affect-sport/>

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User Interface.



Users receives notification.