

Figure 1 Index Page

Figure 2 Index Page - Upload

The index screen of the app combines the “select file to share” and “input share link to download” functions together. It is in order to make users can operate the 2 major activities – upload and download of this app directly once they open the app. When the use choose to select file to share, the “scan QR code” button and “input share link to download” function part will be hidden and a “upload” button will be shown automatically as Figure 8 presents.

User can remove the file he selected by clicking the yellow “X” button.

After selecting the files to share, user should click the “upload” button. Then the reCAPTCHA challenge will show up as Figure 9 presents. User needs to finish the reCAPTCHA challenge to upload the files to share.

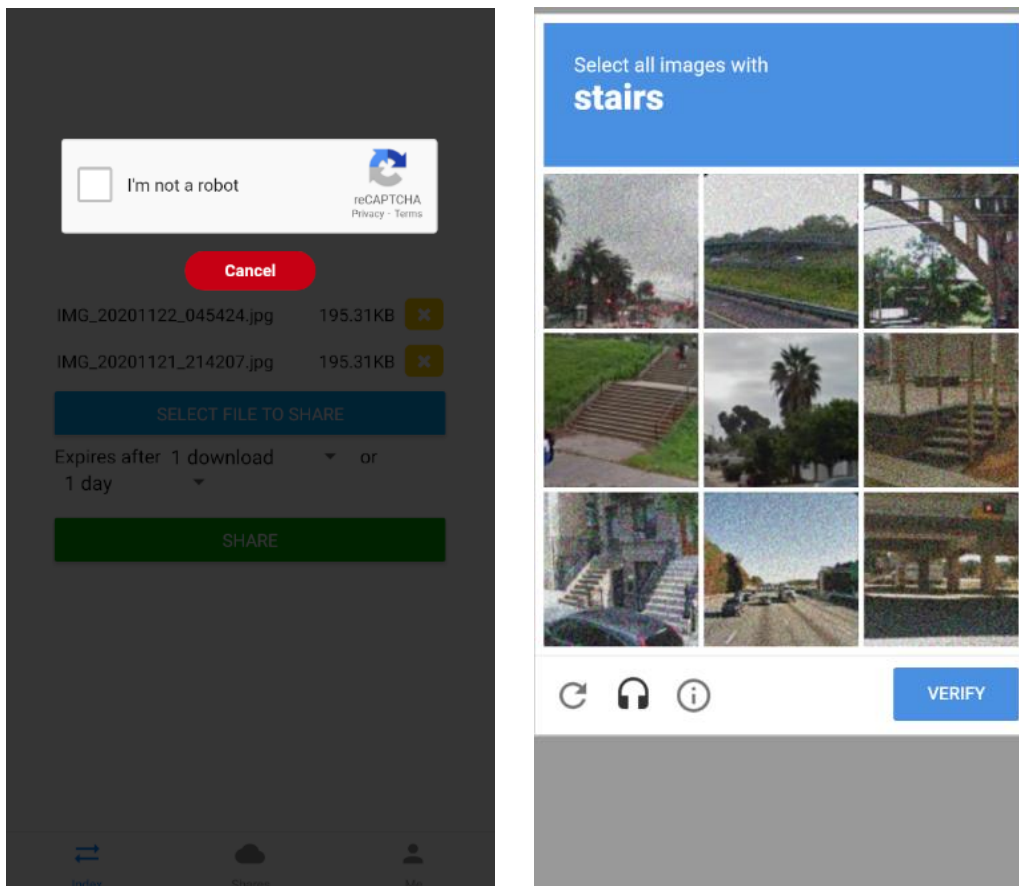


Figure 3 reCAPTCHA

After uploading, the server-side will scan the uploaded files to check if there is virus. If it found virus, the share operation will be terminated immediately, and nothing will be stored on the server. The client-side will receive the result of scanning virus. If the result is no virus, the success screen will show up as Figure 10 presents. It contains a QR code and a share link. User can display this QR code to friends face-to-face so they can scan and

download the shared files directly. He can also click the “copy to clipboard” button to copy the share link to his clipboard and paste the link to other instant message app such as WhatsApp to share the link with his friends.

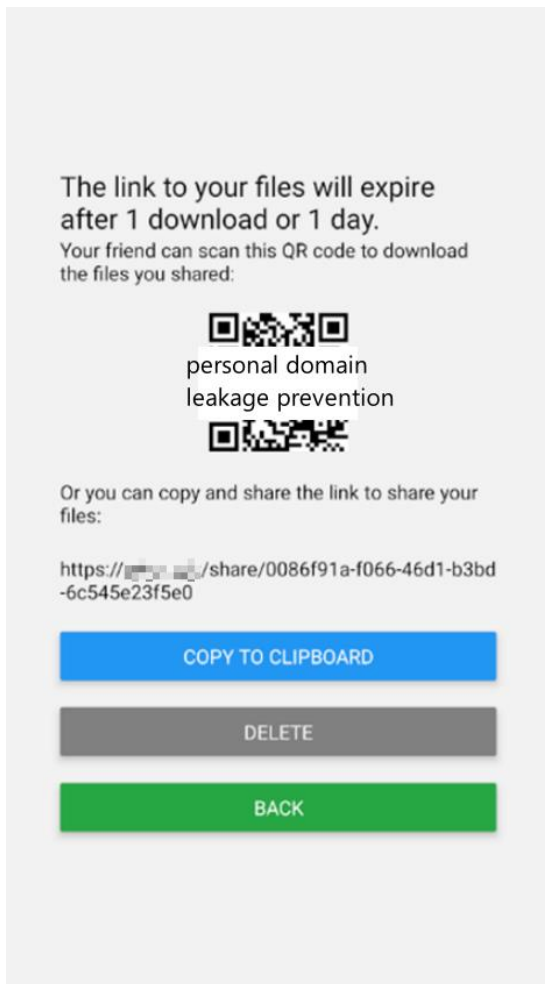


Figure 4 Success Screen

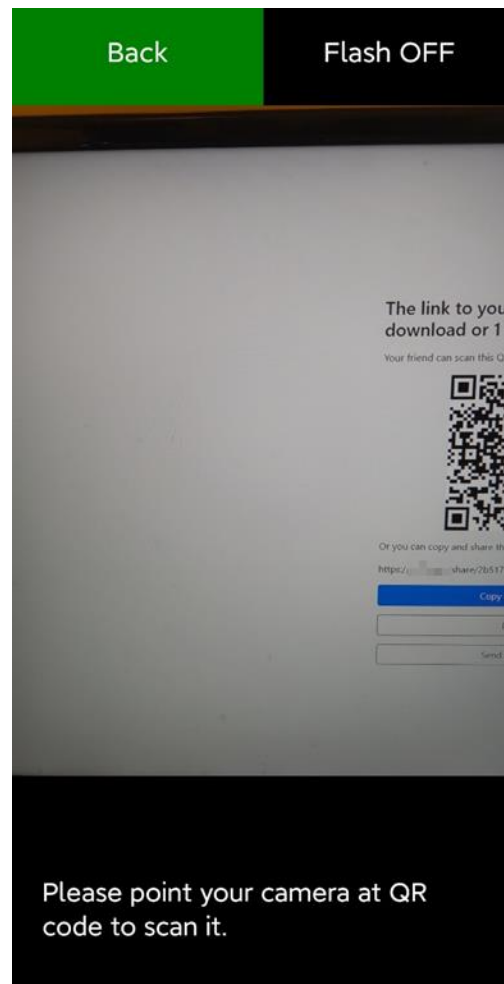
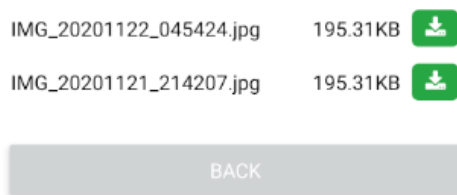
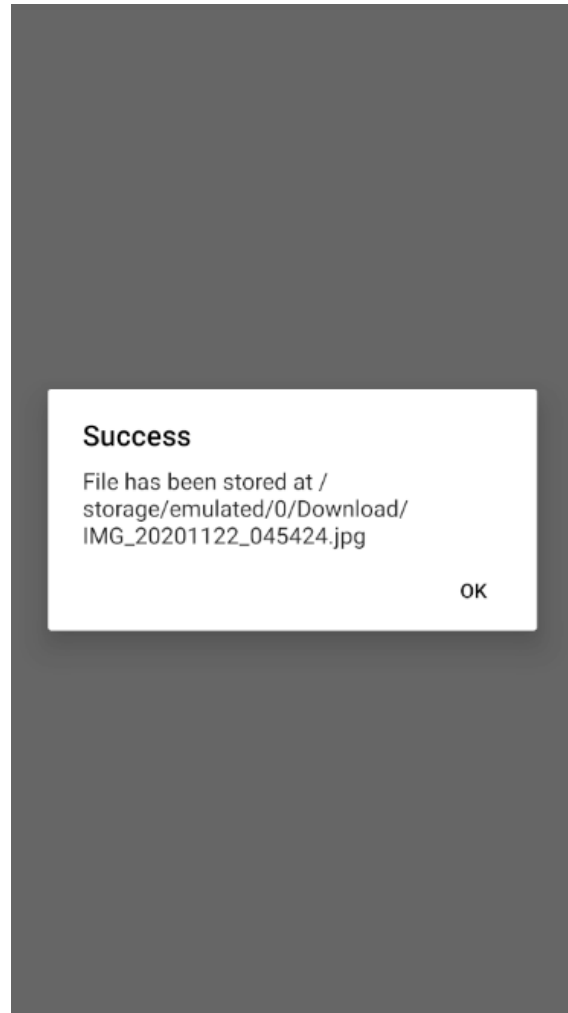


Figure 5 Scan QR Code Screen

If user click the “scan QR code” button on the index page, then the scan QR code screen will show up As Figure 11 presents. User needs to point his camera at the QR code. When the scanner detects QR code, it will automatically open the Get screen and display the shared files of the QR code if it is valid as Figure 12 presents.

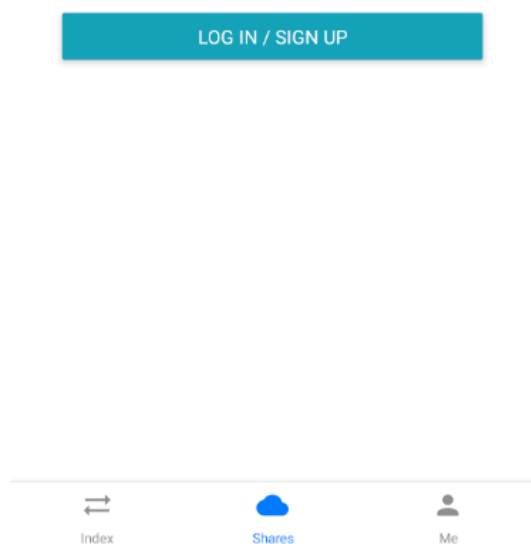


*Figure 6 Get Screen*



*Figure 7 Download File*

User can click the green download button on the right to download the associate file. Figure 13 presents a successfully download process.



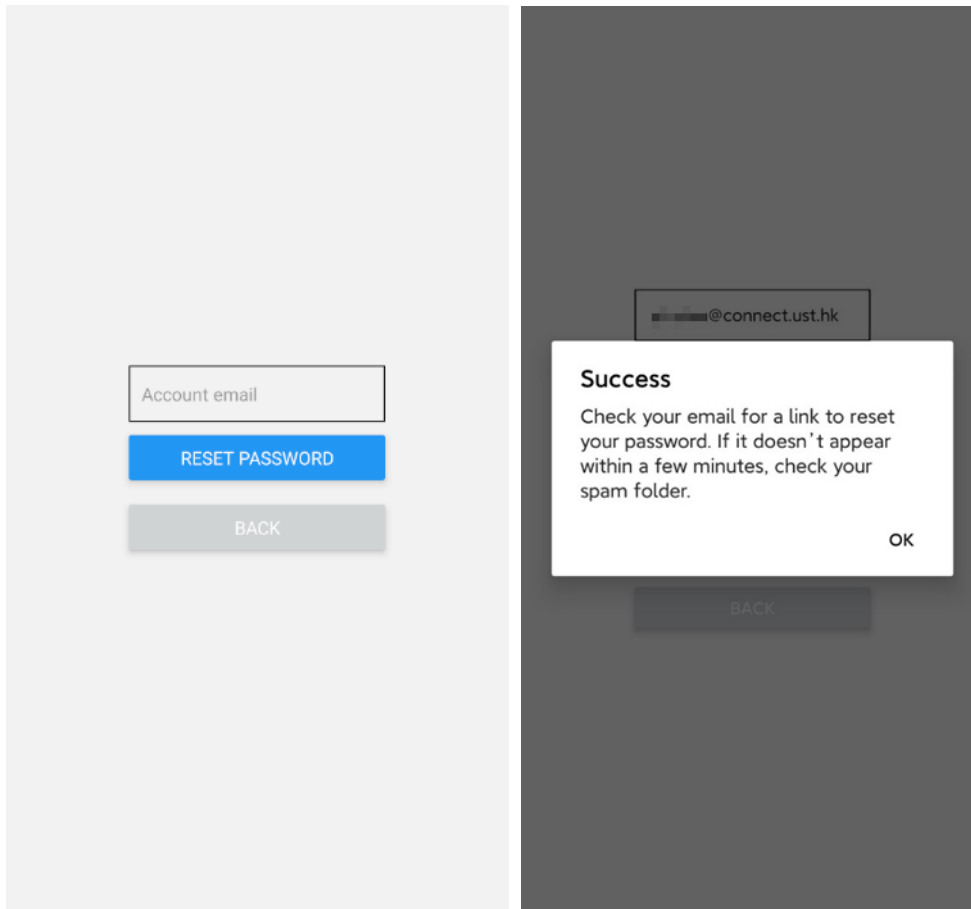
*Figure 8 No Login*

If user hasn't login, the Shares and Me screen will only display a "log in / sign up" button as Figure 14 presents. The user needs to click the button to go to login screen. The login and signup screen are designed as a typical website login / signup screen as Figure 15 presents, to make sure even a brand-new user can understand how to login or signup. The login page is also protected by reCAPTCHA challenge as Figure 9 presents.

The image displays two side-by-side login and signup screens. The left screen is for login, featuring an email input field, a password input field, a blue LOGIN button, a green SIGN UP button, a grey BACK button, and a blue link for 'Forget password?'. The right screen is for signup, featuring an email input field, two password input fields, a blue SIGN UP button, and a grey LOGIN button.

*Figure 9 Login and Signup Screen*

If user forget his password, he can click the “forget password” button. The reset password screen will show up as Figure 16 presents.



*Figure 10 Forget Password Screen*

After inputting email address of account, the user will receive a “password reset” email as Figure 17 presents.

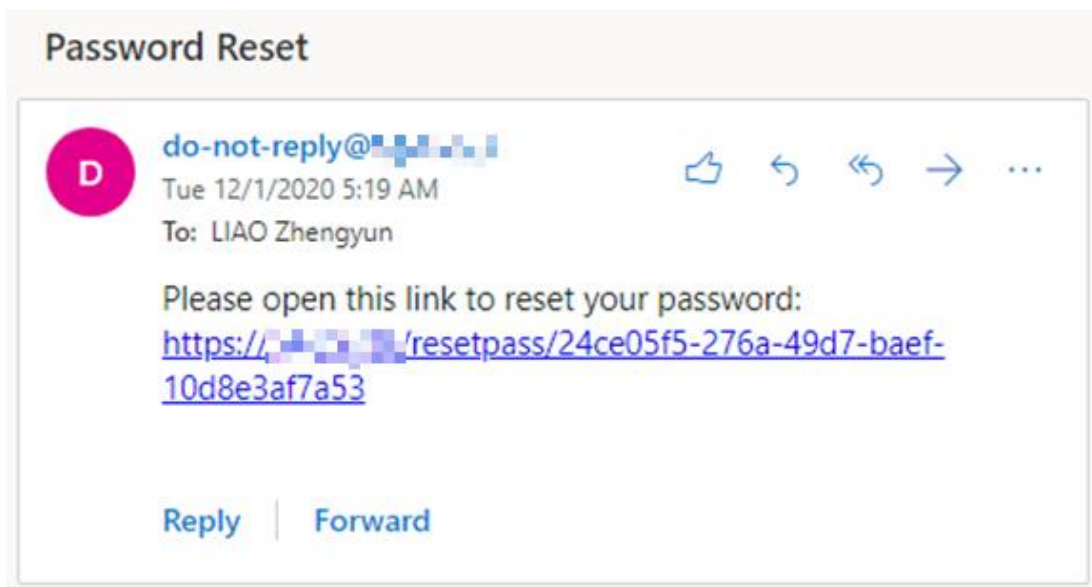


Figure 11 Password Reset Email

User can click the link in the email to open the reset password page on a browser as Figure 18 presents.

A screenshot of a web page titled "Reset password". It features two input fields: "Password" and "Confirm Password". Below these fields is a prominent blue button labeled "Reset password". At the bottom of the form is a light gray button labeled "Back".

Figure 12 Reset Password Page



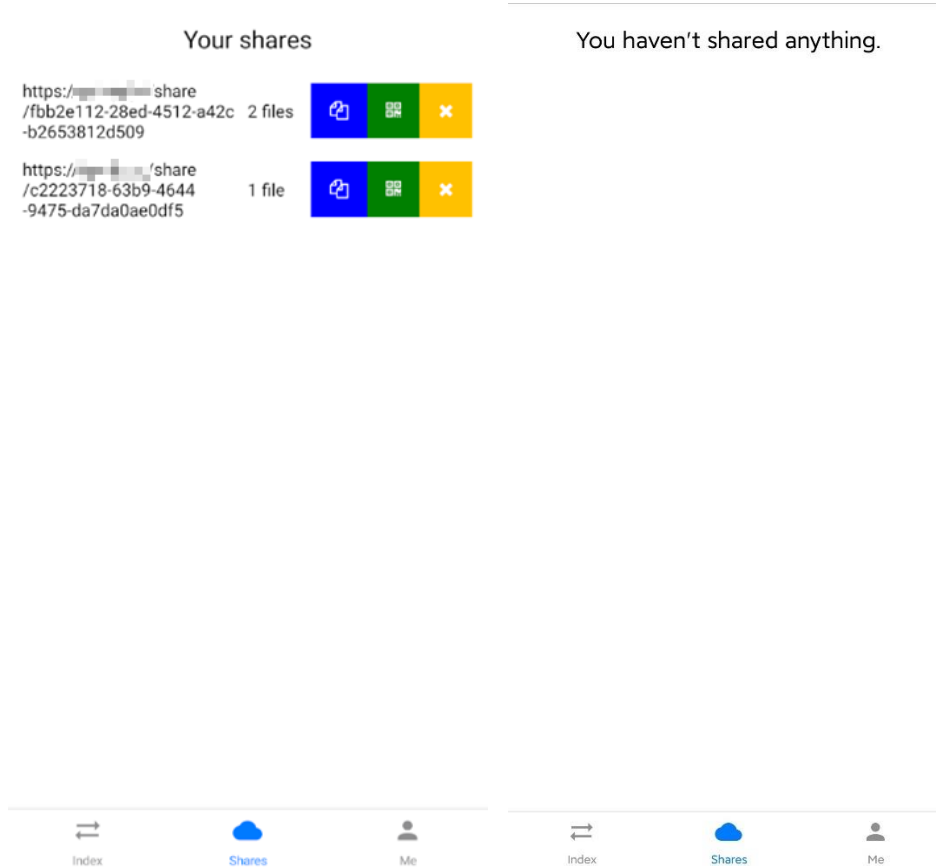


Figure 13 Shares Screen

After login, the share screen will display the share links that account has shared as Figure 19 presents. User can click the link to open the Get screen to download the files they shared. In this way, this app can also be used as a cloud drive. User can click the blue button to copy the share link to clipboard. He can also click the green button to open the Success screen to view the QR code of the share link or click the yellow “X” button to delete the share link and files forever as Figure 20 presents.

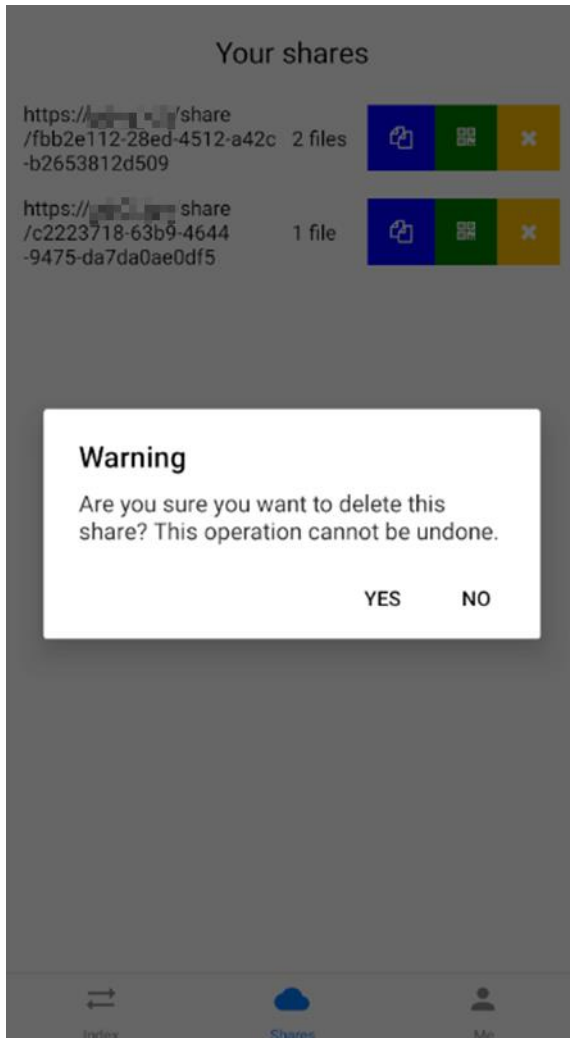


Figure 14 Delete Share Link and Files

The 'Me' screen displays the user's email address and provides input fields for password and new password. It includes buttons for updating the account, deleting the account, and logging out.

[redacted]@connect.ust.hk

Password

New password

Confirm new password

UPDATE AND SAVE

DELETE ACCOUNT

LOGOUT

Figure 15 Me Screen

The Me screen is for user to update the account email or password as Figure 21 presents. User should input the correct current password of the account, then input a new email address or new password to change the email or password of the account. User can also click “delete account” button to delete his account forever. He can also click the logout button to logout.