

Read me for VideoCapture

1. Member

Name: Zhang Chaozhuang UID: 3035347756

Name: Zhi Yuan UID: 3035347835

Name: Zeng Zhijun UID: 3035354486

2. Function

(1) Record mp4 and jpg from mobile device's camera.

(2) Upload the capture data to cloud server or another files in the device.

 Type: audio: mp3

 Image: jpg png

 Video: mp4

 Text: pdf xls

(3) Show the files in the server in the listview.

(4) User can play the files in the server.

 Type: audio

 Image

 Video

 Text files can not be played in this app

(5) User can download files to the device or delete it from the server.

(6) User can view the files by different sort method.

 Method: by file name

 By create time

 By file size

(7) User can choose to file different types of files.

(8) User can click to synchronize the files captured by this app between device and server.

(9) User can view the downloaded files by a listview. User can click to play it. But text files can not be open in this app.

(10) User can delete the downloaded files as well.

(11) Server can find whether the uploading file name is conflict. If it is conflict, reject the uploading file.

(12) Client can find whether the downloading file name is conflict. If it is conflict, rename the downloading file.

(13) User can choose to rename the captured picture and video before it is saved or uploaded.

3. User guide

(1).login, register and reset password. (registered user can click the checkbox <Remember me> to avoid entering username and password repeatedly.)

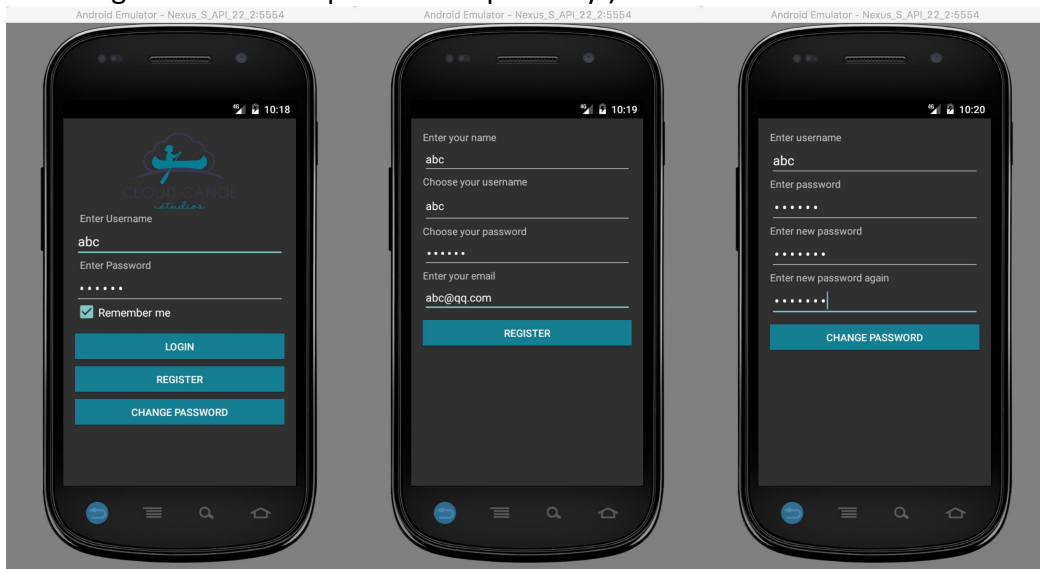


Figure 1

(2). encryption. To protect use's privacy, an encryption module is used to encrypt user's sensitive data both in transmitting (like Figure 2) and storing in the database (Figure 3).

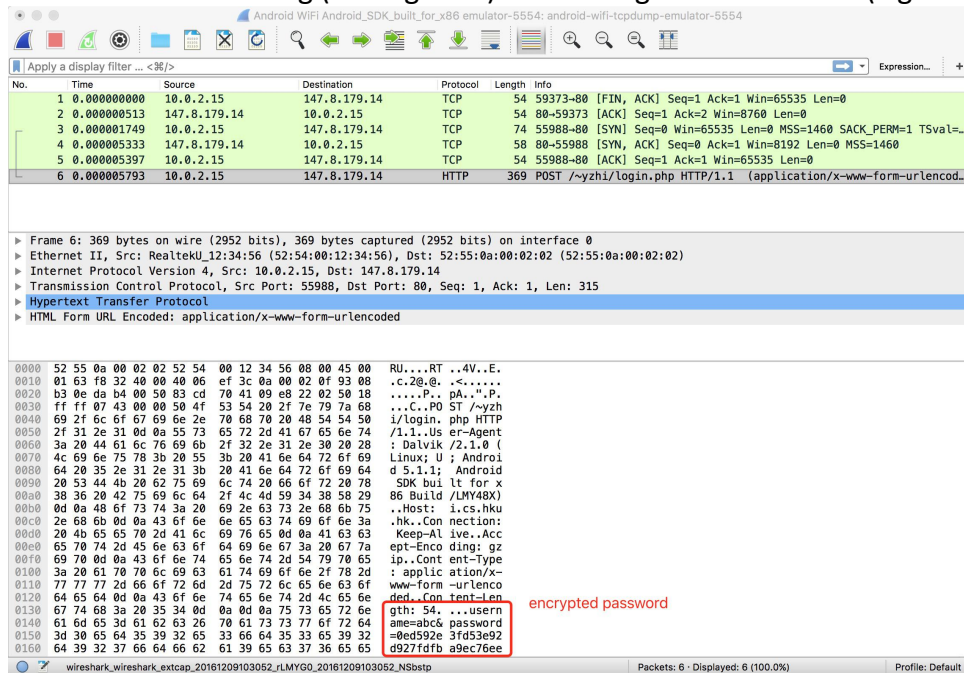


Figure 2

abc	df8748234b2263618a9de7272a2032d9	abc@qq.com
abc1	0ed592e3fd53e92d927fdfba9ec76ee6	abc1@qq.com

Figure 3

(3). Display uploaded files in the server

You can use our test account to test if your phone dose not have enough files.

Username: bln

Password: zzj

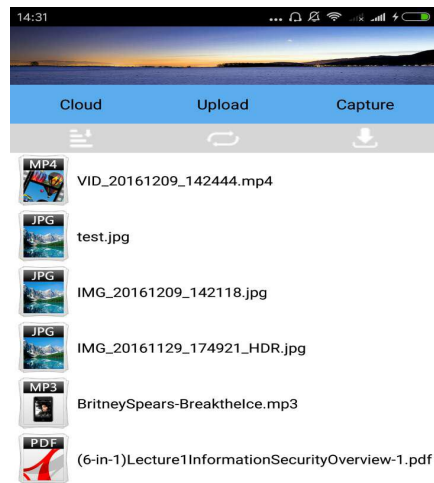


Figure 4

(4). Click the file and play it. Click back key to the main page and you can choose to play another file. Music , image and video will need some time to load. Please wait for a while if the network is ill-conditioned.

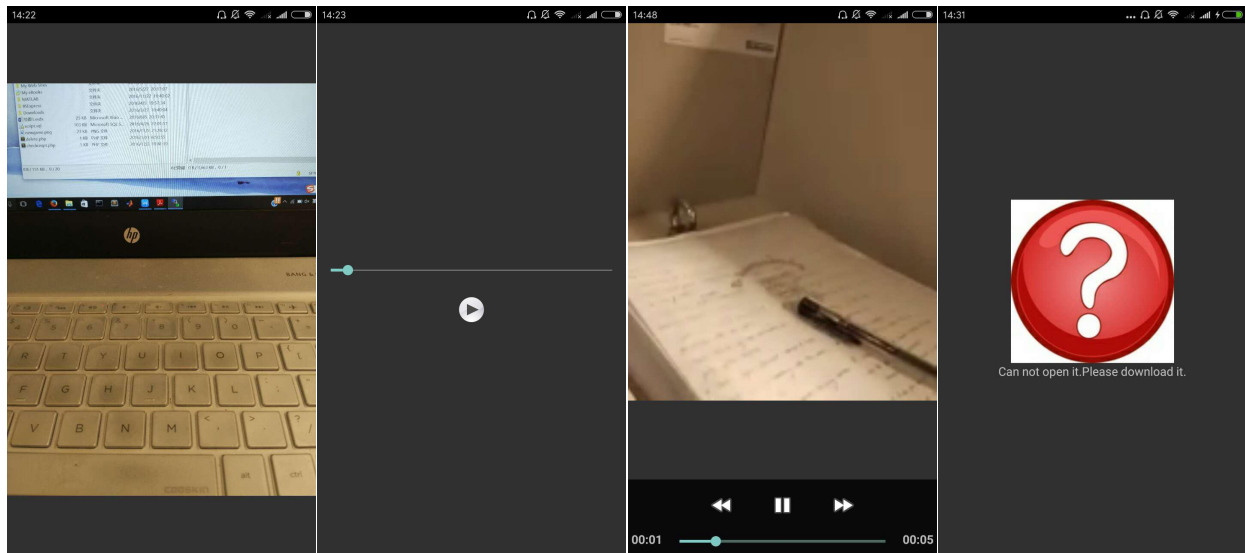


Figure 5-1 Play image file

Figure 5-3 Play music file

Figure 5-3 Play video file

Figure 5-4 Play text file

(5). Long click each item. A view will show at the bottom of the app. You can choose to play it. Or you can Download it or delete it.

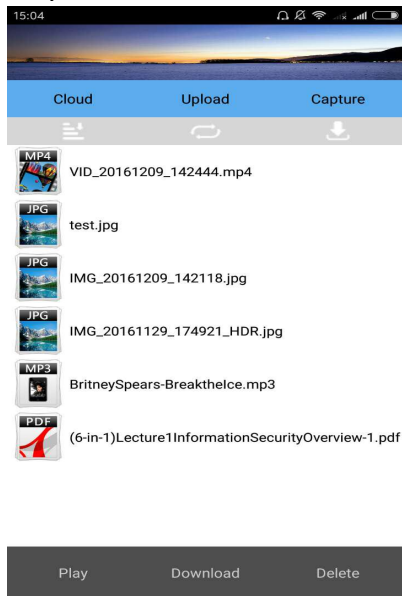


Figure 6-1 Long click items

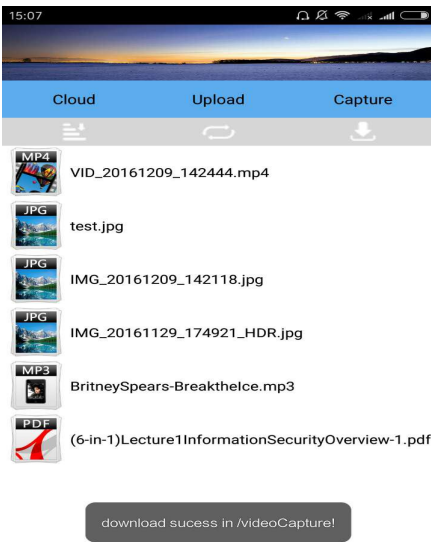


Figure 6-2 Download the file

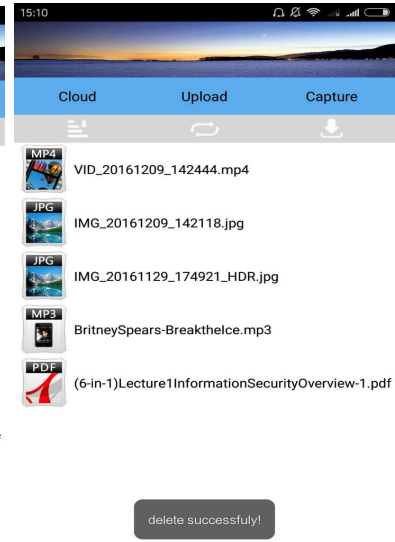


Figure 6-3 Delete the file from server

(6). Click “capture” button to capture picture or video. User can choose to rename the file before it is uploaded or saved. When user click “cancel”, the file will be deleted.

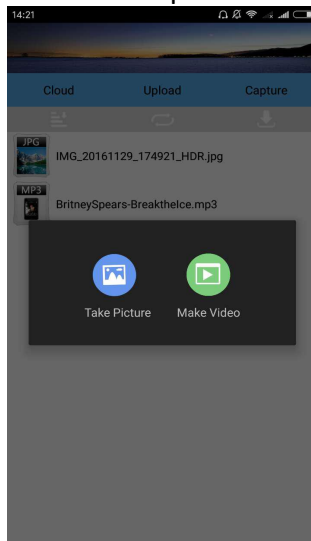


Figure 7-1 Recored

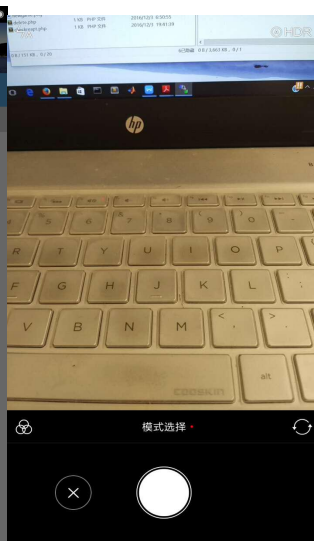


Figure 7-2 Capture picture

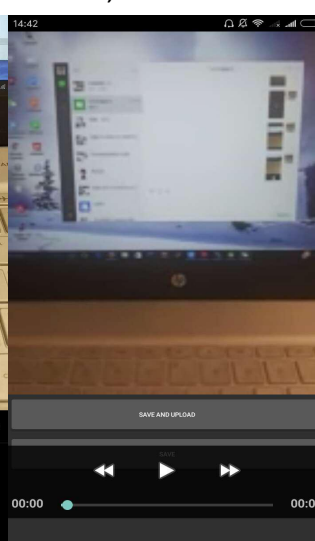


Figure 7-3 After capture video

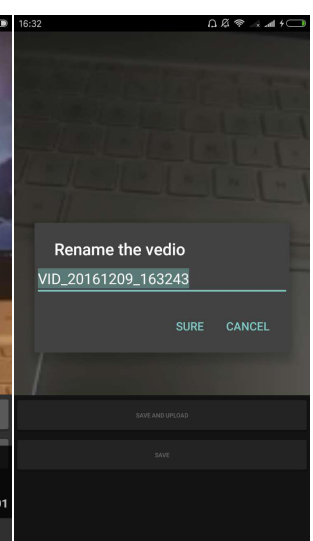


Figure7-4 rename the file

(7). Classify the file in the cloud server. All means you can view all type files in the server.

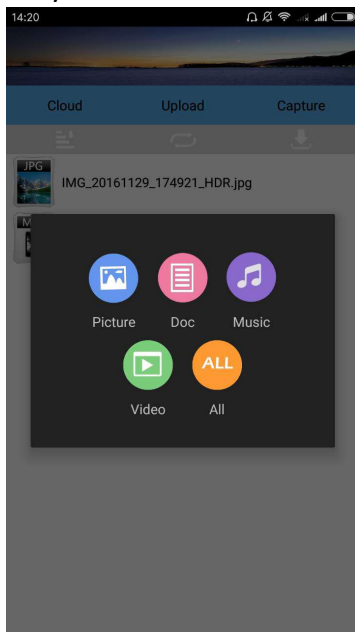


Figure 8-1 Click cloud button

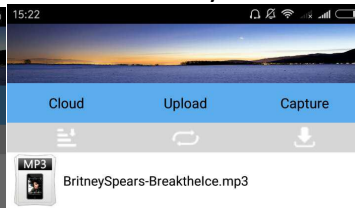


Figure 8-2 show music files

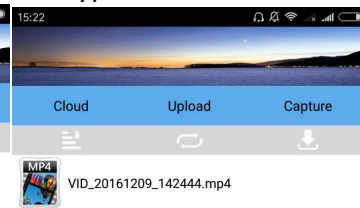


Figure 8-3 show video files

(8). Click “upload” button to choose different upload types of files to the cloud server

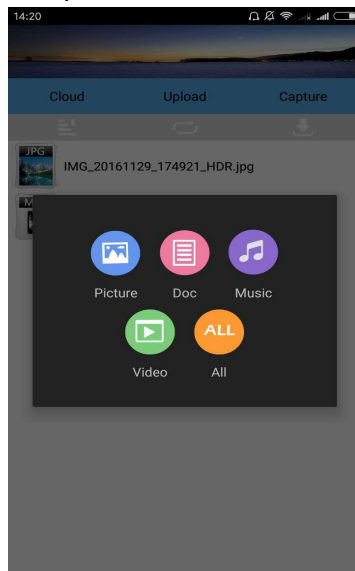


Figure 9-1 upload

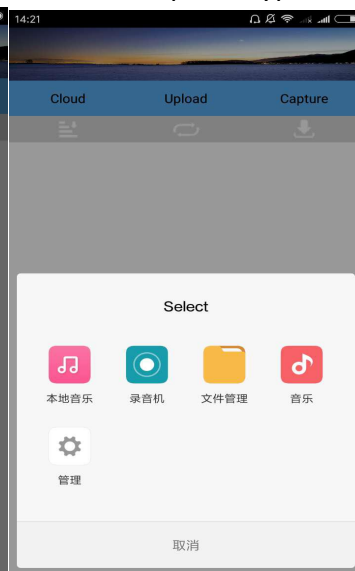


Figure 9-2 upload music files

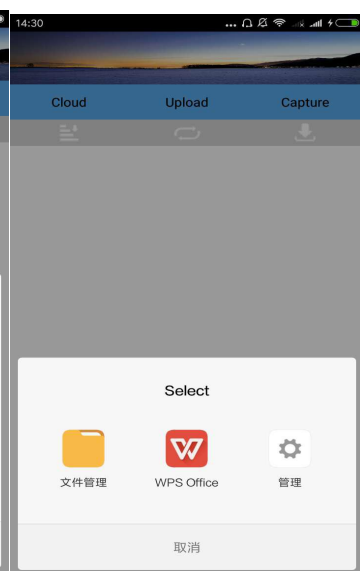


Figure 9-3 upload text files

(9). Click the “sort” button to sort the files in different methods.

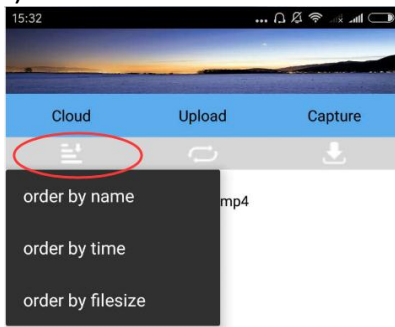


Figure 10-1 sort the files in different methods

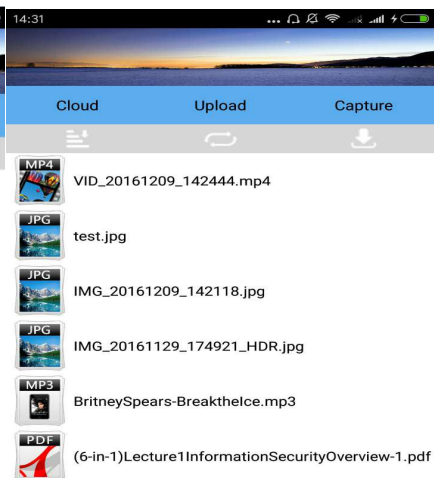


Figure 10-2 sort by file name

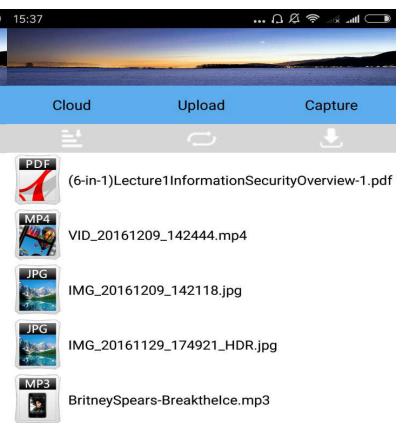


Figure 10-3 sort by time

(10). Click the “synchronization” button to synchronize the files that were captured before between device and server. After synchronization, a new page will show the files in server now.

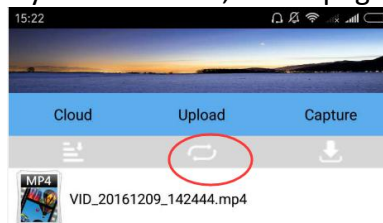


Figure 11 synchronize between device and server

(11). Click the “downloaded” button to view the downloaded files.

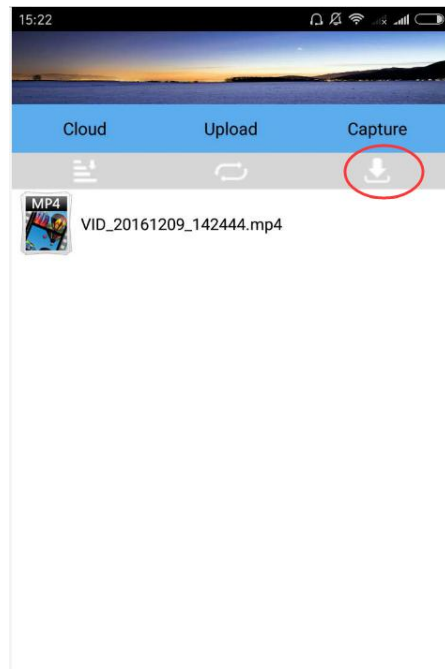


Figure 12-1 view downloaded files

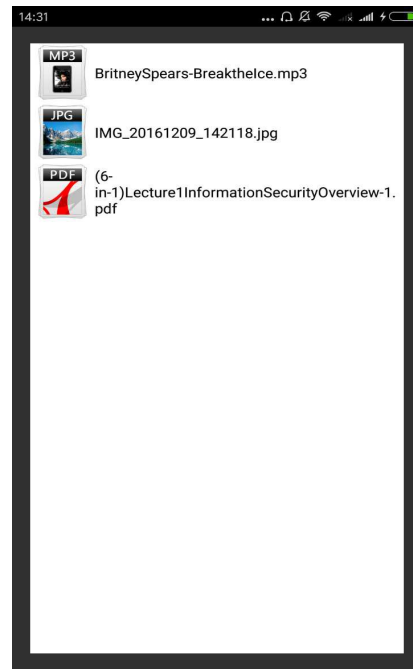


Figure 12-2 downloaded file list

(12). Click each items of downloaded file list to play the files or you can long click each item to delete it from the device. Click back key to the main page and you can choose to play another file. We will not show the similar playing page there.

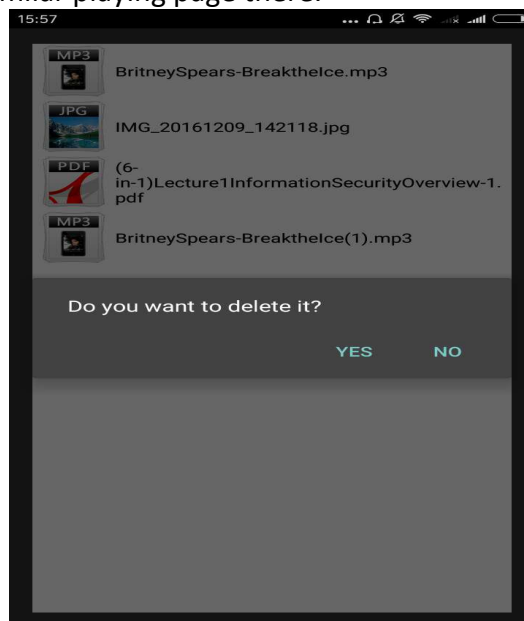


Figure 13 delete file from device

4. Database to save file information

Table name: videos






















Database account

\$db_user = "zjzeng"

\$db_pwd = "Wgtvf69"

You can change it to your database account.

You should change it in "checkreapt.php", "delete.php", "listview.php" and "upload.php". And you should import the videos.sql to your database to setup the videos table.

← T →		id	username	createtime	filetype	filesize	filename
<input type="checkbox"/>	 编辑  复制  删除	1	bln	2016-12-09 14:19:38	audio	3663	BritneySpears-Breakthelce.mp3
<input type="checkbox"/>	 编辑  复制  删除	2	bln	2016-12-09 14:20:40	image	3224	IMG_20161129_174921_HDR.jpg
<input type="checkbox"/>	 编辑  复制  删除	3	bln	2016-12-09 14:21:55	image	3770	IMG_20161209_142118.jpg
<input type="checkbox"/>	 编辑  复制  删除	7	bln	2016-12-09 15:47:27	video	24	VID_20161209_144153.mp4
<input type="checkbox"/>	 编辑  复制  删除	5	bln	2016-12-09 14:25:16	video	143	VID_20161209_142444.mp4
<input type="checkbox"/>	 编辑  复制  删除	6	bln	2016-12-09 14:31:03	text	0	(6-in-1)Lecture1InformationSecurityOverview-1.pdf
<input type="checkbox"/>	 编辑  复制  删除	8	bln	2016-12-09 16:32:15	image	4017	britney.jpg

5. Test phone

Actual device: Android 5.1.1 api 22 Resolution:1920*1080

AVD: Nexus S api 22 Resolution 480*800

6. Server

Server path can not be change in this app.