WriteDown Progress Report 3

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OCR Recognize

Goal: Recognize text from image,connect recognized text output as string for translate

Techonology: Android studio in Java.

Next step: improve the interface.

Libraries: Google vision library

Demo:https://www.youtube.com/watch?v=s0E0GXBpa7U&feature=youtu.be

WritingTable

Goal: Create a canvas for the users to use. And the users can save the canvas as image. and clear the canvas. Also can delete a single stroke(undo).

Techonology: Android studio in Java.

Next step: improve the interface, make the WritingTable looks like more fancy.

Demo for WritingTable

Demo Link: https://youtu.be/G0uaCJeXKkY

Login/Register/Adaim

Goal: Adaim page used to manage user accounts, user page is the functional login/register page, allow users to register unique username for the account.

Technologies used: Java ,SQLite.

Demo: https://www.youtube.com/watch?v=eE4TtWzdVjs&t=1s

Update(password change)/Listview(History Board)

Goals: Let users change their password by matching their user information. List view to list current user's saved Img file, and the function to ACTION_VIEW on the listview page.

Next Step: Complete user type for ban user. Add function to delete notes from listview.

Baidu translation API

Goal: send the request to the Baidu translation api, get the translated result , send the result to the listview

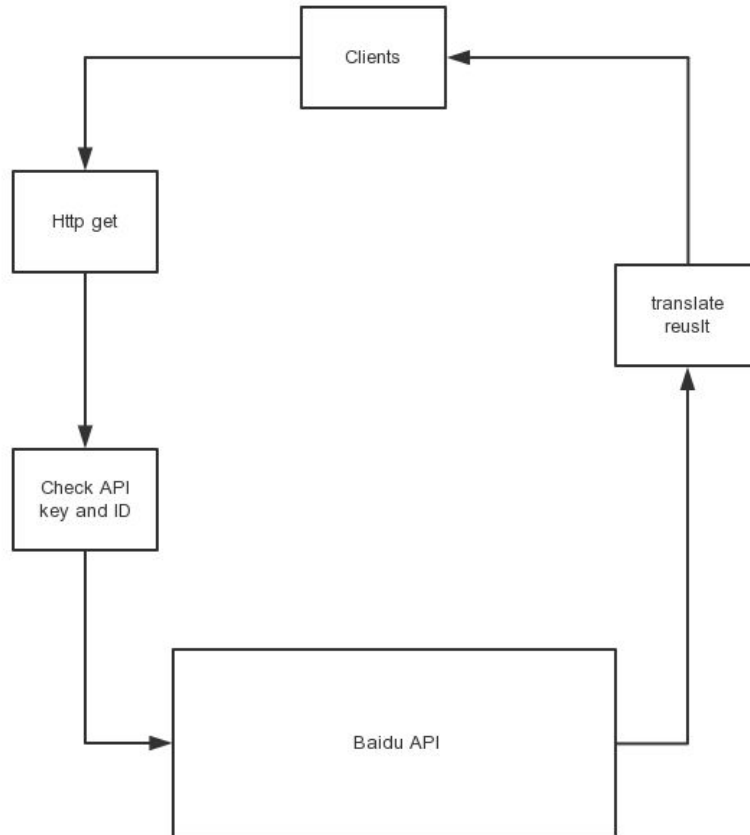Programming language: Jave in android studio

Frameworks: show below

Libraries: java.util, baidu translate,google gson.

Next step: imporve UI and complete the system.

Frameworks

Transaltion API Demo

https://youtu.be/zQNRKGeuSk8

E-R model

https://www.processon.com/view/link/5c881368e4b0afc7440f1a42