

Write Down android application

easy write easy translation,let’s start handwriting translation!!!

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Abstract

At present, the number of overseas Chinese students is increasing day by day. Due to the language barrier, it is impossible to translate and understand the professor's meaning timely in foreign classes. This provides an opportunity for the further development of mobile instant translation. The Android system is the smartphone operating platform with the largest market share. The design and implementation of the translation software based on the Android platform can provide high-quality and accurate English translation services, providing great help for international students to learn and use English.

Write down is a handwriting recognition and translation software based on android operating system developed by our CSC490 team. The software USES Baidu API and OCR API as the technical title of design and development, SQLite as the software database, MVC mode as the framework of the application program. The whole application system by the tablet module, handwriting recognition module, translation module to achieve the basic translation function, another set of historical record board, user Settings and other auxiliary functions, users can through the system for handwriting recognition, online simplified Chinese in English translation, translation results and other operations.



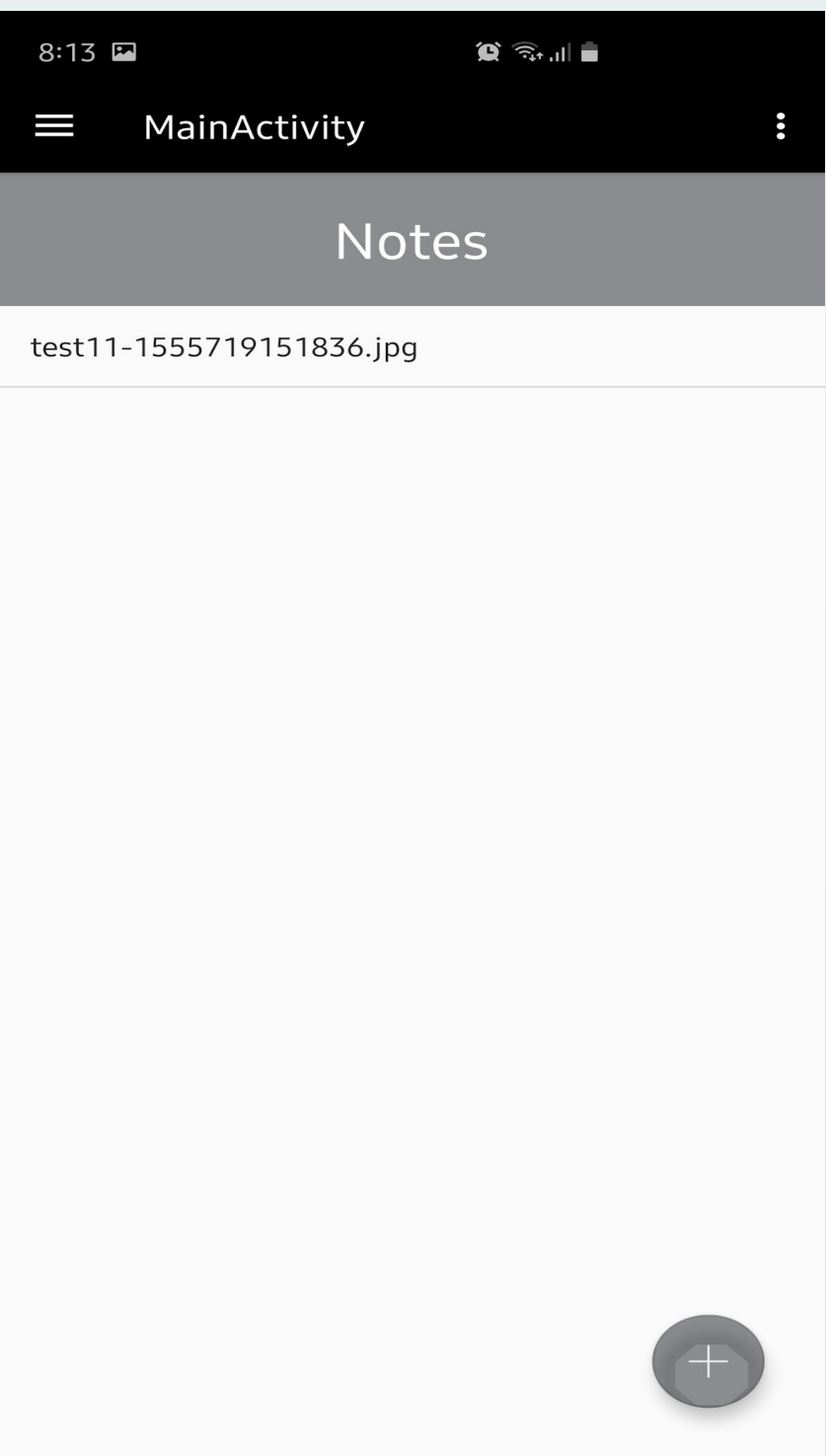
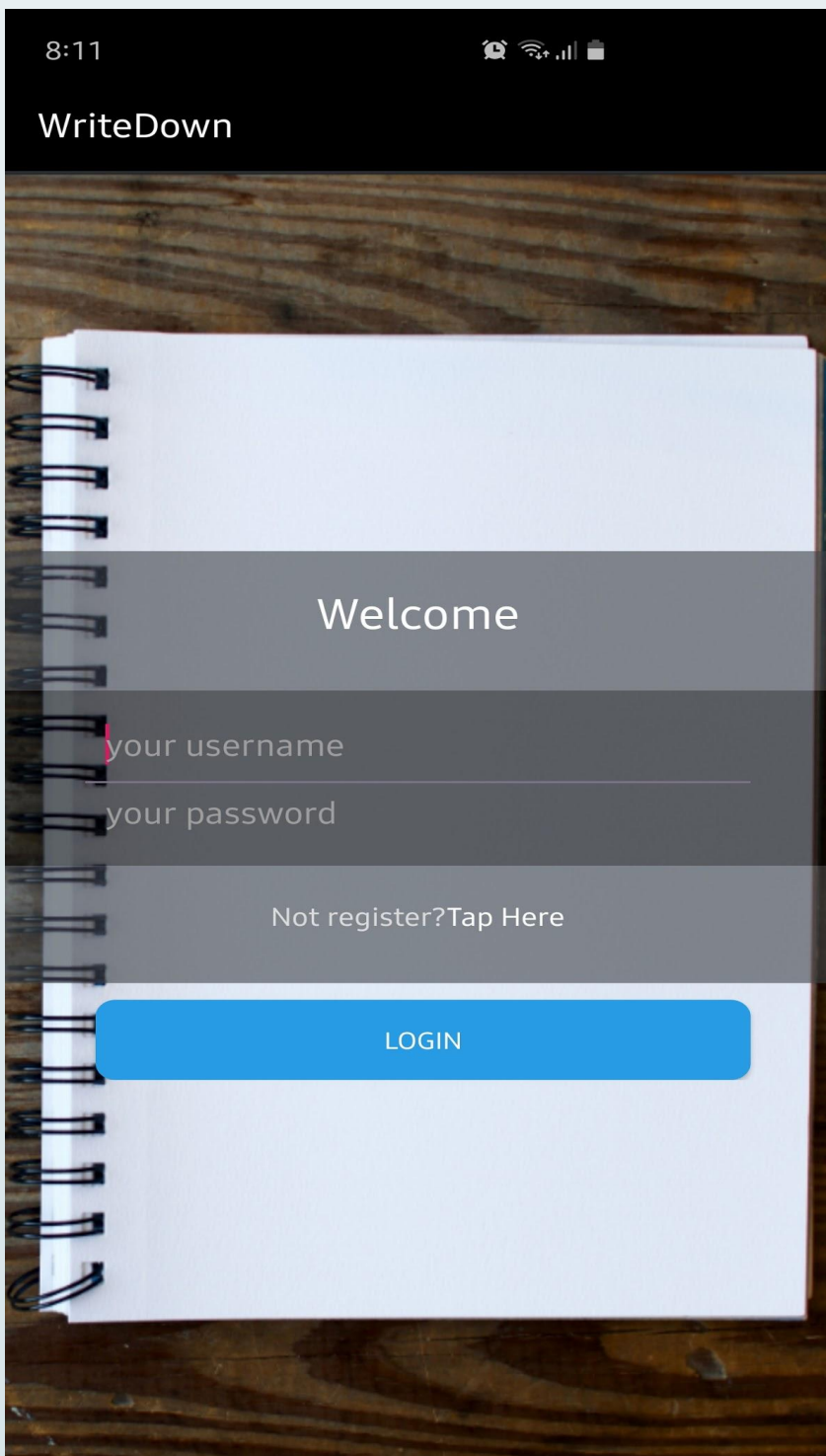
Some Awesome features

- When you take notes in class, some words don’t make sense. Don’t worry, our application will automatically translate into Chineses.
- Save your notes in your device.

Now free to use.

Let’s try!

Try us!



Introduction

This application generally works for international students to take notes in class. According to the report, millions of international students come to America for study, for most of those students are suffering from the understanding of the classes, because of the unknown words. At this point, “write down” is the application can help them get to know the course clearly. The goal for “write down” is to use the original way like the notebook to allow students to take notes on the electronic devices, and in the meantime, it will recognize the handwriting by users and translate to their languages which can help students learn their course better. And also, these notes which users were created can be saved as their own account, the users can easily view edit, delete and download their notes all the time. Also, The purpose of shard board is to allow users allow to their notes online for a better learning. This application will be available for the Android operating system first.

Future work

At present, we only provide handwriting recognition translation from English to Chinese.In the future, we plan to expand more translation languages to better serve international students to study in the United States, and achieve multilingual handwriting recognition translation into English. At the same time, we also hope to add more translation forms to ensure the functionality of the translation software, such as adding new photo translation function, uploading document translation function, and sharing translation notes to the cloud and so on.