README

图片加载失败 IELTS VOCO (HKU7506) This is a Android app for improving your memory in vocabulary.

How to setup it

(For usage)

Download APK in the release

(For development) Just setup frontend

prerequisite

- Have Java 23
- Have NodeJS >= 18
- Download Android SDK > 25

Step 1 Download all package

Input these commands in your root path

```
1   npm install -g yarn
2   yarn install
3   yarn android
```

if every thing setup well, you can see a emulator or if you have real android smart phone and setup adb, you can see a package install in there

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(For development) setup backend

Backend is written in Python, so you need to setup Python in your IDE, my environment is python3.8, you can use miniconda to setup it.

prerequisite

- Have Python 3.8
- Have pip

```
1    cd backend
2    pip install fastapi uvicorn mysql-connector-python # maybe more package
3    # if you can run this command, you can see a server start
4    python app.py
```

Change file link

1. Find your IP address with `ipconfig` command
2. Setup your database, you can use our sql script in `backend/sql` folder
3. Add a `.env` file like

```
1    MYSQL_PASSWORD=Your password
2    MYSQL_DATABASE=voco
3    MYSQL_HOST=127.0.0.1
```

in your backend folder

4. Change `frontend/request/requestWrapper.ts` change backend to your backend address