

Name of the Project : Language translator directly from Android Camera

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Name of the application: Babel Language Translator

Description of your app

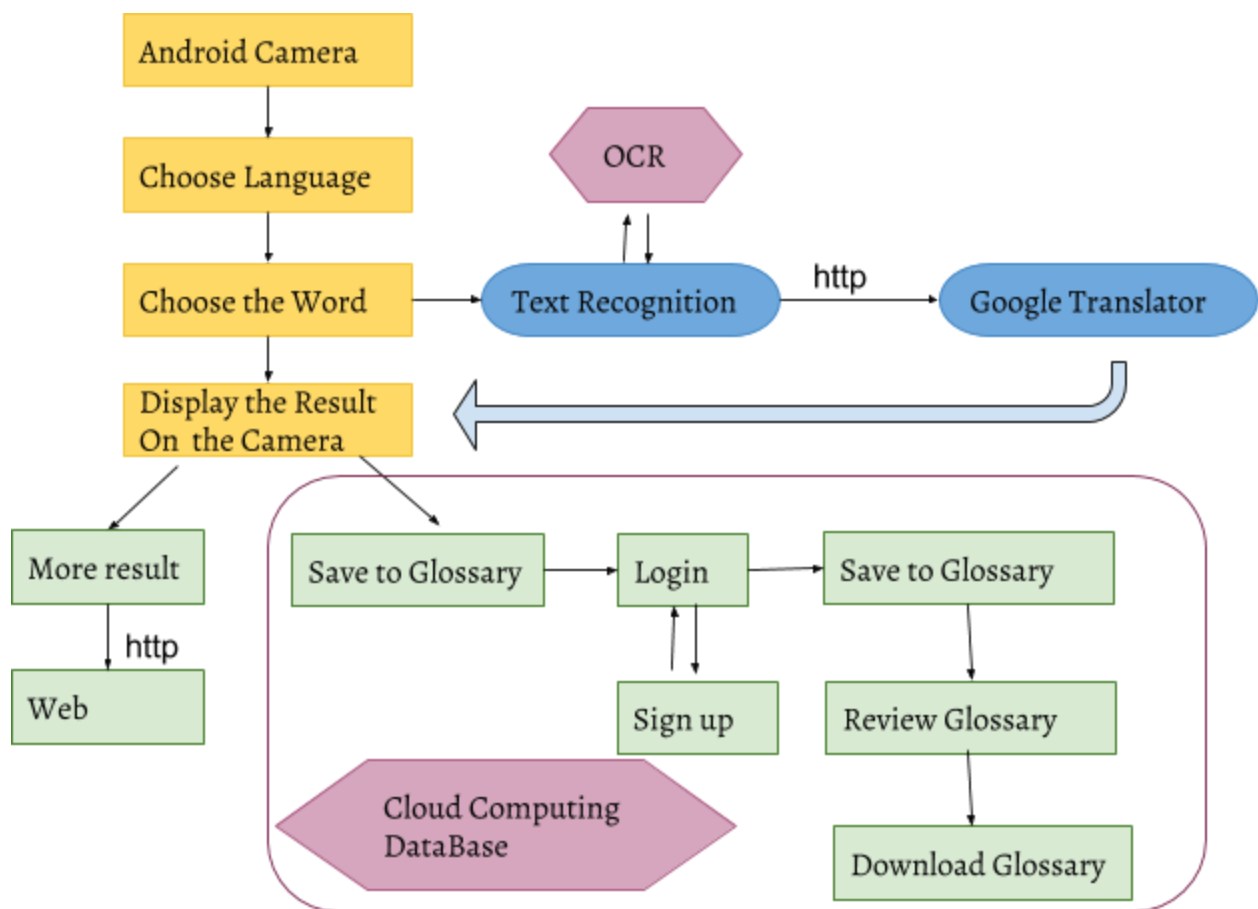
This application helps you translate words by using the camera, making this app more handy without typing every word. Users can simply take a picture of the print text by their cell phone, and our app will recognize the text then display the meaning on the screen or through audio.

This app supports different languages, and users can create their own account then save their own glossary to cloud, and easily retrieve their information by logging in their account.

Application feature list

Android camera API, Optical character recognition (OCR), translator API, Cloud Computing

Application flow diagram (UI frame work)



Milestone (Time line) - Weekly

WEEK 4: Research and Design

WEEK 5: UI Design

WEEK 6: Text Recognition through camera

WEEK 7: Google Translator API

WEEK 8: Display image on screen and through audio

WEEK 9: Backend Implementation

WEEK 10: Testing and Deploy the app

Final demo date

Jun. 9. 2017 Friday