LANGUAGE MASTER APP

TK Chung

Problem Statement

- Are you a fan of BTS? Do you enjoy J-POP? Are you keen to learn Japanese or Korean?

- Do you find learning Japanese or Korean difficult? Or you like J-POP, J-Drama, K-POP, K-Drama that you cannot decide which one, Japanese or Korean to learn?

- Your hesitation is over!!! With **Language Master APP**, there is no need to choose…you can learn **BOTH** Japanese and Korean!

- Too good to be true? Check this out! **Language Master APP** uses research in language study to mimic how children learn native languages **naturally**

Proposed Solution

Watch this TED Talk:
The secrets of learning a new language
Lýdia Machová
(Speaks 8 different languages)

- Do you find learning complex grammar, syntax and vocabulary boring?

- Have you wondered how children learn native languages without classroom, grammar rules, complex syntax?

- Learning languages need to be **fun**, you learn when you are **enjoying**, not when you are falling asleep memorising grammar & vocabulary

Proposed Solution

Language Master APP has the following characteristics:

❖ **Self-directed learning**: Language Master does not PUSH a ton of content like a traditional textbook. The user decides what he or she wants to learn and **PULL** from the APP

❖ **Repeated Listening**: This is how a child learns by keep listening to the caregiver repeat words & phrases

❖ **Speak Up!**: Like how a child learns by speaking, Language Master APP allows user to practice speaking & pronunciation and through speech recognition. The words spoken are displayed to the user with a confidence score

❖ **Mult-level:** Language Master APP caters to a range of learners from Beginner to Expert levels

Deployment

Four Pathways for Beginner to Expert Levels

Language Master Android APP
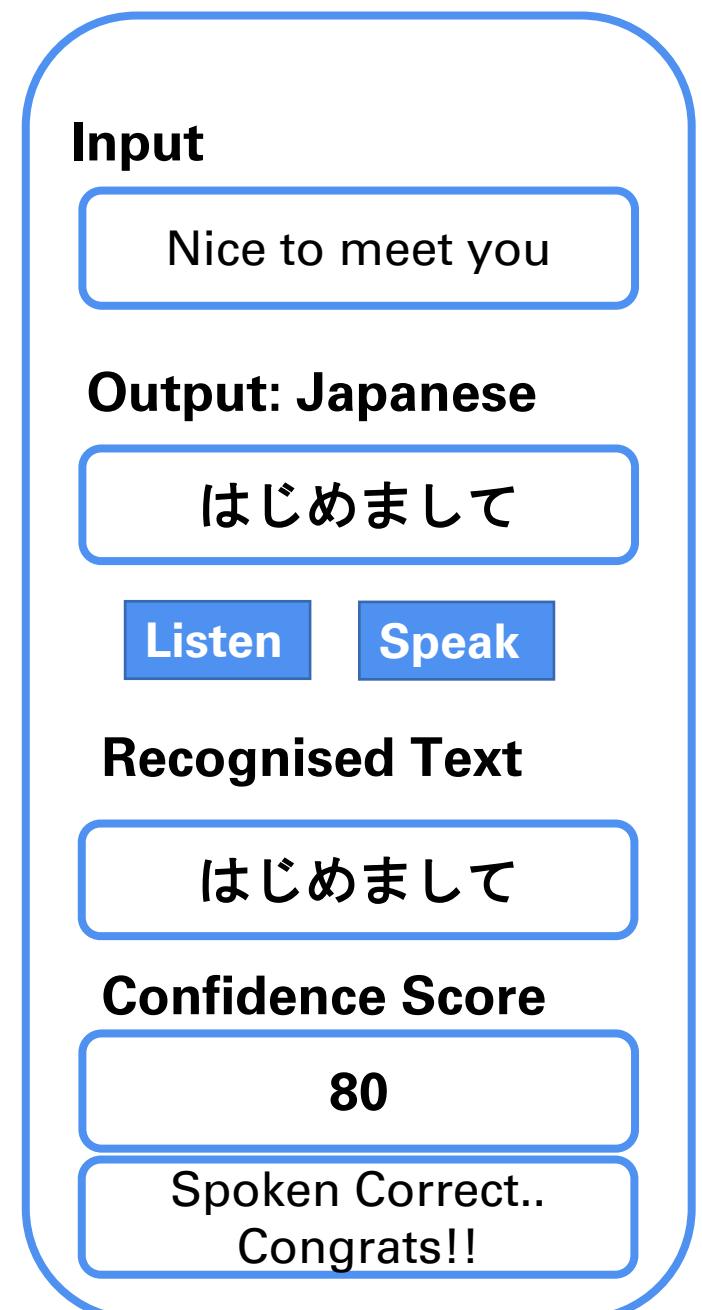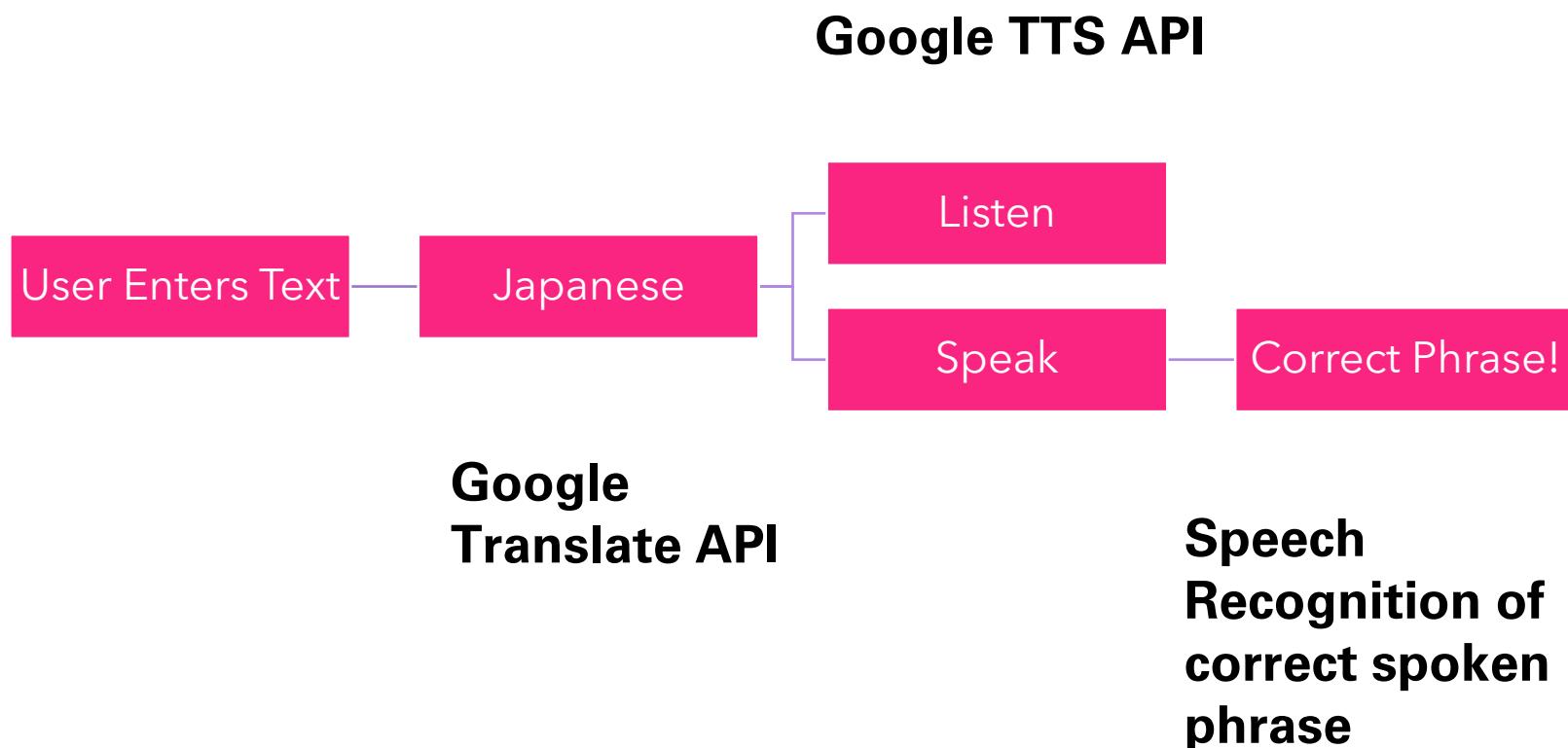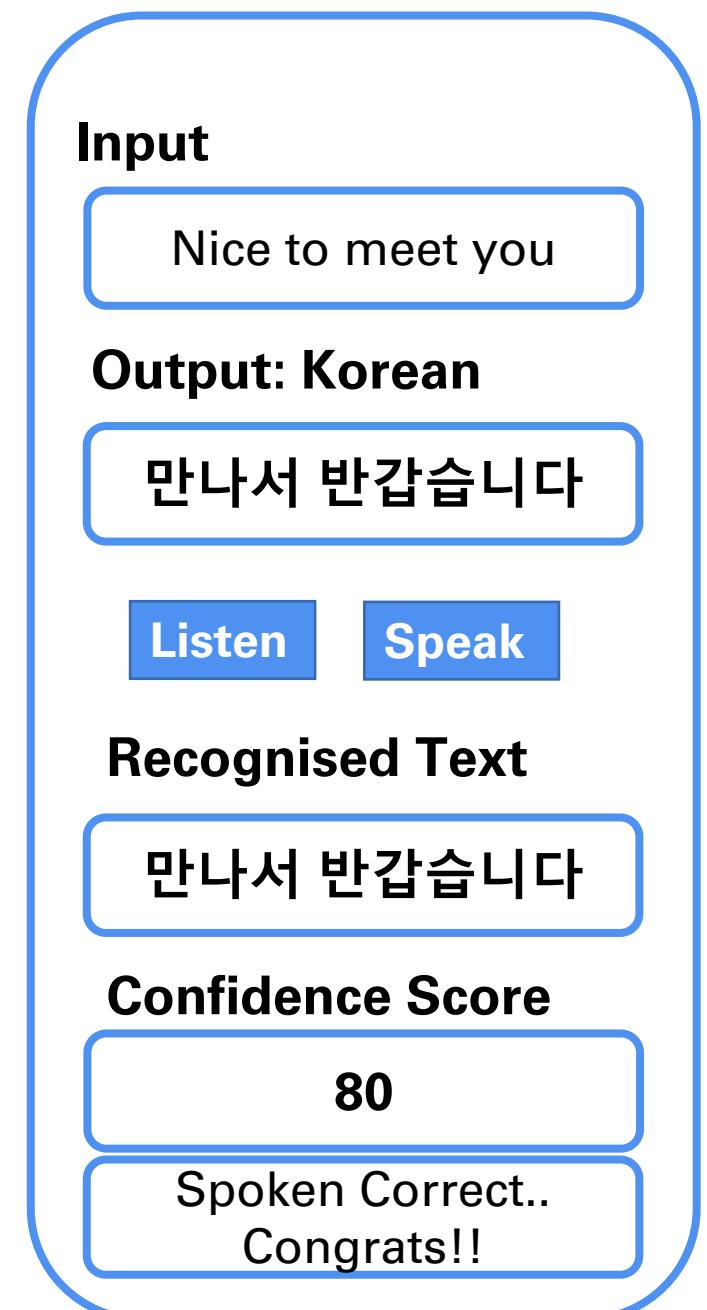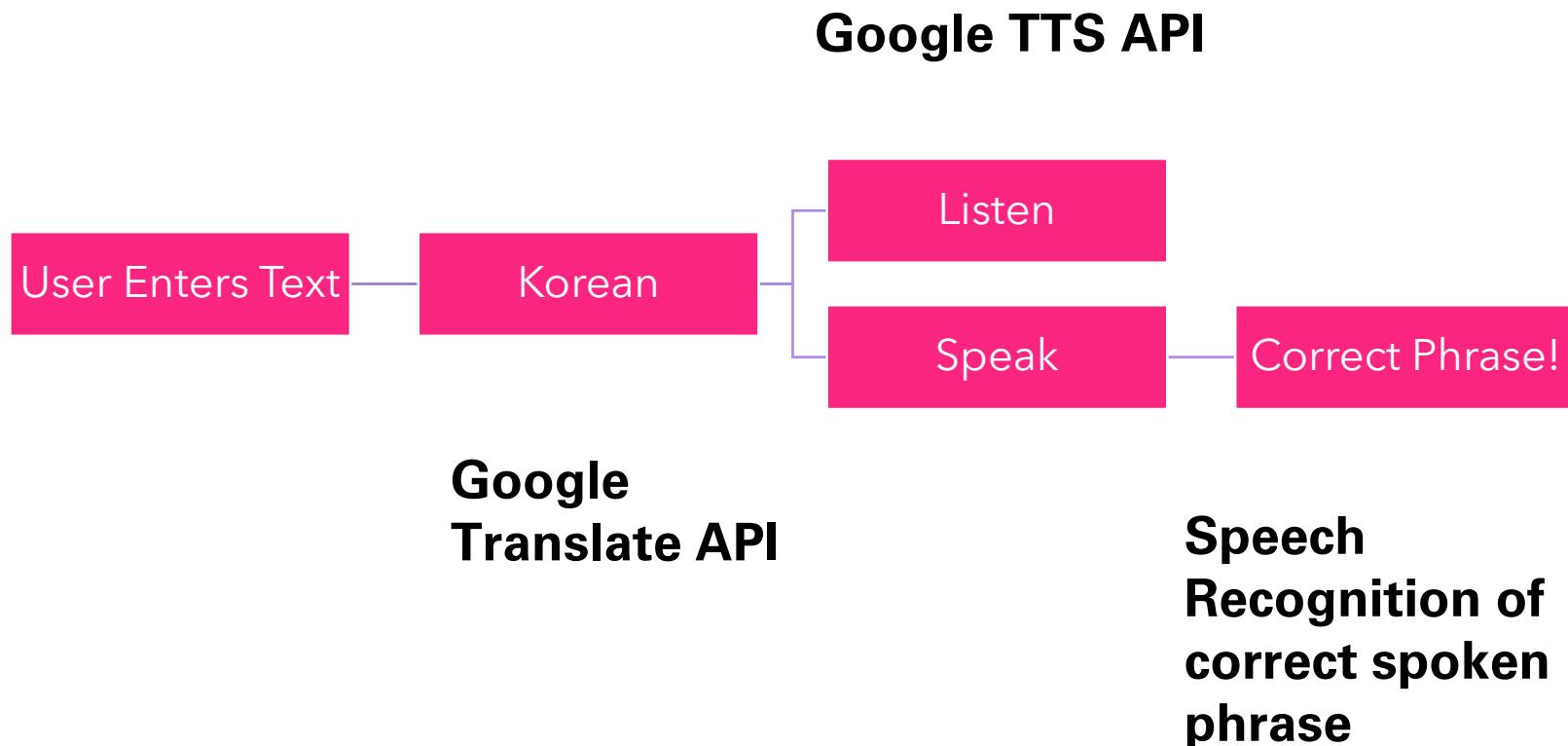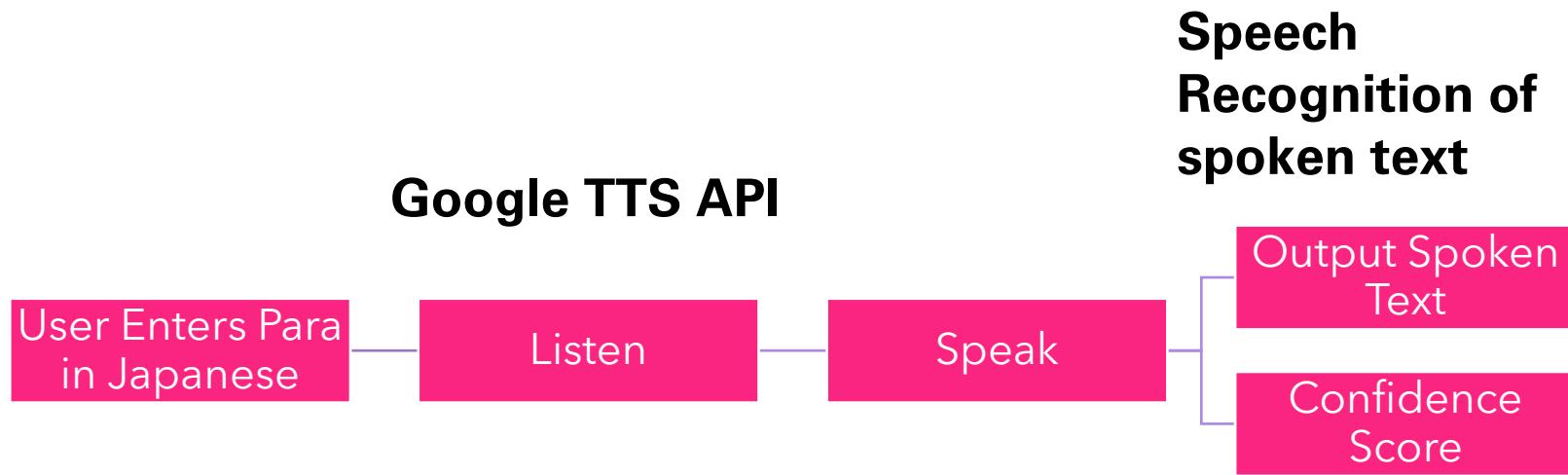
Deployment: Beginner Path JP

Google TTS API

User Enters Text — Japanese — Listen

Speak — Correct Phrase!

Google Translate API

Speech Recognition of correct spoken phrase

Input

Nice to meet you

Output: Japanese

はじめまして

Listen   Speak

Recognised Text

はじめまして

Confidence Score

80

Spoken Correct.. Congrats!!

Deployment: Beginner Path KR

Google TTS API

User Enters Text — Korean
- Listen
- Speak — Correct Phrase!

Google Translate API

Speech Recognition of correct spoken phrase

Input

Nice to meet you

Output: Korean

만나서 반갑습니다

Listen **Speak**

Recognised Text

만나서 반갑습니다

Confidence Score

80

Spoken Correct.. Congrats!!

Deployment: Expert Path JP

Google TTS API

Speech Recognition of spoken text

User Enters Para in Japanese — Listen — Speak — Output Spoken Text / Confidence Score

User compares output text & original para to see where are the deviations and learn from it

Input

インドネシア政府は新型コロナウイルス対策として首都などで続けてきた大幅な活動制限について、一部を緩和する方針を示しました。

Listen   Speak
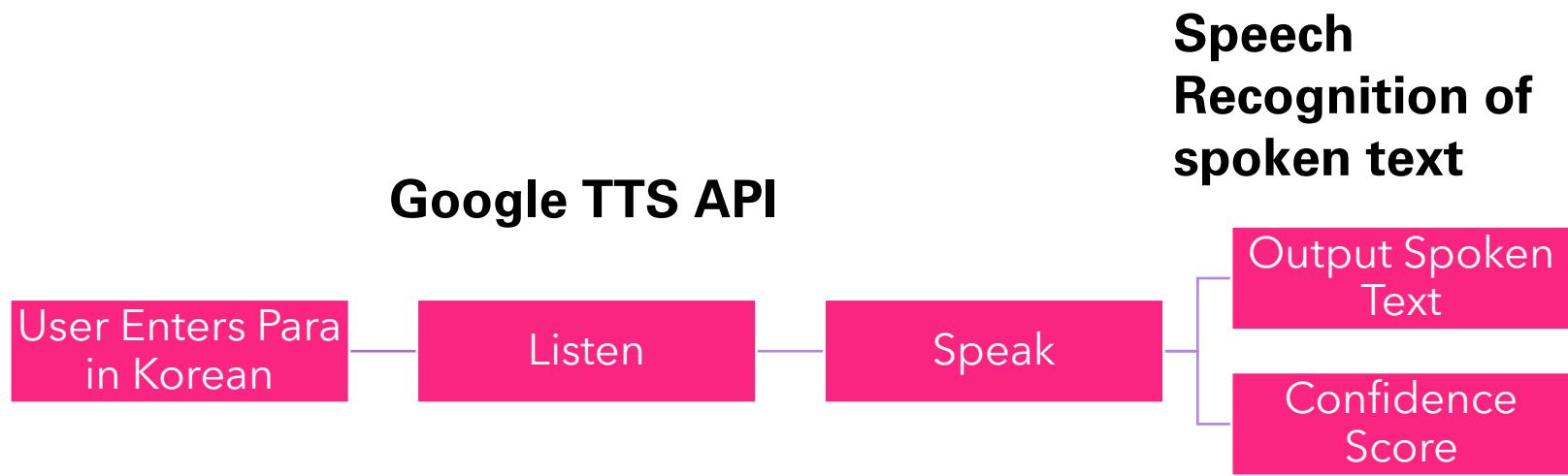
Output

インドネシア政府は新型コロナウイルス対策として…..

Confidence Score

80

Deployment: Expert Path KR

Google TTS API

Speech Recognition of spoken text

User Enters Para in Korean — Listen — Speak ┬ Output Spoken Text
                                           └ Confidence Score

User compares output text & original para to see where are the deviations and learn from it

Input

파우치 소장은 이날 백신을 접종하지 않은 사람들을 중심으로 코로나가 대유행하고 있다

Listen **Speak**
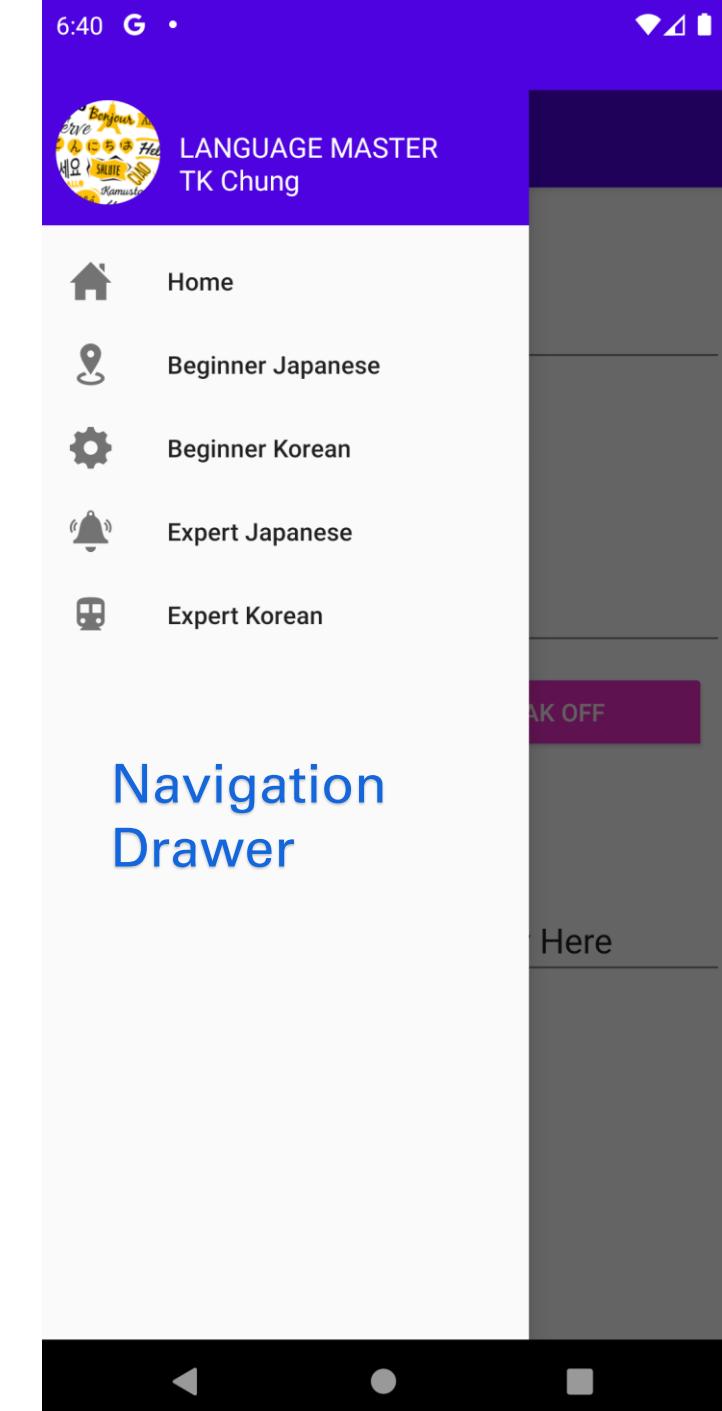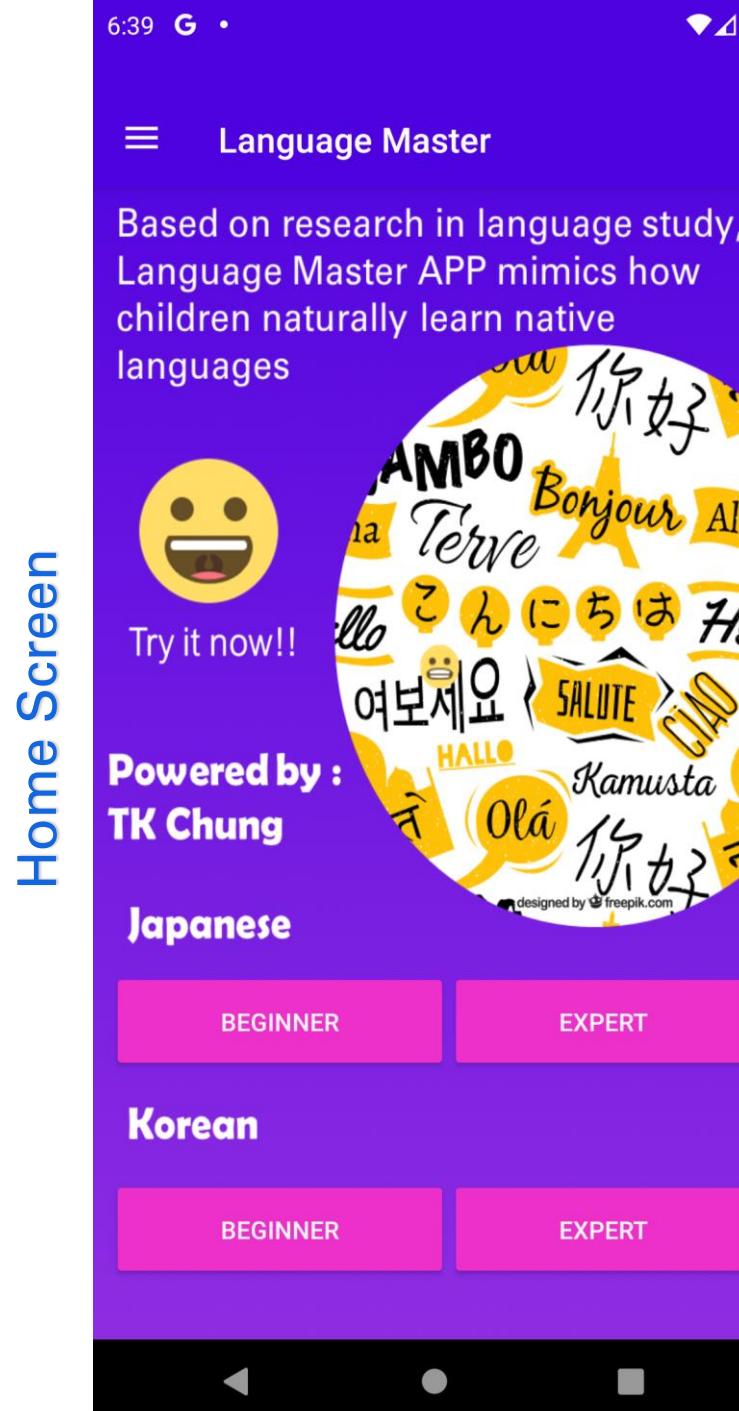
Output

파우치 소장은 이날 백신을 접종하지.....
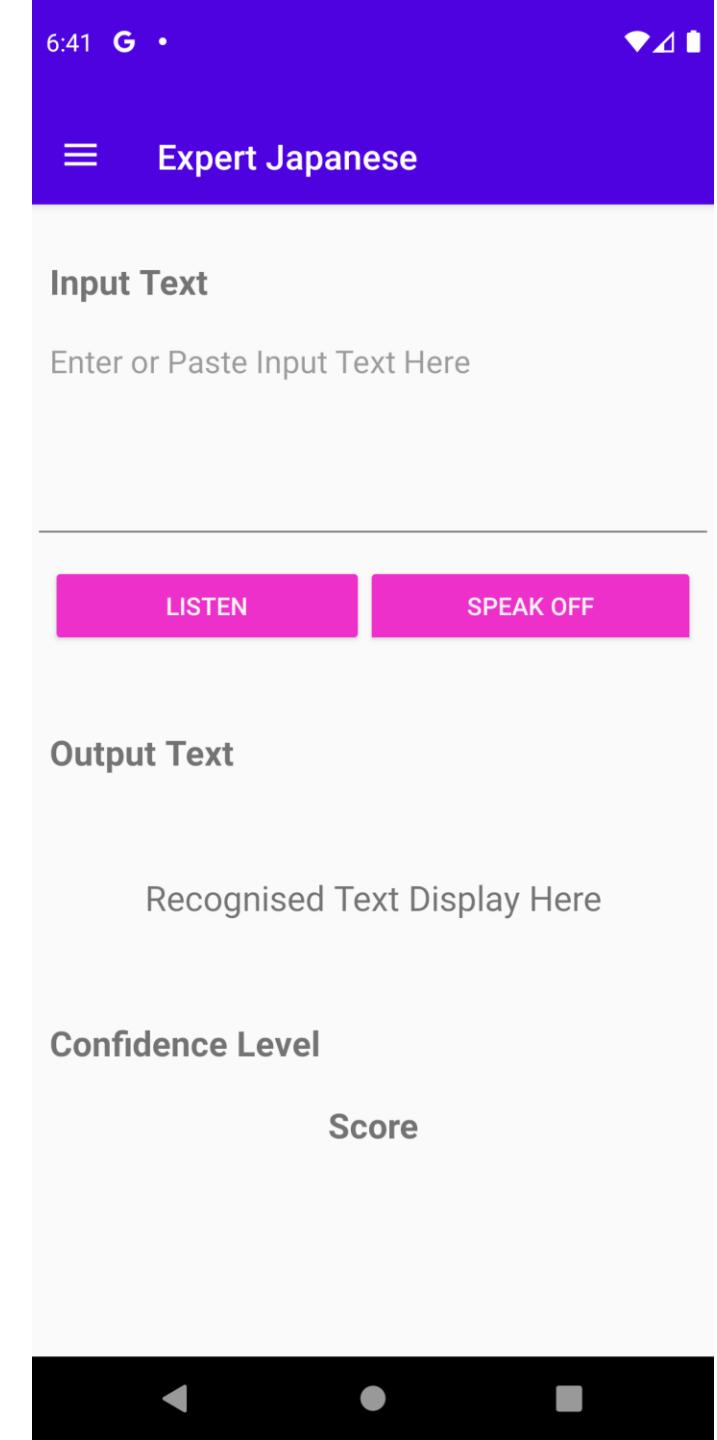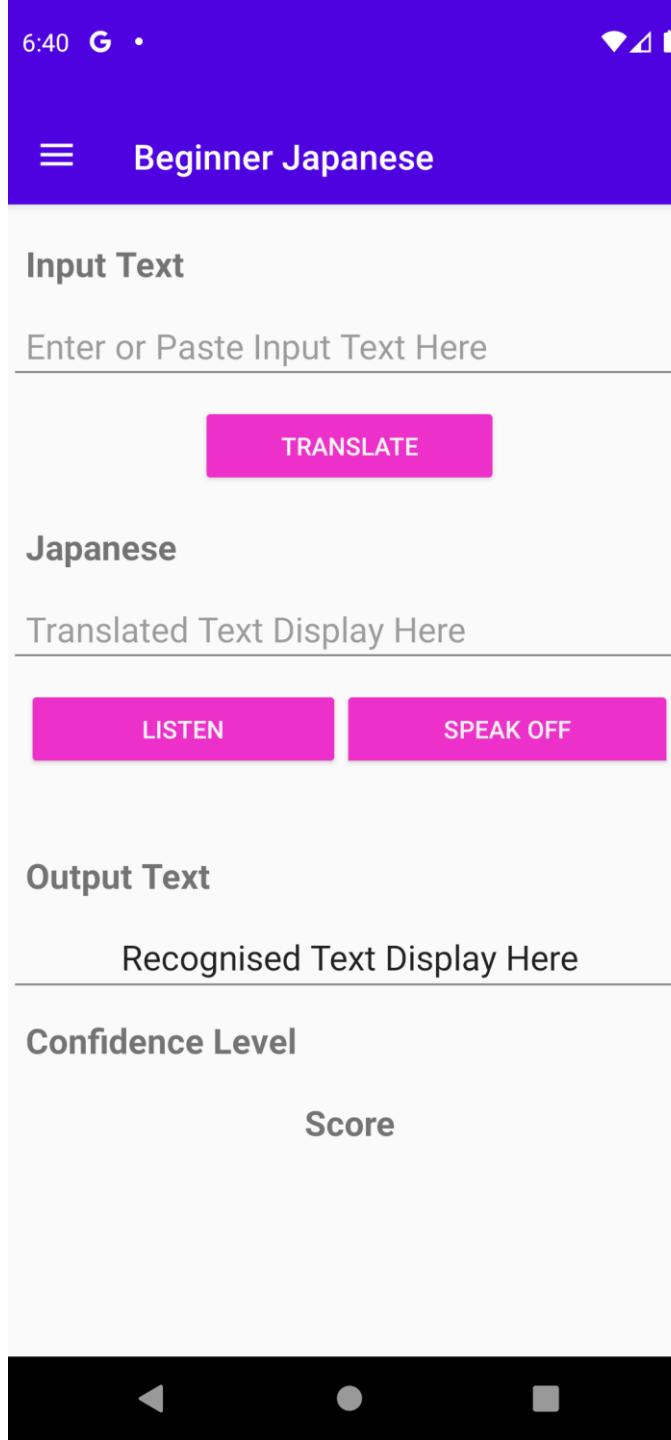
Confidence Score

80

Screen Shots

Splash Screen

Home Screen

Navigation Drawer

LANGUAGE MASTER APP

Powered by : TK Chung

designed by freepik.com

Language Master

Based on research in language study, Language Master APP mimics how children naturally learn native languages

Try it now!!

Powered by : TK Chung

designed by freepik.com
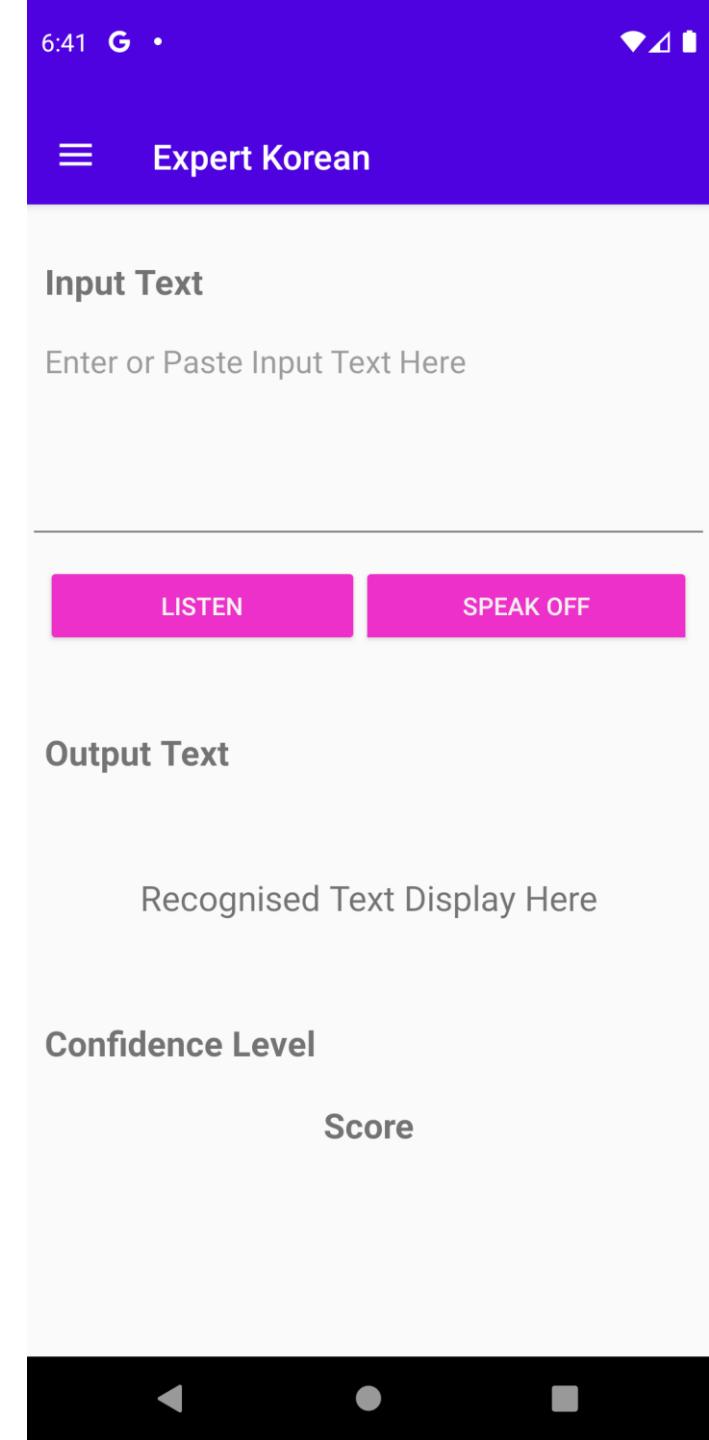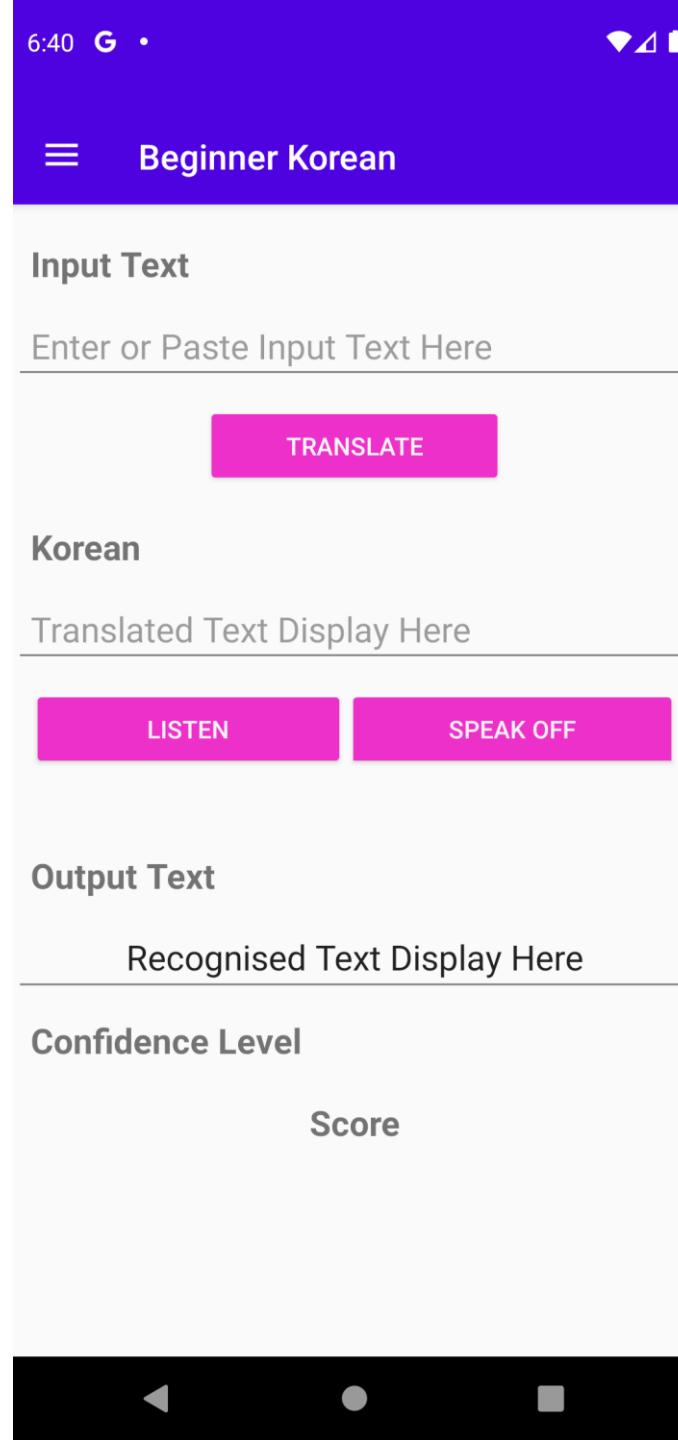
Japanese

BEGINNER   EXPERT

Korean

BEGINNER   EXPERT

LANGUAGE MASTER
TK Chung

Home

Beginner Japanese

Beginner Korean

Expert Japanese

Expert Korean

AK OFF

Here

Japanese:
Beginner &
Expert

Beginner Japanese

Input Text

Enter or Paste Input Text Here

TRANSLATE

Japanese

Translated Text Display Here

LISTEN   SPEAK OFF

Output Text

Recognised Text Display Here

Confidence Level

Score

Expert Japanese

Input Text

Enter or Paste Input Text Here

LISTEN   SPEAK OFF

Output Text

Recognised Text Display Here

Confidence Level

Score

Korean: Beginner & Expert

Beginner Korean

Input Text

Enter or Paste Input Text Here

TRANSLATE

Korean

Translated Text Display Here

LISTEN   SPEAK OFF

Output Text

Recognised Text Display Here

Confidence Level

Score

Expert Korean

Input Text

Enter or Paste Input Text Here

LISTEN   SPEAK OFF

Output Text

Recognised Text Display Here

Confidence Level

Score

Thank you！！

ご清聴ありがとうございました！！

들어주셔서 감사합니다！！