

A collaborative project between  
UCTS and Simplify

polyglot

# Smart Speaker Suite



# Key Components

MOBILE APP



android 

SMART SPEAKER



androidthings

CHROME APP



 chromebook

# Specifications



CHIPSET

DK- SMART-AUDIO-APQ8009-0-A



OPERATING SYSTEM

Pre-loaded to Qualcomm Smart Audio Development Kit



TRANSCRIBE



TRANSLATE



TRANSMIT

chromecast



# Transcribe

Convert short-form and long-form speech to text at real time in 120 languages. Multi-speaker capable.

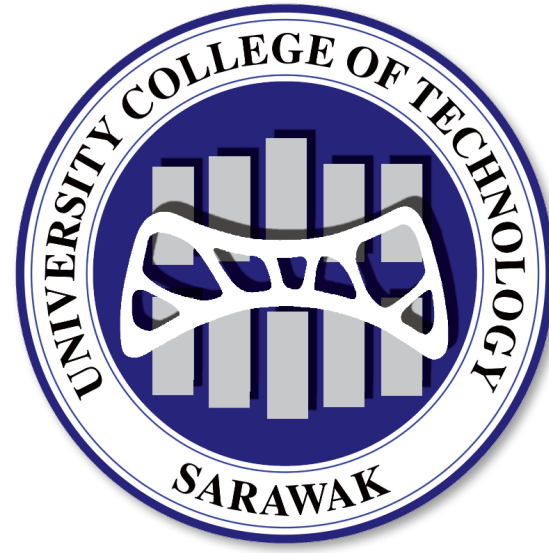
# Translate

Provide fast instant context-sensitive translation with audio read-out capability.

# Transmit

Support one-touch casting to Chromecast-enabled device. Transmit and save messages in the chatroom.





- Procure Qualcomm Smart Audio hardware, software and SDK
- Install Android Things into Qualcomm Smart Audio platform
- Integrate Google Assistant on Qualcomm Smart Audio with Smart Speaker app (Joint effort)
- Design and develop custom form/casing for Smart Speaker (optional)
- Identify and assign project members to provide integration support to Simplify
- Setup a demo lounge for solution showcase (Joint effort)



- Procure Android smartphone and Chromecast hardware device
- Design and develop an Android/Chrome app for Smart Speaker Suite
- Integrate Google Assistant on Qualcomm Smart Audio with Smart Speaker app (Joint effort)
- Cover the hosting cost for Google Cloud Platform APIs access e.g. STT & Translation services
- Identify and assign project members to provide integration support to UCTS
- Setup a demo lounge for solution showcase (Joint effort)