

Development of a Mobile Application for Coaching English Word Pronunciation for Basic Communication

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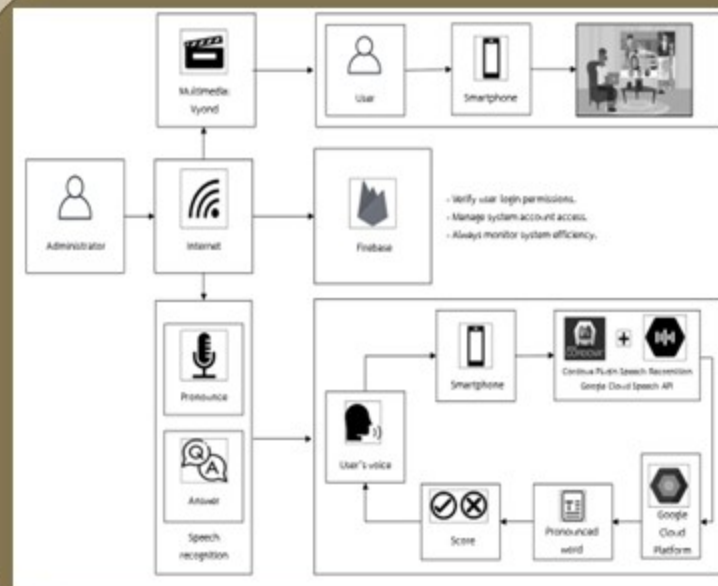


Introduction

- Around the world, 4000 multiple languages are spoken. The concept of language learning theory and linguistics research are distinct. Therefore, in order to convey their thoughts to others, humans must acquire characteristics of multiple languages. [1]
- Thai pupils experience difficulties with English phonetics understanding because some sounds are undetectable in Thai. If learners only pronounce one English word unclearly in phonetics, it is hard to understand these phonemes in the sound system and to communicate. [2]



Methodology



Tools

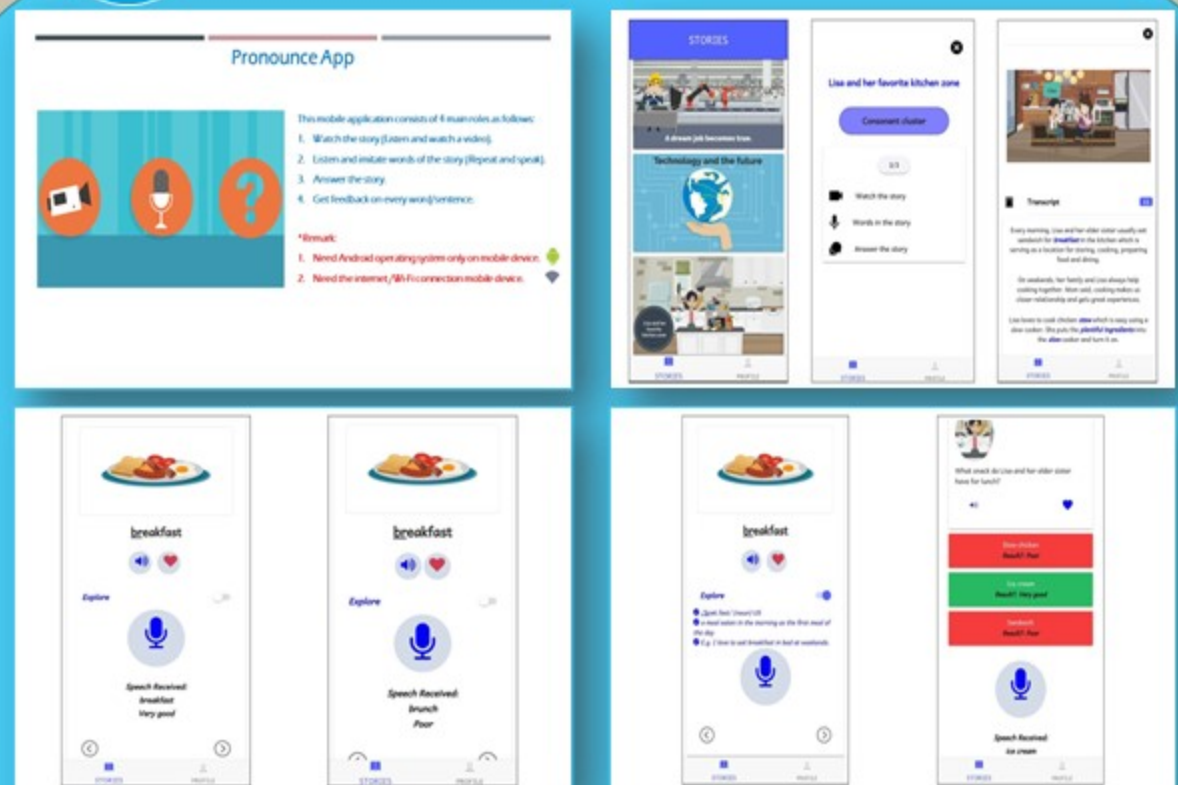


Objectives

- To develop a mobile application for coaching English word pronunciation for basic communication.
- To evaluate the system performance of a mobile application.
- To evaluate the user's satisfaction with a mobile application.



Results



Project benefits

- The mobile application enables learners to learn how to speak English words on their own time schedule for basic communication.
- Learners improve their English pronunciation for basic communication related to real-life situations in daily life more clearly and fluently.



Conclusion

- Speech recognition technology is accurate in real-time voice-to-text converter. This evaluates the user's English pronunciation.
- Simple all-memory-enhancing animated cartoons actually enables students to have fun while teaching and managing learning utilizing primary and supplemental media.



Related literature: [1] and [2] Hewings, M. (2007). English pronunciation in use advanced. England: Cambridge University Press.

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