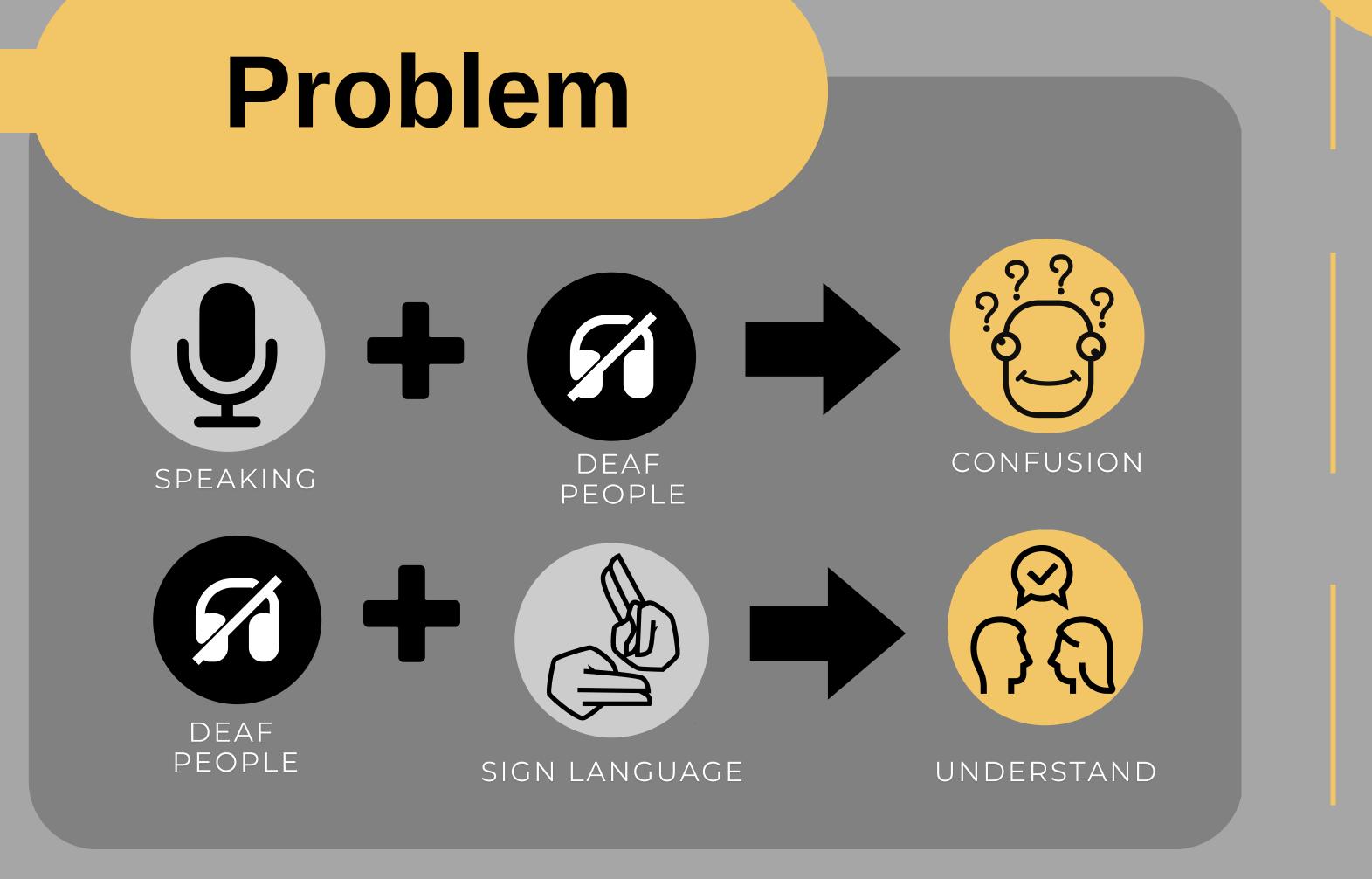


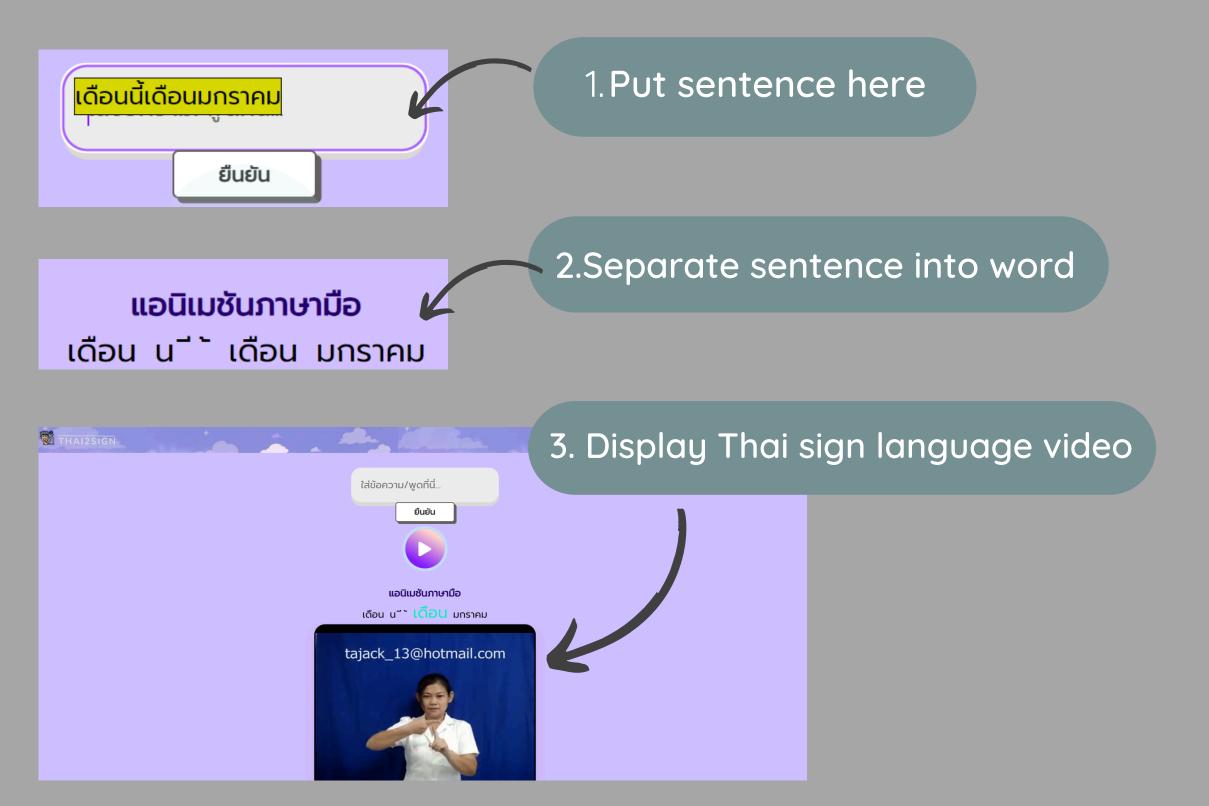
Thai speech language to Thai sign language website

Supakit Plainet, Thanaphat Keeratipakorn Advisor : Yupaporn Premkamo **Princess Chulabhorn Science High School Chonburi**

Finding



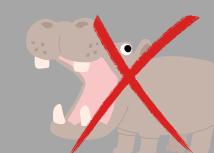










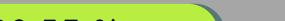








o Converting sound into sentences





98.53 %

o Separating sentences into words

84.25 %

o Separating words into consonants, vowels, and tones

100 %

o Video display that matches the vocabulary

100 %

o Video display that matches consonants, vowels, and tones

100 %

Interpretation and conclusion

Thai2Sign project effectively bridges communication gaps for hearingimpaired individuals in Thailand by translating spoken Thai into Thai sign language. Utilizing Django, PyThaiNLP, and Speech Recognition Anywhere, the website processes audio input and accurately displays corresponding sign





TEST THE EFFICIENCY OF THE PROJECT

language videos. This initiative enhances communication access and fosters inclusivity, ultimately contributing to a more equitable society for the hearing-impaired community.

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