

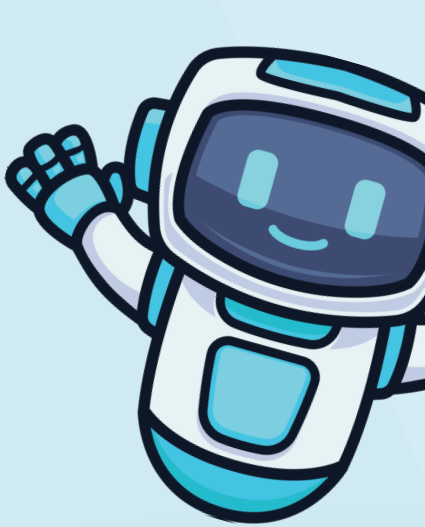
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PROJECT DESCRIPTION:

The Speak with Deaf Assistant is a mobile application designed to bridge communication gaps and enhance accessibility for the Deaf and Hard of Hearing (DHH) community across public, educational, and professional sectors.

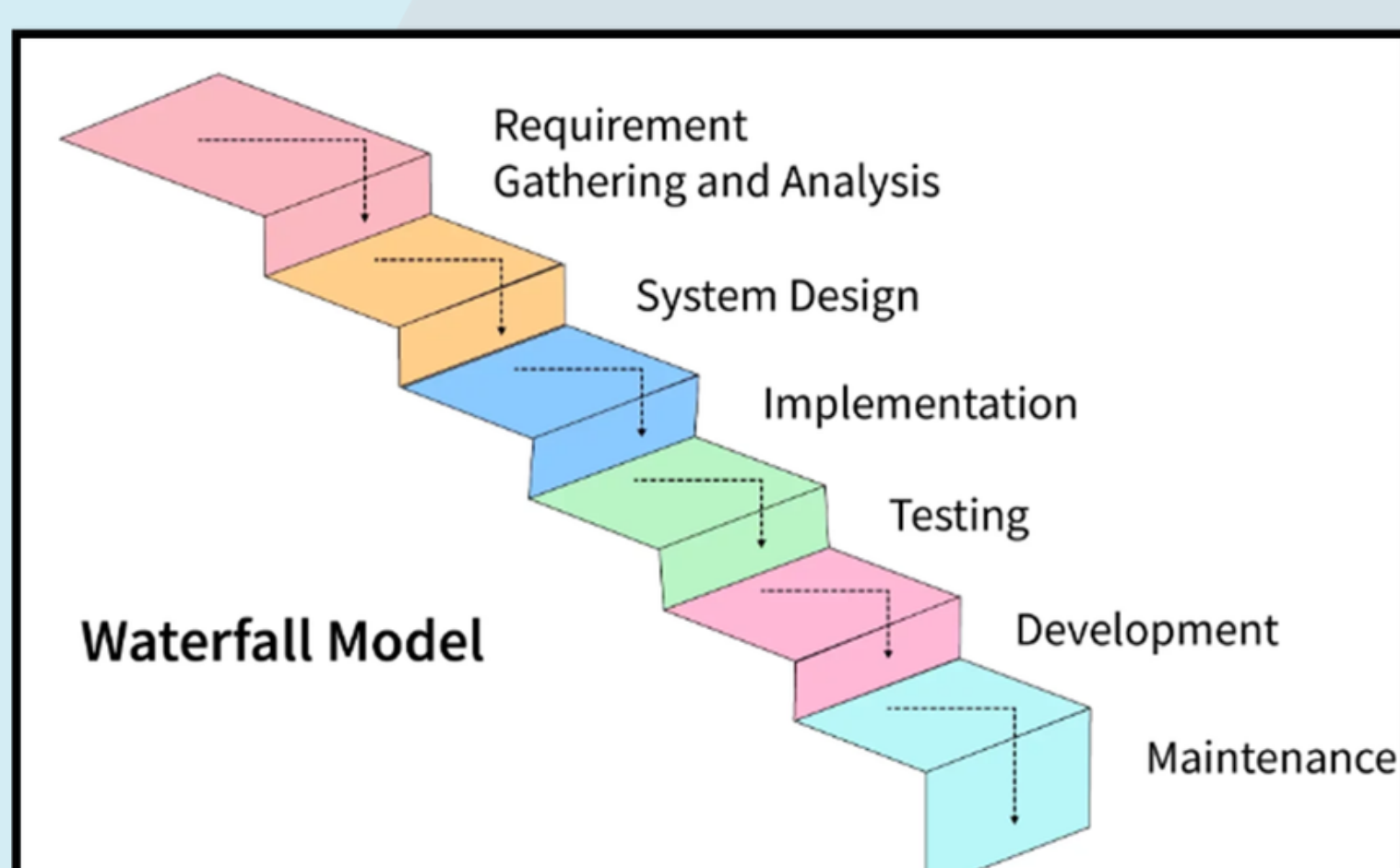
OBJECTIVES:

- Develop real-time communication (Live Caption)
- Provide sign language learning videos
- Improve workplace accessibility (alerts & visuals)

SPEAK
WITH
DEAF ASSISTANT

METHODOLOGY:

- Uses the Waterfall Model, a step-by-step SDLC approach where each phase is completed.



PROBLEM and CAUSES:

Problems:

- Communication difficulty in public places
- Lack of accessible learning materials
- Workplace discrimination

Causes:

- No interpreters available
- Audio-based systems
- Low awareness & support

SURVEY FEEDBACK :

A survey has been conducted on 2 deaf users regarding the effectiveness of the Speak With Deaf Assistant application.

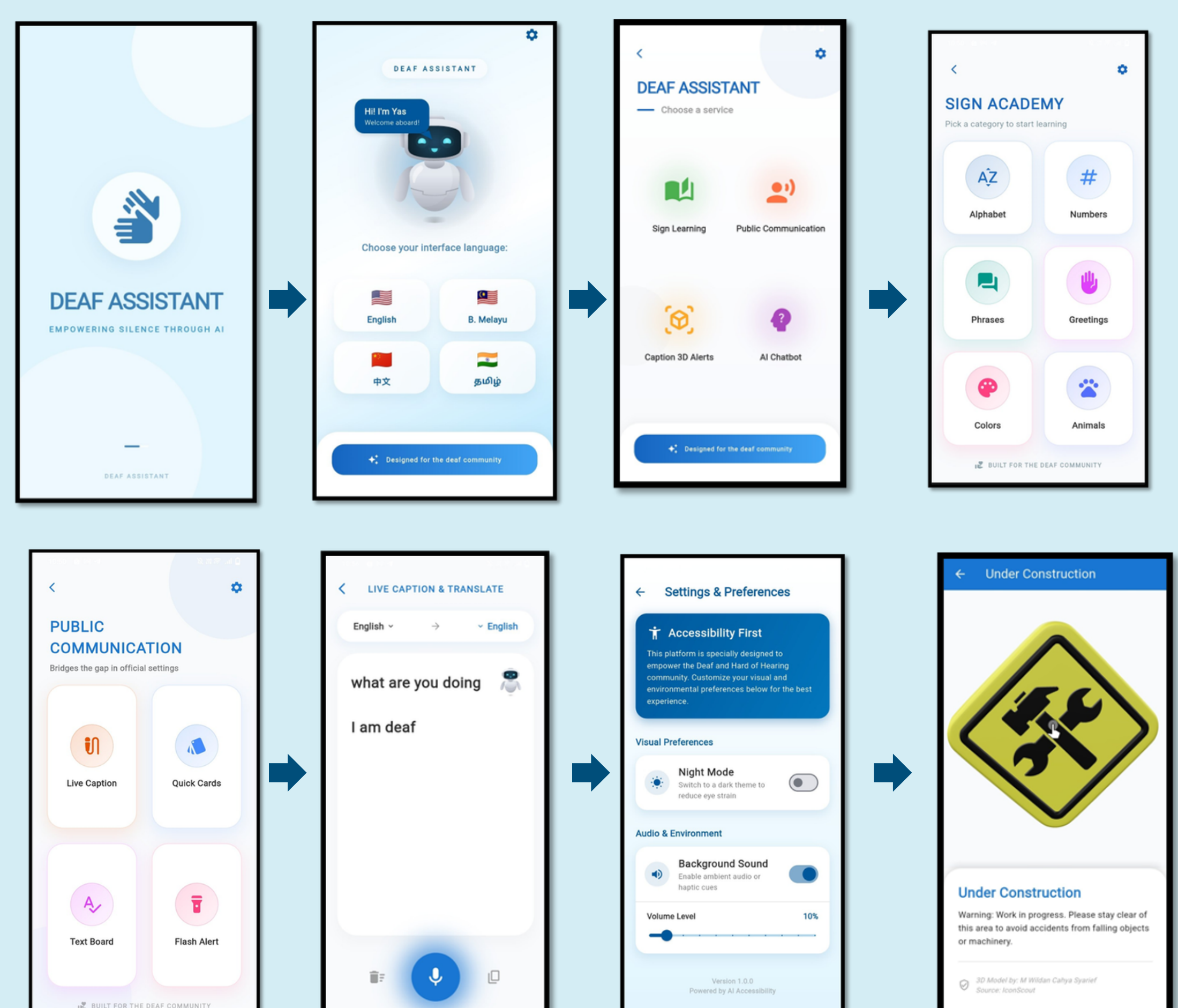
100%

The availability of multiple languages is helpful

100%

Would you consider using this application in your daily life?

Interface:

JABATAN TEKNOLOGI MAKLUMAT DAN
KOMUNIKASI POLITEKNIK SULTAN IDRIS SHAHTHE GREAT PSIS
Born to Try