

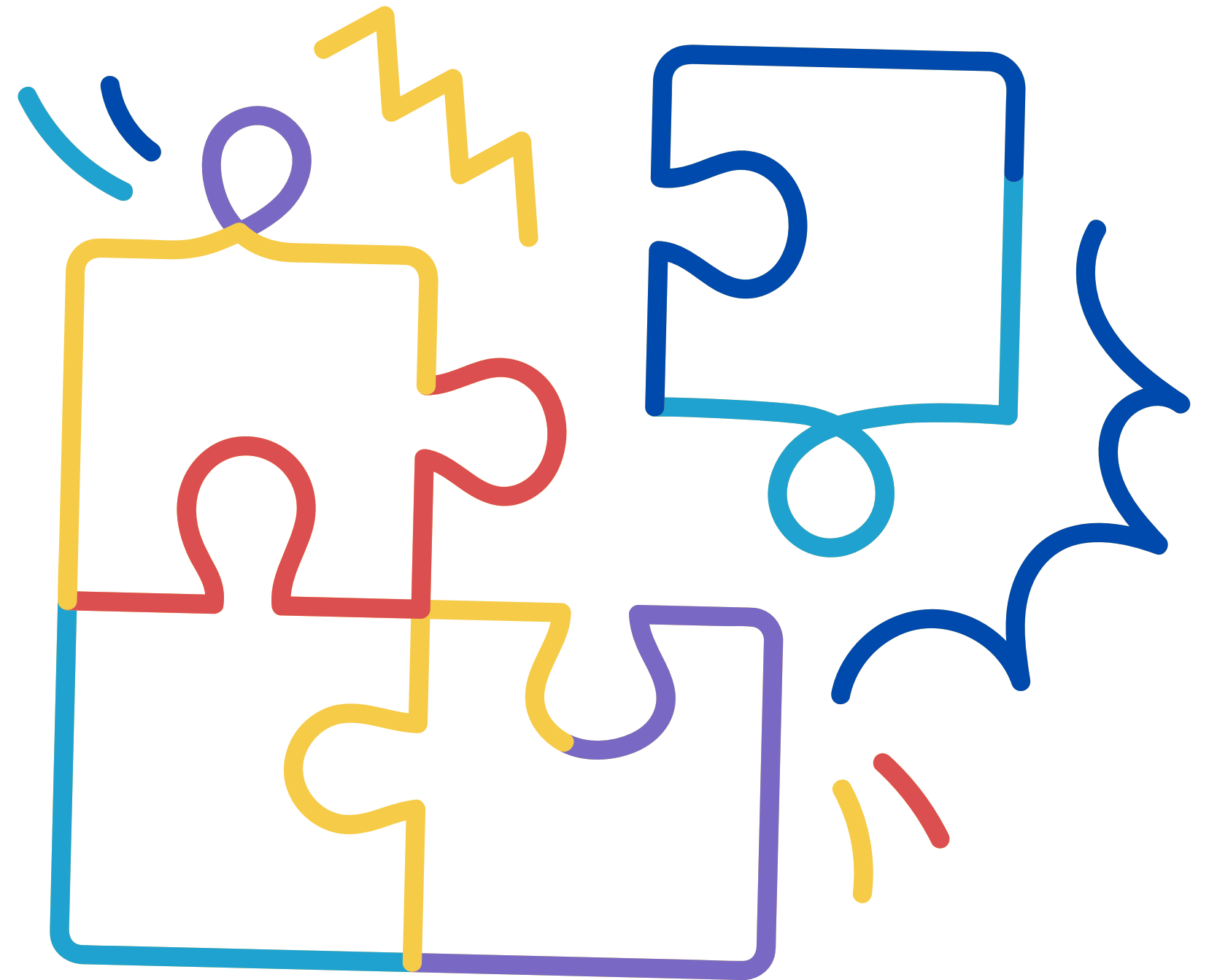
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FPT
SOFTWARE

Intelligent Language Communication App

Communication
Learning Assistant

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Problem Statement



- ⊙1. Language learners lack an environment for practice.
- ⊙2. Busy schedules make it difficult to follow traditional courses.
- ⊙3. Reluctant to speak in real conversations → no improvement in speaking skills.
- ⊙4. Current apps (Duolingo, Elsa) are not strong in natural interaction like real conversations.

Solution

Personal AI Tutor

An AI application that helps users practice listening and speaking naturally, as if in real conversations.

Key idea: “Practice anytime, anywhere, with an AI that adapts to you.”

3 key points:

- AI voice chatbot with natural voice-based conversation.
- Real-time feedback on grammar, vocabulary, and pronunciation.
- Personalized exercises tailored to each user's proficiency level.

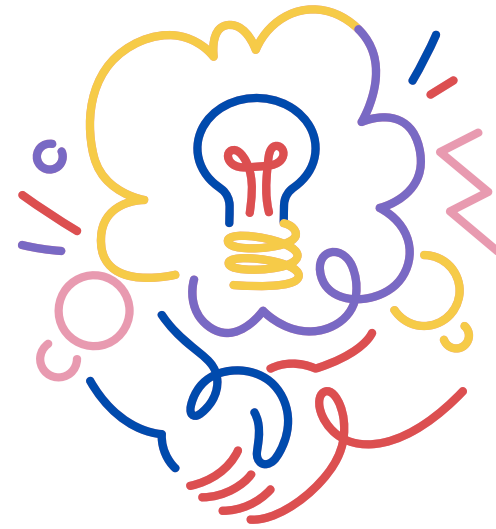


Core Features



AI conversational voice agent

- Natural, context-based conversations (e.g., at the market, at the airport).
- Suggestions for more natural sentences.



Voice Interaction (speech-to-speech)

- User speaks → Julius performs speech recognition → AI responds.
- Real-time transcription: displays text as the user speaks, making it easier to check and correct.



Personalized Exercises

- AI generates exercises suitable for the user's level.
- The more the user learns → the more personalized the AI becomes.

System Architecture

Simple model of application

Users

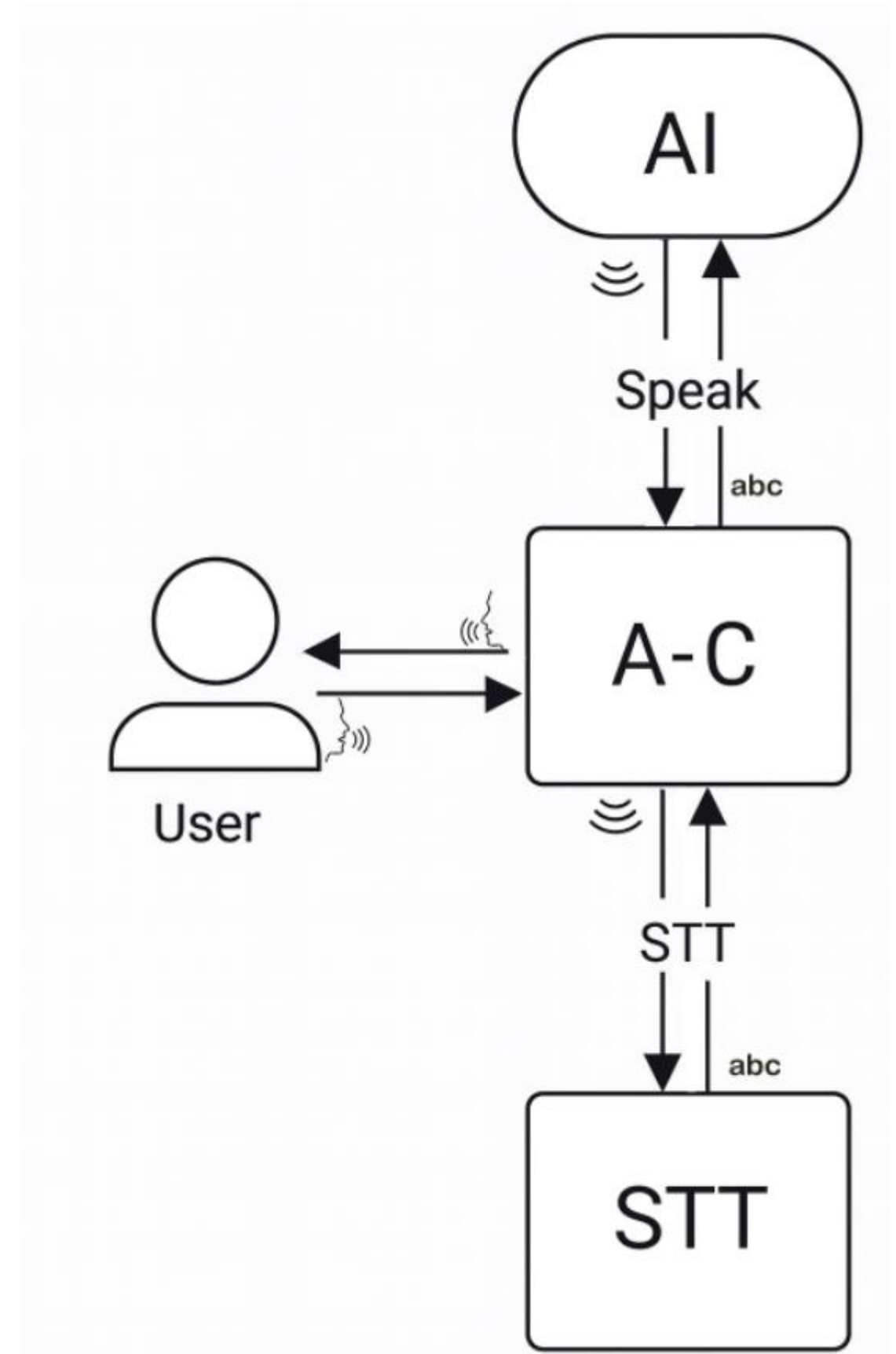
- This is the entity that initiates and receives information from the system (User).

Application layer

- This is the intermediary interface/application that the user directly interacts with (e.g., a mobile application, web, etc. - A-C: Agent-Client).

STT (Speech-to-Text)

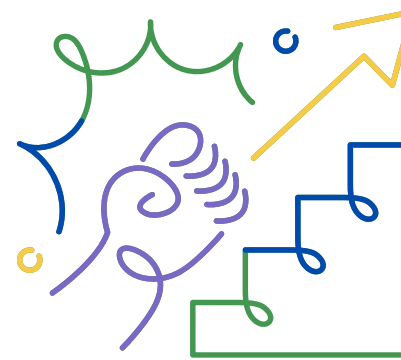
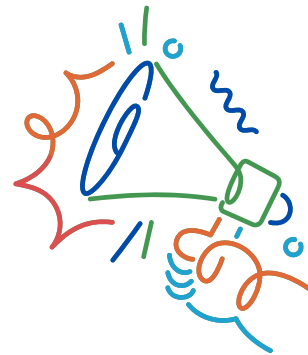
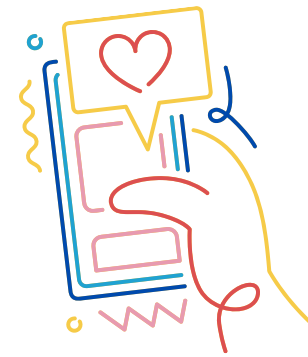
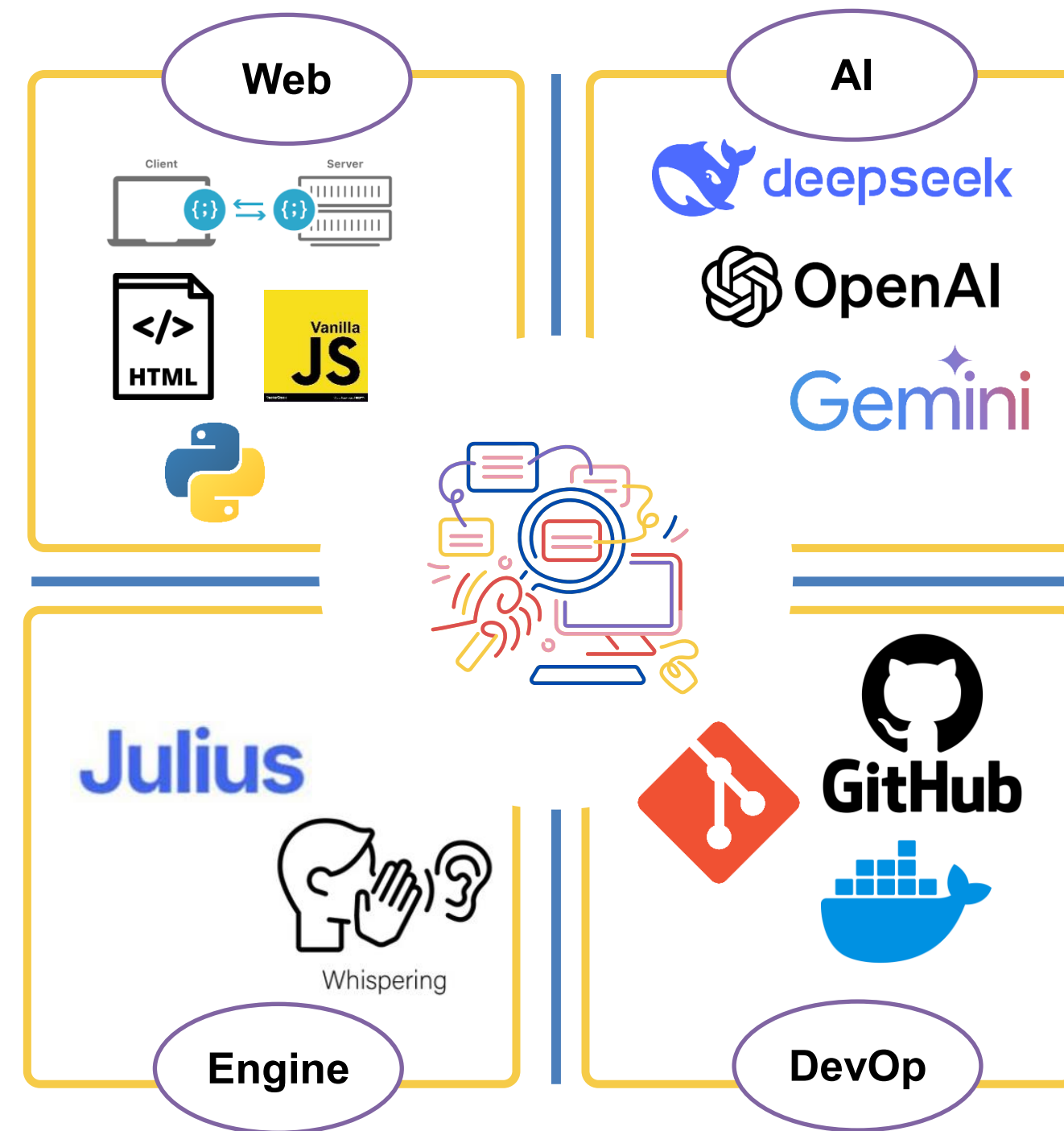
- This is a dedicated service or module for recognizing and converting audio into text data (STT - Speech-to-Text).



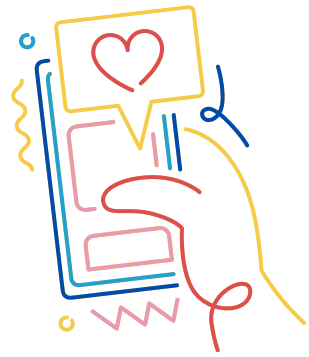
Technology Stack

"Our Technology Stack represents the complete set of tools, languages, and frameworks used to build, run, and maintain our product."

It is divided into four key layers—Web, AI, Engine, and DevOps—to ensure maximum efficiency, scalability, and security. We strategically selected these components to deliver a robust and high-performing Chat Voice Agent experience

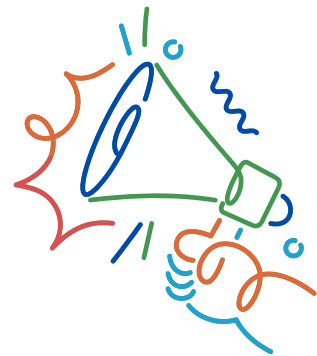


Target Users & Market Potential



Target Users

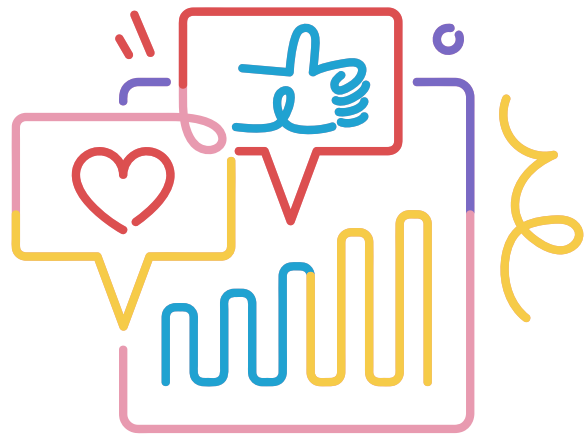
- Students
- Busy Professionals
- Individuals Preparing for Overseas Study or Interviews



Market Potential

- Growth in the EdTech market → Monetization opportunities
- Users desiring longer conversations → Premium subscription plans

Conclusion



Useful

- The app provides natural language practice capabilities
- A unique alternative in language learning.



Technology applicability

- Real-time AI support + Personalization
- Application of AI and Conversion Engine



Practicality

- User-friendly – Suitable for diverse user groups
- “Learn languages the natural way — with AI.”

Thank your attention !



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