CommAI: Revolutionizing Verbal Communication

A Voice Assistant for Enhancing Communication Skills

Introduction

- **What is CommAI?**

An innovative voice assistant focused on improving verbal communication skills.

- **Purpose of CommAI**

Provides users with practical scenarios to practice and enhance their communication abilities.

- **Target Audience**

Individuals seeking to boost confidence in speaking and effectively convey their ideas in various contexts.

Use Cases

- **Hotel Room Booking:** Practice booking a hotel room, discussing amenities, and handling special requests.
- **Restaurant Interaction:** Make reservations, order food, and communicate with restaurant staff.
- **Retail Negotiation:** Negotiate prices, discuss product features, and make purchases.
- **Job Interview Preparation:** Respond to common interview questions professionally.
- **Professional Introduction:** Introduce oneself in professional settings and networking events.

Technical Architecture

- **Google Cloud Speech-to-Text API:**

For transcribing audio input.

- **Google Cloud Text-to-Speech API:**

For generating spoken feedback from text analysis.

- **Fire store:**

For storing user interactions and progress tracking.

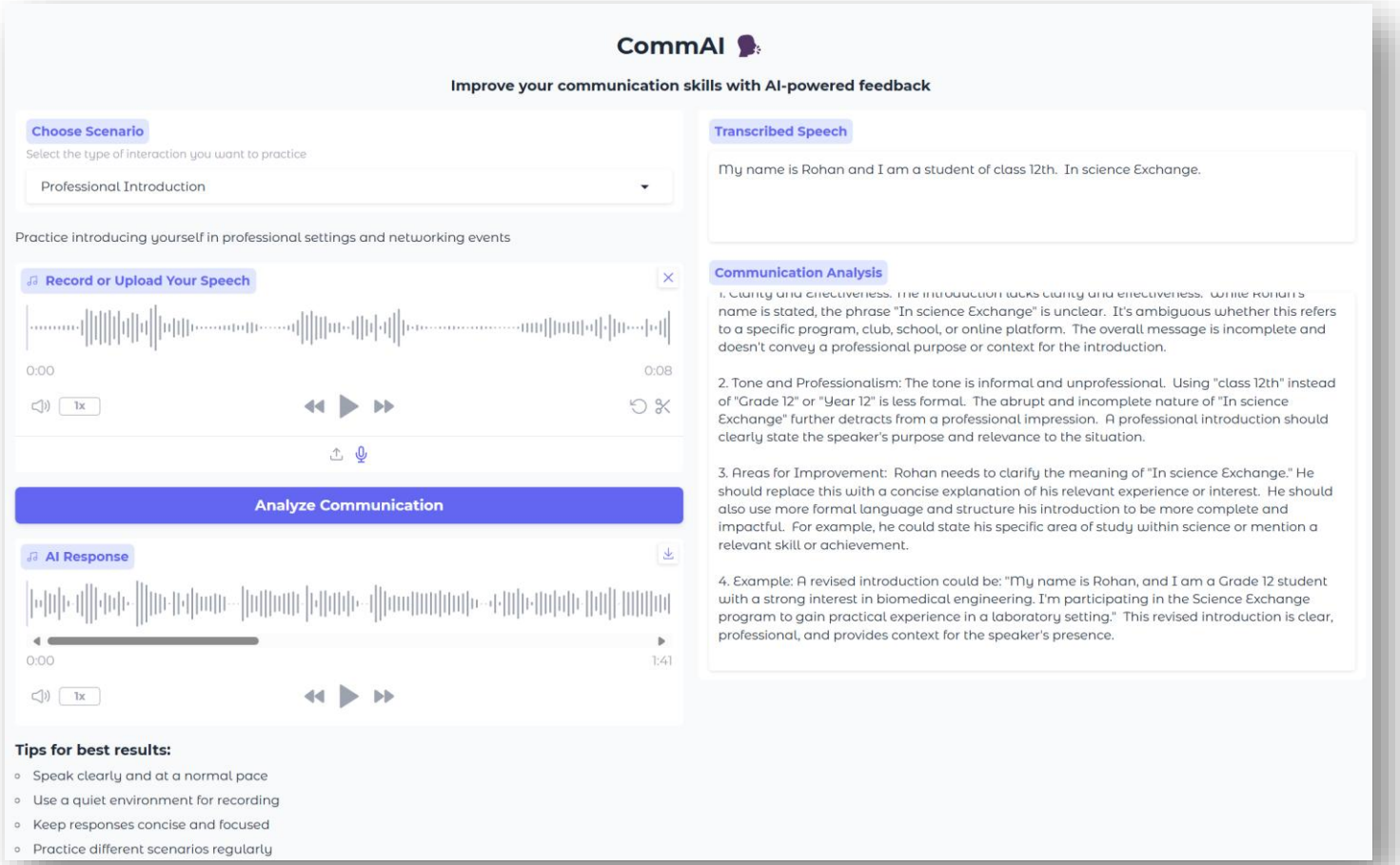
- **Vertex AI:**

For analyzing communication patterns and providing tailored feedback.

Impact on Users

- Enhance confidence in verbal communication.
- Improve clarity and effectiveness in speaking.
- Prepare for real-life interactions such as interviews or negotiations.
- Create a supportive environment for practice and learning.

Demo


CommAI
Improve your communication skills with AI-powered feedback
Choose Scenario
Select the type of interaction you want to practice
Professional Introduction
Practice introducing yourself in professional settings and networking events
Record or Upload Your Speech
0:00
0:08
1x
Analyze Communication
AI Response
0:00
1:41
1x
Tips for best results:
Speak clearly and at a normal pace
Use a quiet environment for recording
Keep responses concise and focused
Practice different scenarios regularly
Transcribed Speech
My name is Rohan and I am a student of class 12th. In science Exchange.
Communication Analysis
name is stated, the phrase "In science Exchange" is unclear. It's ambiguous whether this refers to a specific program, club, school, or online platform. The overall message is incomplete and doesn't convey a professional purpose or context for the introduction.
2. Tone and Professionalism: The tone is informal and unprofessional. Using "class 12th" instead of "Grade 12" or "Year 12" is less formal. The abrupt and incomplete nature of "In science Exchange" further detracts from a professional impression. A professional introduction should clearly state the speaker's purpose and relevance to the situation.
3. Areas for Improvement: Rohan needs to clarify the meaning of "In science Exchange." He should replace this with a concise explanation of his relevant experience or interest. He should also use more formal language and structure his introduction to be more complete and impactful. For example, he could state his specific area of study within science or mention a relevant skill or achievement.
4. Example: A revised introduction could be: "My name is Rohan, and I am a Grade 12 student with a strong interest in biomedical engineering. I'm participating in the Science Exchange program to gain practical experience in a laboratory setting." This revised introduction is clear, professional, and provides context for the speaker's presence.

Conclusion

- Enhance confidence in verbal communication.
- Improve clarity and effectiveness in speaking.
- Prepare for real-life interactions such as interviews or negotiations.
- Create a supportive environment for practice and learning.

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  Express gratitude to the audience for their time and interest.
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