



# Zenna

Zenna Conversational Chatbot project aims to create a user-friendly AI assistant. It focuses on providing helpful and uplifting information through verbal interactions, incorporating speech-to-text and text-to-speech for natural language interactions.



Futuretech Mavericks



# Meet our Team



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*AI developer*



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*Front-end  
developer*



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*AI developer*



**Renord**

*Designer*

# Problems



## **Lack of Empathetic Digital Interaction**

Current AI solutions may lack the emotional intelligence needed for empathetic and human-like interactions.

## **Complexity in Conversational AI Interaction**

Users often experience difficulties in engaging with AI assistants naturally, hindering the overall user experience.

## **Speech and Language Barriers**

Users who face language barriers or prefer verbal communication may encounter challenges with existing text-based AI interfaces.

# Solution



## **Enhanced Accessibility for the Deaf and Hard of Hearing :**

Zenna's speech-to-text technology allows users who are deaf or hard of hearing to receive information through written text, providing a more inclusive experience.

## **Developing an Empathetic Human-like Advisor :**

Zenna's ultimate goal is to develop an empathetic human-like advisor, enhancing emotional intelligence and fostering a more meaningful connection with users.

## **Providing Helpful and Uplifting Information :**

Zenna aims to deliver helpful and uplifting information through verbal interactions, catering to users' needs for positive content.



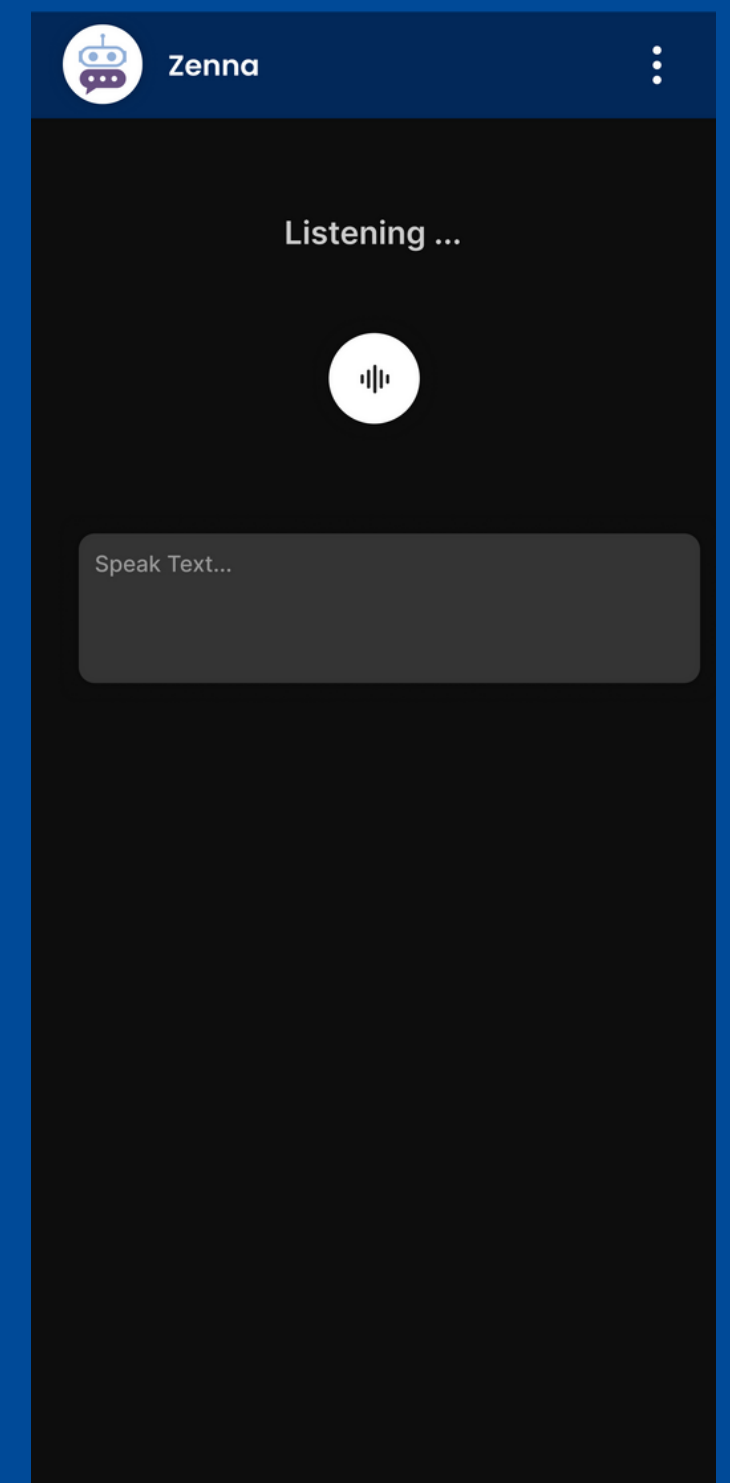
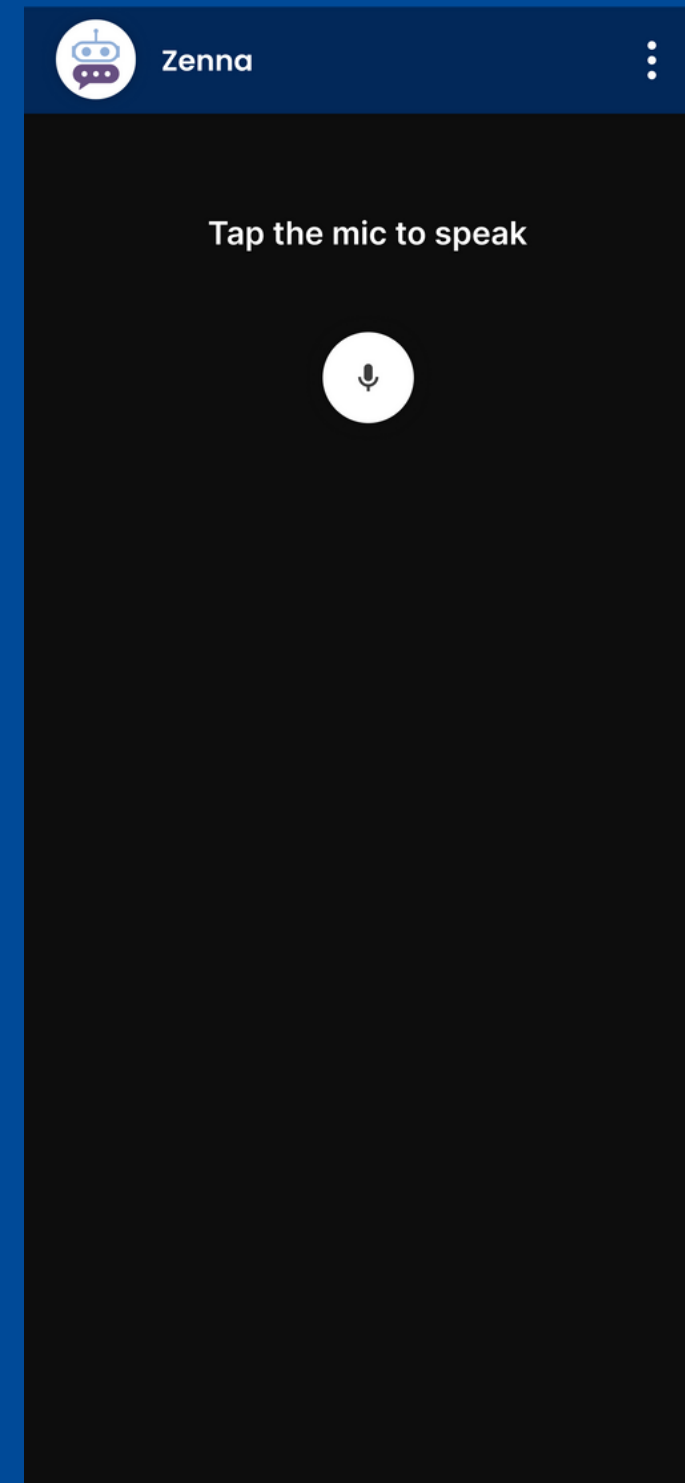
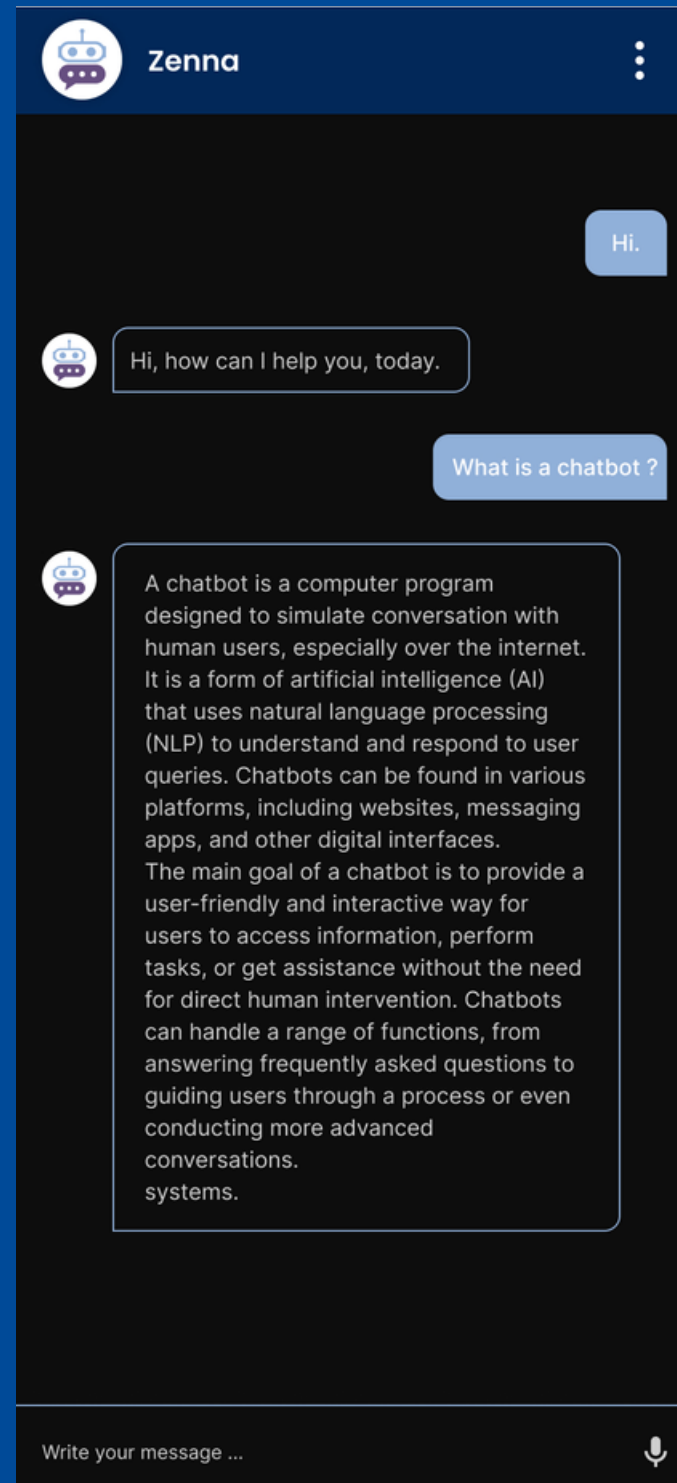
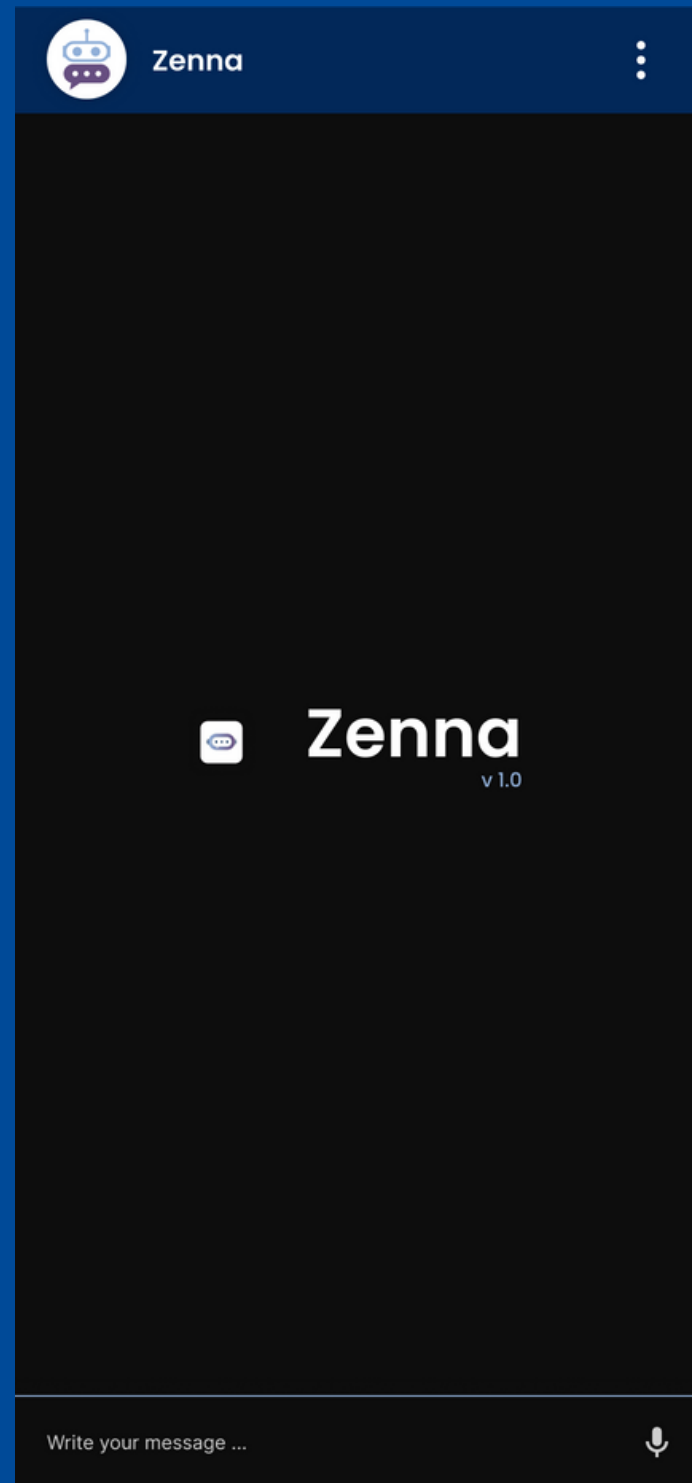
The Zenna Conversational Chatbot project aims to create a user-friendly AI assistant using **Google Vertex AI's Palm 2** Foundational model chat-bison. Zenna focuses on providing helpful and uplifting information through verbal interactions, incorporating speech-to-text and text-to-speech for natural language interactions. It utilizes **TruLens** evaluations and complex prompt design to ensure thoughtful responses, acknowledge knowledge gaps, and prevent unintended harm. The ultimate goal is to develop an empathetic human-like advisor through beta testing to enhance conversational abilities and emotional intelligence. And a Beta feature that will also enable it to summarize website through links through the langchain technology.



# Market size

The global chatbot market size was estimated at USD **5,132.8** million in 2022 and is expected to expand at a compound annual growth rate (CAGR) of 23.3% from 2023 to 2030;

# Demo



# Future plans



**Continuous Improvement  
through User Feedback**

**Expansion of Language  
Support**

**Enhanced Security and  
Privacy Measures**



**Thank you**