



EchoView.ai

AR Glasses for the Deaf and Hard of Hearing

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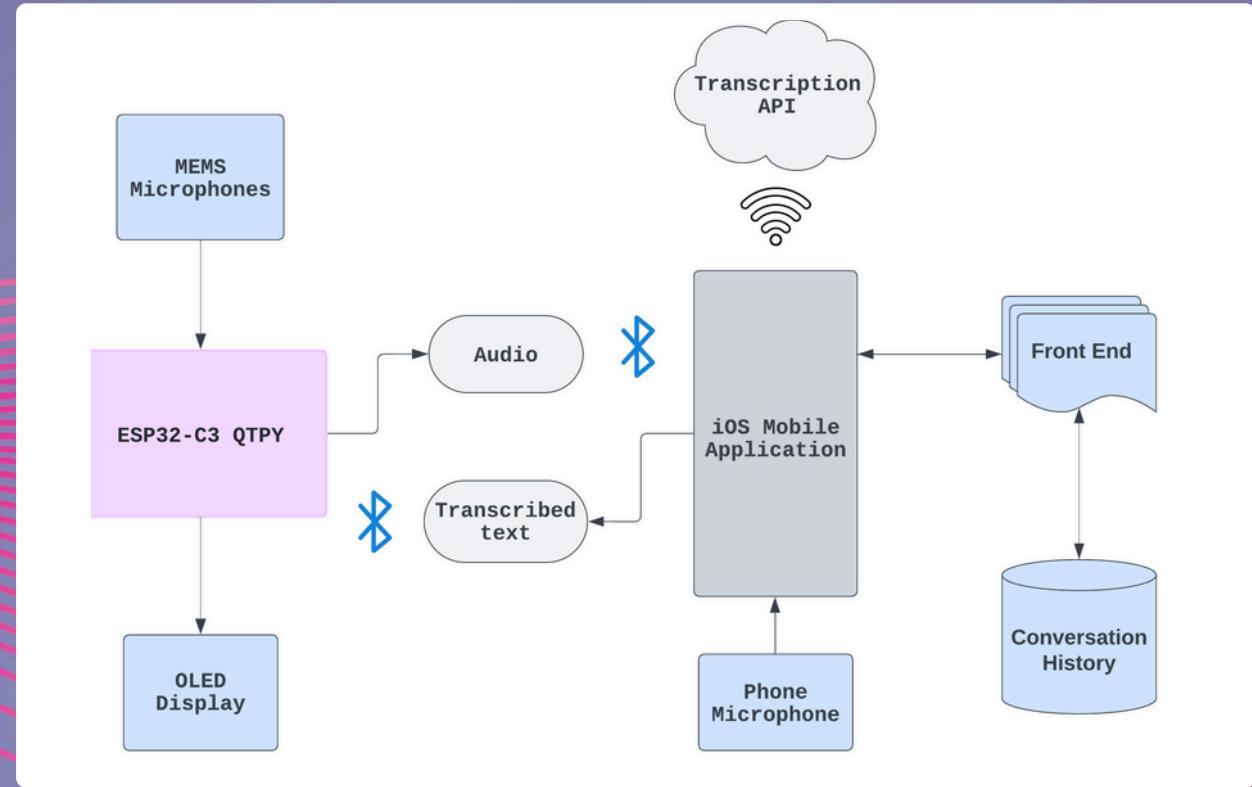
GitHub

Background

EchoView.ai is dedicated to helping unlock a world of communication, collaboration, and human connection. We believe that everyone should hold the key to understanding spoken interactions to foster community and innovation.

- 66% of users want a cost-effective solution for AR glasses.
- 77% of users are interested/very interested in our AR glasses.

Technical Overview



Product Features

- Near Real-Time Speech-to-Text Transcription
- Text displayed in user's field of vision
- 48h Conversation History
- Low production cost
- Intuitive User Interface
- All Day Battery Life
- High Quality Audio and Wireless Connectivity

Next Steps

- Explore funding opportunities through BU and other VC firms
- Upgrade LLM to ChatGPT/Anthropic or an open-source model to include languages, alerts, and other smart features
- Integrate algorithm into microphones to isolate the correct conversations/sounds
- Design custom frames with miniaturized optics, hardware, and battery

- ESP32-C3 QTPY: Acts as BLE server for communication with display and iOS app
- MEMS Microphones: Capture audio for accurate text conversion
- SSD1306 OLED: Displays transcription directly in the user's field of vision
- Birdbath Combiners: A series of two-way mirrors projecting the image from OLED

