HUKUM AI

See with Your Heart, Hear with HukumAI

HukumAI: Helping Blind Individuals Live More Independently with Loved Ones' Voice

HukumAI app aims to provide deep personalized support, through voice profiles of their loved ones, such as their mom, best friend, or spouse...

All my daily task @loved_ones_voice

Vinoth Kumar Murugan

Current Problem

Currently, blind individuals heavily rely on the assistance of others for their everyday activities, leading to a sense of dependency. Although they heavily use smartphones for most tasks, the robotic voices of existing voice assistants lack a personal touch, making them feel disconnected from their loved ones.

Just think, even for the few minutes that we hear robotic voices, like in maps and reminders, we may find it unpleasant. Now, imagine the experience for blind individuals who have to rely on these robotic voices constantly.

They have no choice but to depend on these robotic voice assistants.

- Alienation and difficulty feeling fully connected to the world around them.
- Communication barriers leading to misunderstandings.

Solution

HukumAI is an innovative AI-powered application crafted with affectionate care for blind individuals. The app aims to provide deep personalized support, Through voice profiles of their loved ones, such as their mom, best friend, or spouse...

The app will provide assistance with:

Personalized Assistance: Blind individuals receive deep personalized support for daily tasks, schedules, and to-do lists through their loved ones' voices.

AI-driven Navigation: With their loved ones' voices guiding them, blind users receive turn-by-turn directions and safety alerts during travels.

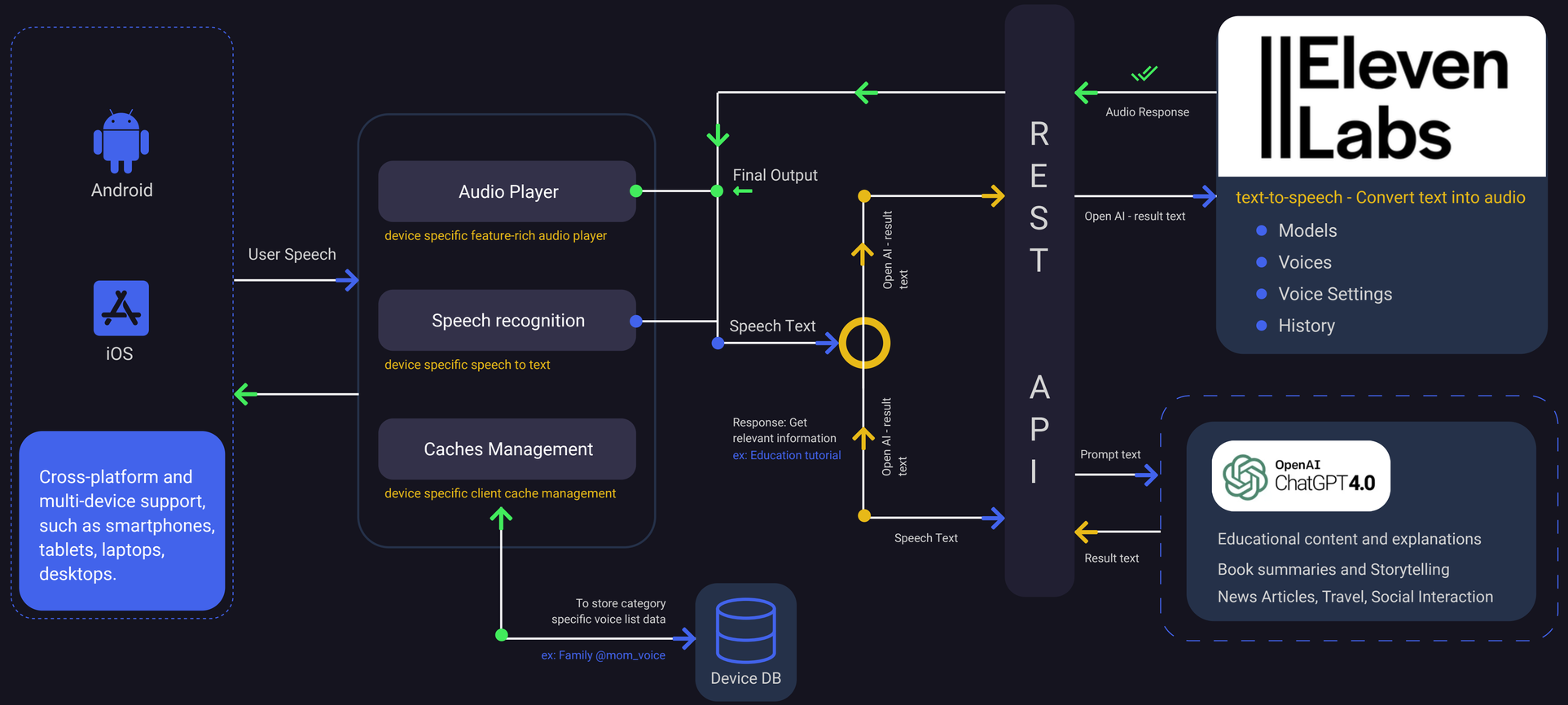
Visual Question Answering: Descriptive answers about surroundings in loved ones' voices for emotional connection.

Smart Home Integration: Blind users control their smart home devices using voice commands delivered by their loved ones' voices, enhancing independence and convenience.

Object Recognition with Familiar Voices: Identify everyday objects with loved ones' voices, enhancing familiarity and comfort.

Solution AI architecture

Artificial intelligence technology



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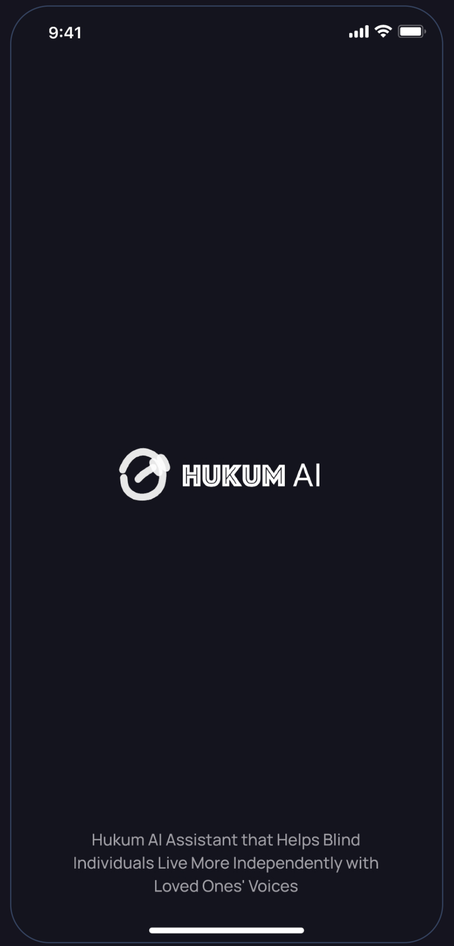
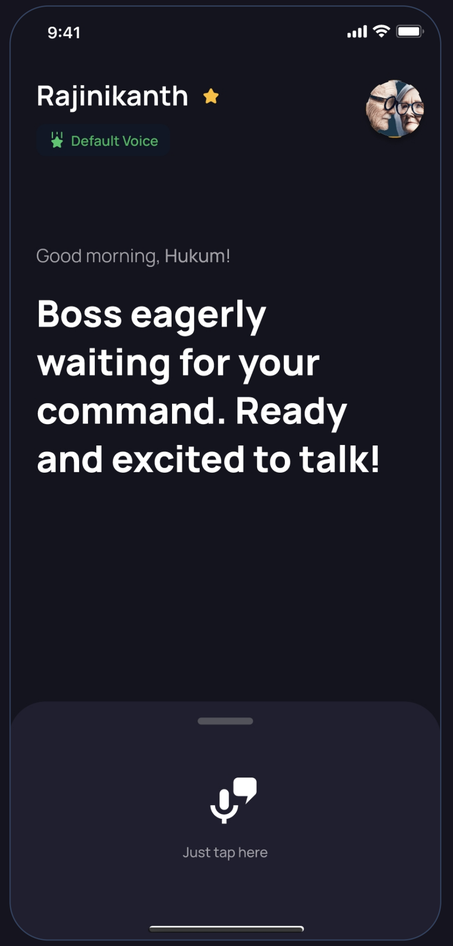
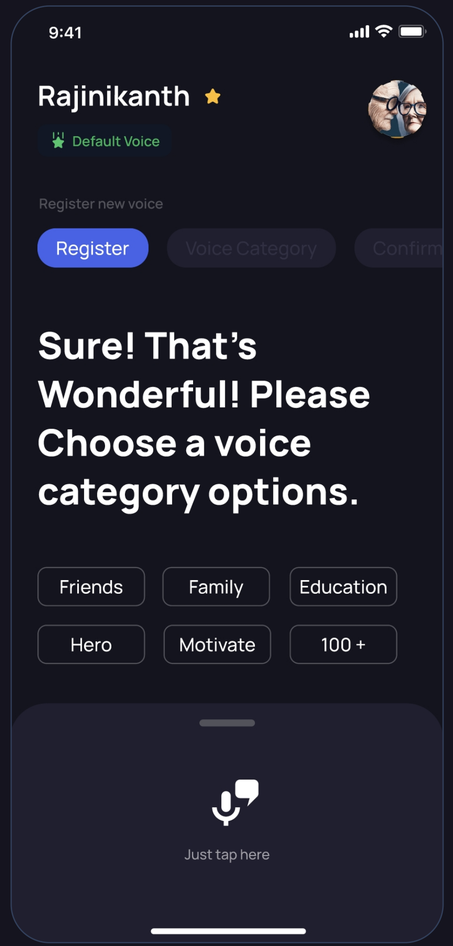
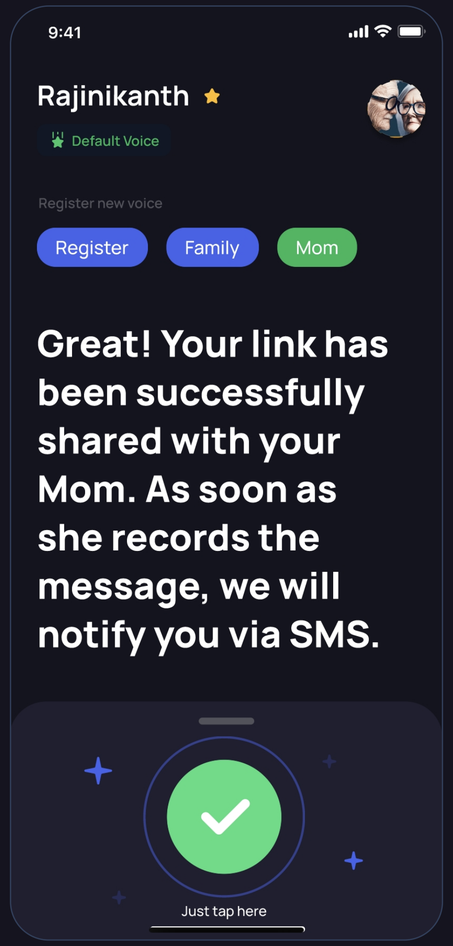
HokumAI : Register new voices demo









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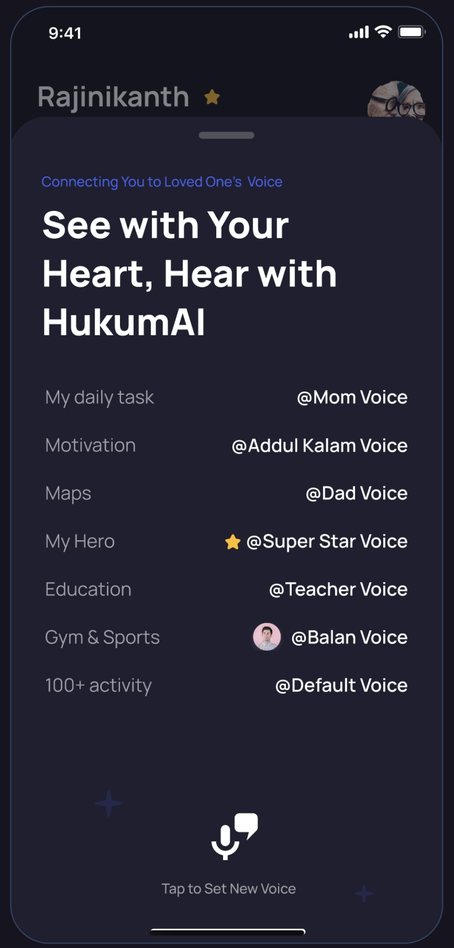
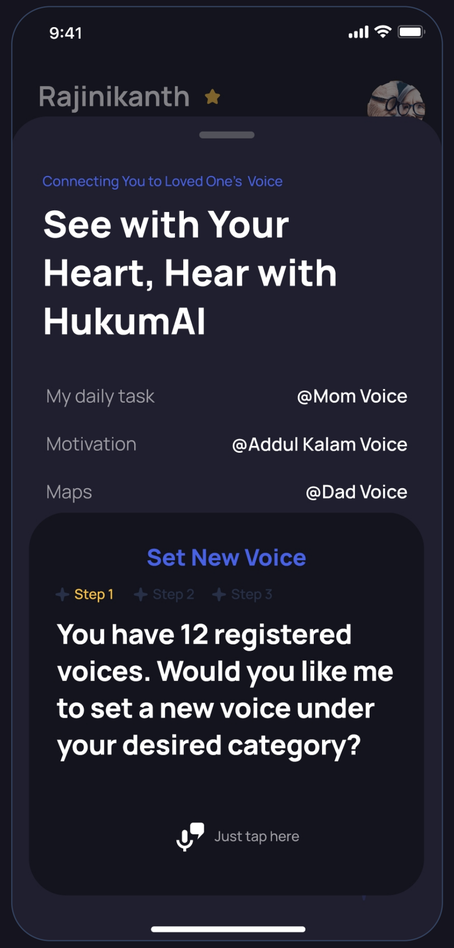
HokumAI : Set a new voice under your desired category demo





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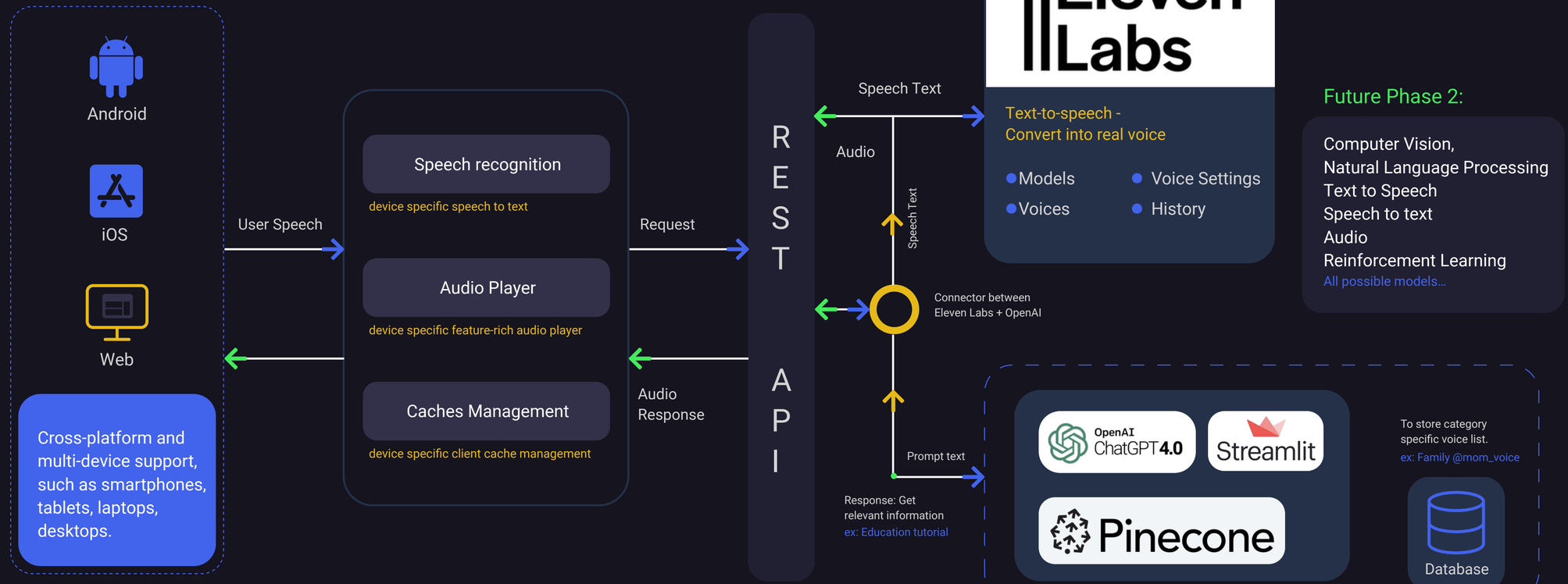
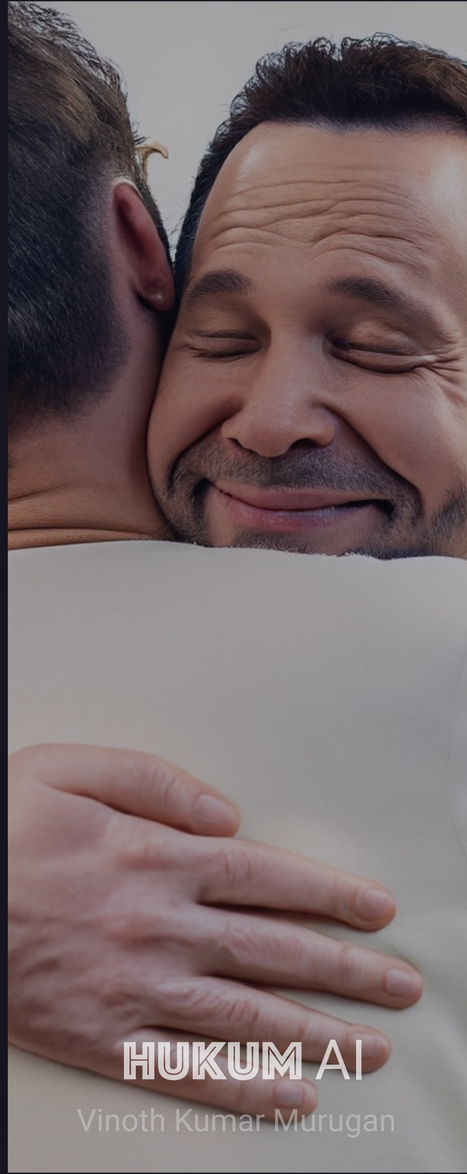
Future Phase 2 AI architecture

Phase 2 AI Solution architecture



Future Phase 2:

Computer Vision,
Natural Language Processing
Text to Speech
Speech to text
Audio
Reinforcement Learning
All possible models...



Thanks but one thing

We have many great mobile apps for our loved ones who are blind, such as BeMyEyes, Seeing AI, BlindSquare, and TapTapSee. These apps can help them to stay connected with their loved ones, no matter where they are.

However, I believe that there are still more AI models that we can train and create for our loved ones. Together, we can support them and bring them into our AI-connected world, so that they can always be with their loved ones.

2023 AI Startups

2023 new startup AI company valued at over $1 billion. The total funding of AI startups worldwide in 2023 is expected to reach $70 billion.

This is a significant increase from the $30 billion invested in AI startups in 2020.

Self-driving CAR

For Self-driving car approximately total R&D spending was around more then $3.5 billion.

AI Models may used: Computer Vision, Natural Language Processing, Text to Speech, Speech to text, Audio, Reinforcement Learning and more...

Blind people

?

Once Again! Together, we can make a difference in the lives of blind people by helping them stay connected with their loved ones in our **AI-connected world**.