

ElevenLabs AI Hackathon

Vocalverse

Welcome to the Vocalverse

Speak with anyone, anything, anytime

IIElevenLabs



Who Are We?



Ryan Mark - CTO

University of Waterloo Mechatronics

Frontend Wizard

Interned at Plan Group, the Institute for Quantum Computing, Amphenol

Boy Scout and Avid Photographer



Michael Yu - CEO

University of Toronto

Rotman Commerce 2023

Winner of MLH x NEAR Web3 hackathon, MLH Fellow, 6x hackathon winner

3D modelling and AI enthusiast



Simon Yu - CFO

University of Waterloo Financial Analysis and Risk Management

Awarded \$3000 to build an ebike business during the Ontario Summer Company Program

Finance Bro

Why us?

- Complementary Skill Sets

- Technology

- NextJS/Typescript
 - Firebase
 - Node
 - FastAPI
 - Vector Databases
 - UI/UX Design
 - Database Design
 - Systems Design
 - Vercel
 - OpenAI
 - Deployment, testing, Git
 - Python
 - Javascript
 - Unity/C#
 - Rust

- Business

- Financial Modelling
 - Financial Statement Analysis
 - Excel, Word Powerpoint
 - Startup Experience
 - Budgeting
 - Operations Management
 - Pitching
 - Investing

- Long History Together

- Can ship quickly

THE MVP

vocalverse.vercel.app

Welcome to the Vocalverse. Pick a model to get started

Find More Models

Direct Messages



Dua Lipa

Levitating



Elon Musk

X



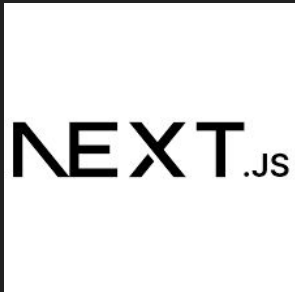
Pikachu

pika pika



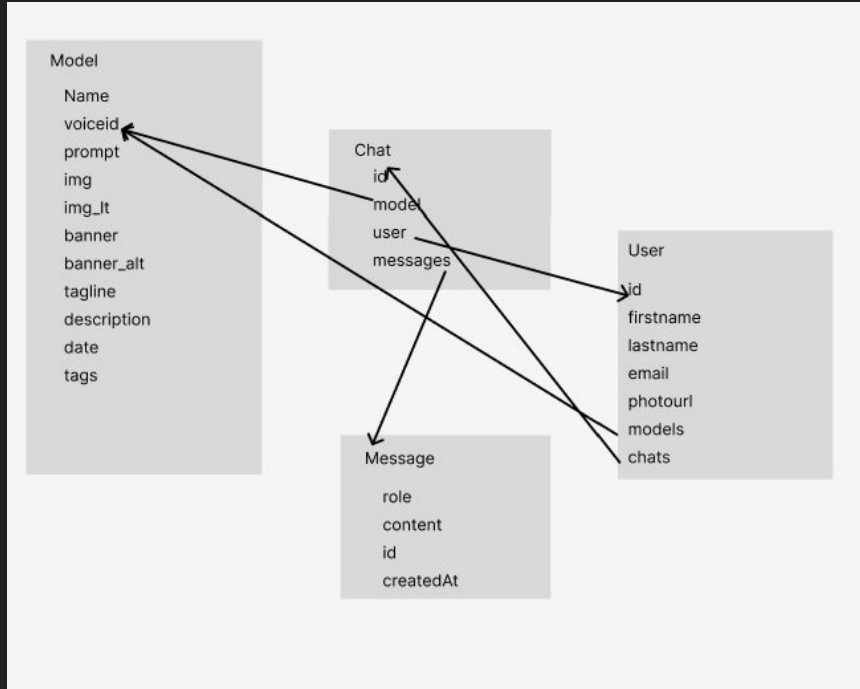
Tech Stack

- Backend: Firebase, Elevenlabs, OpenAI GPT-3.5
- Frontend: NextJS 13, TailwindCSS, React Three Fiber
- Images: SDXL 1.0
- Deployed on Vercel

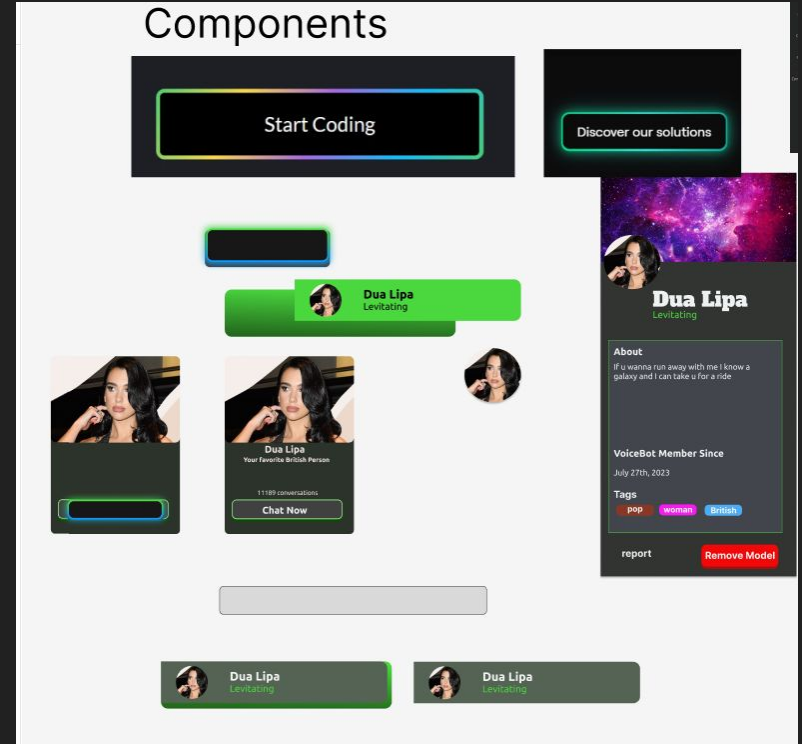


Database and UI Design

Figma



Components



What are we working on next?

Add ability for users to upload their own models

Add ability to save audio to firebase and download button on each message

Message Editing and Reporting System

What Problems Do We Solve?

- Interactivity of AI Language Models
- Loneliness and Mental Health

Minimum Viable Segment

- Introvert, weeb, depressed, has not touched grass in 3 years
- Paying user of anime, CharacterAI, vtubers, therapy
- Social media addict
- The elderly



Market Analysis

Market Size

25 Billion

Annual Revenue

250 Million

Global ChatBot Market: 4.9 Billion by 2032, up from 0.84 Billion in 2022. 19% CAGR

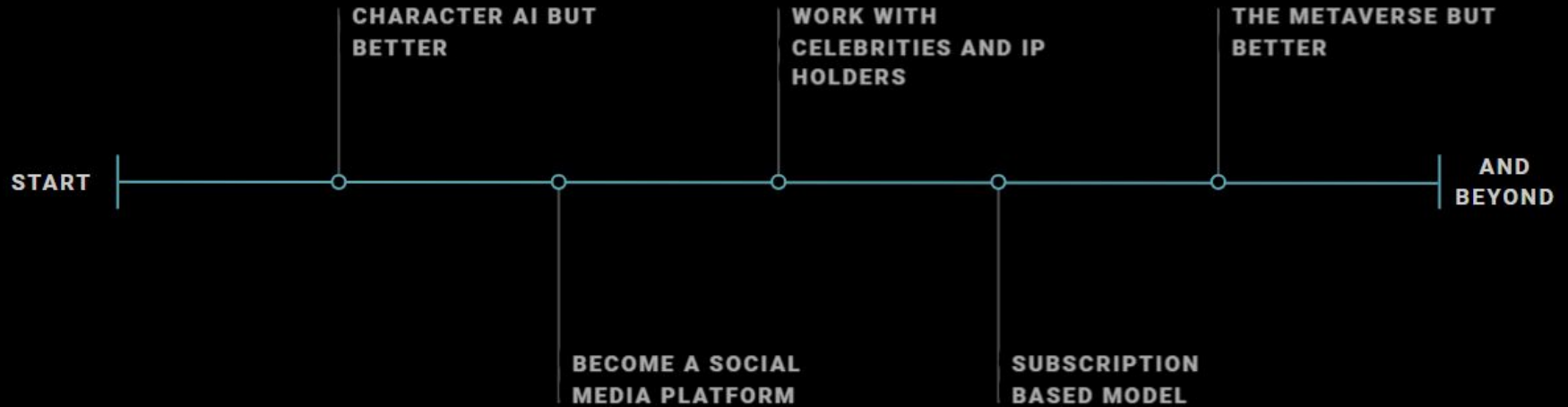
Global VTuber Market: 13.2 Billion 2028, up from 2.2 Billion Today, 35% CAGR

Medicare spends 6.7 Billion per year on lonely elderly adults

Assuming we capture 1% of this \$25 Billion market, we will receive \$248 million in annual revenue

CharacterAI has 200 million users

What Are Our Future Prospects



The End

Sources

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<https://techcrunch.com/2023/05/31/character-ai-the-a16z-backed-chatbot-startup-tops-1-7m-installs-in-first-week/>

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