

FINN

Designed by...

Hello Bois

& a lady



A voice assistant for your retirement

Dennise
Front End Engineer

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Back End Engineer

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UI/UX Designer

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FINN

By 2030, it would be almost 1 in 4 Singaporeans over 65...



Am I financially ready
to retire?

In Singapore 2023 Risk Barometer:

80% concern about inflation

70% concern about recession

68% concern about investments/scams



Tan Kee Boo

Age: 60

Occupation: Taxi Driver

Technology Comfort level: Mid

Education: Secondary school

Language: Conversational English,
Chinese.

Mr Tan is living in an HDB in Toa Payoh, married with 2 children. He has been a taxi driver for 20 years. His interactions are limited to his neighbour, coffee shop and community centre.

As Mr Tan is going to retire, he hears about retirement mainly from his children.

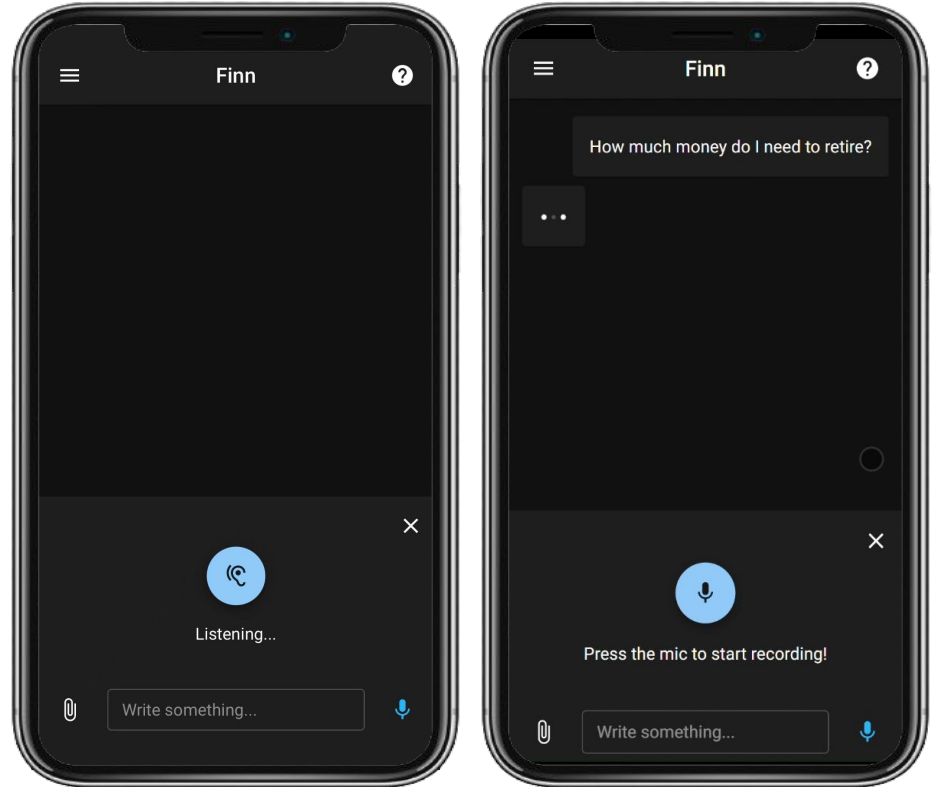
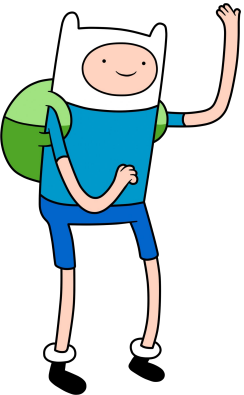
He doesn't want to be a financial burden to his children in his late years...

Problem Statement

- Mr Tan needs an easy and simple way to understand retirement planning.
- Mr Tan needs a tailored and personalised plan based on his changing financial status.
- Mr Tan should have access to retirement information anywhere, without having to search for it.

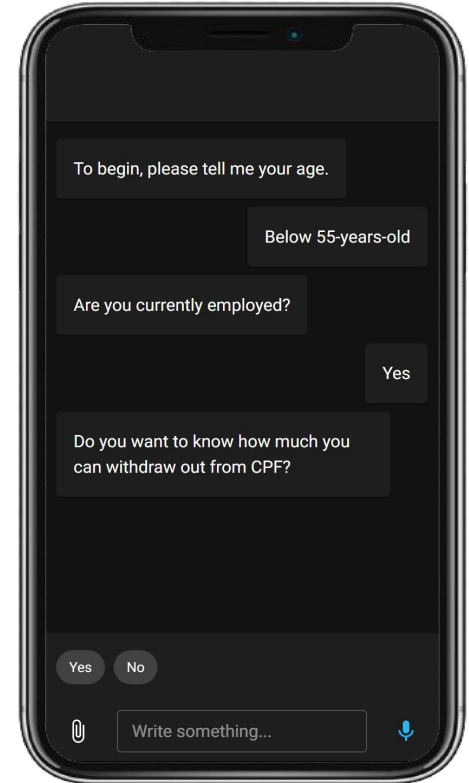
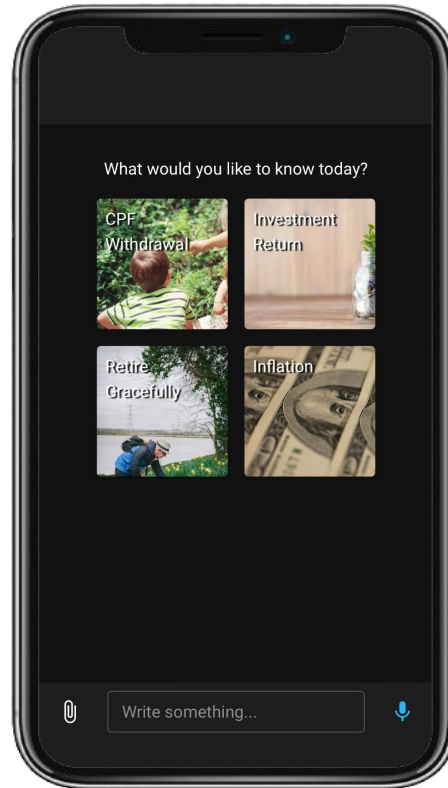
**Simple to use interface
for voice recognition to
simulate a in-person
experience.**

**AI supported responses
to go through
onboarding processes
and answering questions
based on Singapore
context.**



Recommended topics of concern for exploration with pre-defined paths.

Recommended answers to facilitate the Q&A.



Real-Time Speech Recognition

Captures audio from
the microphone

Real-time audio data
processing

Audio transcript and
on-screen display

Batch Audio Transcription

Reads audio files

Processes and
transcribes the audio
data

Stores the
transcription result in
the SQLite database



API Services

Exposes endpoints for real-time speech recognition and batch transcription

Handles incoming requests and triggers the corresponding processes

Returns results to the client using postman

Stores the transcription results and responses in the SQLite database.



Full Data Pipeline Overview

Docker Set Up

Containers for training, inference, real-time processing, batch transcription, and API service

Uses Docker Compose to manage multi-container setup and ensure services are integrated properly

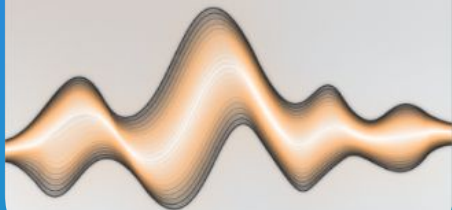
Stores the transcription results and responses in the SQLite database.

99%

Voice
Accuracy

Privacy
Protection

<
What Can I
help you with?



More Friendly Design

FINN

What
to do
Next?



1s
Lower Latency

Personal Financial
Overview

Document
Readthrough

To begin, please tell me your
age.

Above 55 years old

Do you want to know how much
you can draw out from CPF?

Yes

At age 55, you can withdraw
your Retirement Account savings
above the Basic Retirement
Sum. If you have set aside the
Full Retirement Sum or the
Enhanced Retirement Sum, you
can withdraw any remaining
Ordinary and Special Account
savings.

Write something...

Personalized AI Advice

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Simplify your retirement planning with personal financial advice, provided by AI-boosted advisor on your phone.



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**Thank
You**