Rock Panda

Closing The Distance between you & knowledge

RAG AI teaching assistant

Midterm is coming...

I'm so anxious... so anxious... so anxious... so anxious... so anxious...

Rock Panda

The Panda, who deferred graduation for years,

- With an exceptionally rich test-taking experience
- Knows people wherever they go

Your personal tutor to help with exam anxiety!

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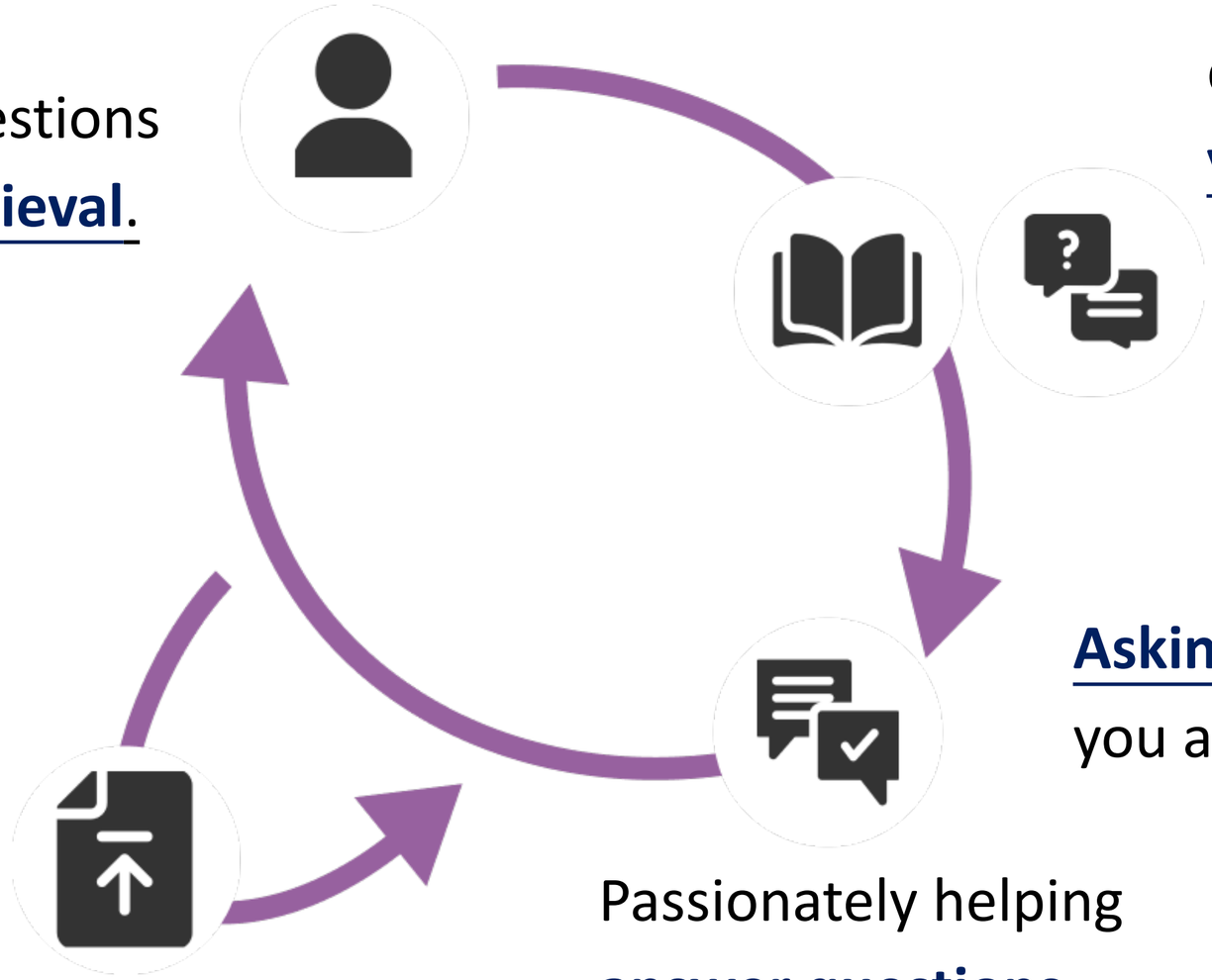
Numerous exam questions in mind for **easy retrieval**.

Generates similar questions to **enhance your comprehension.**

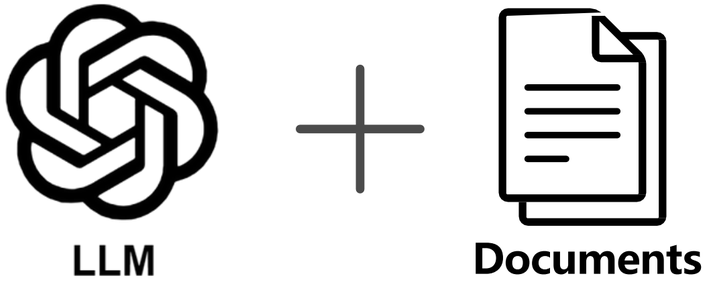


Asking test questions for you anonymously.

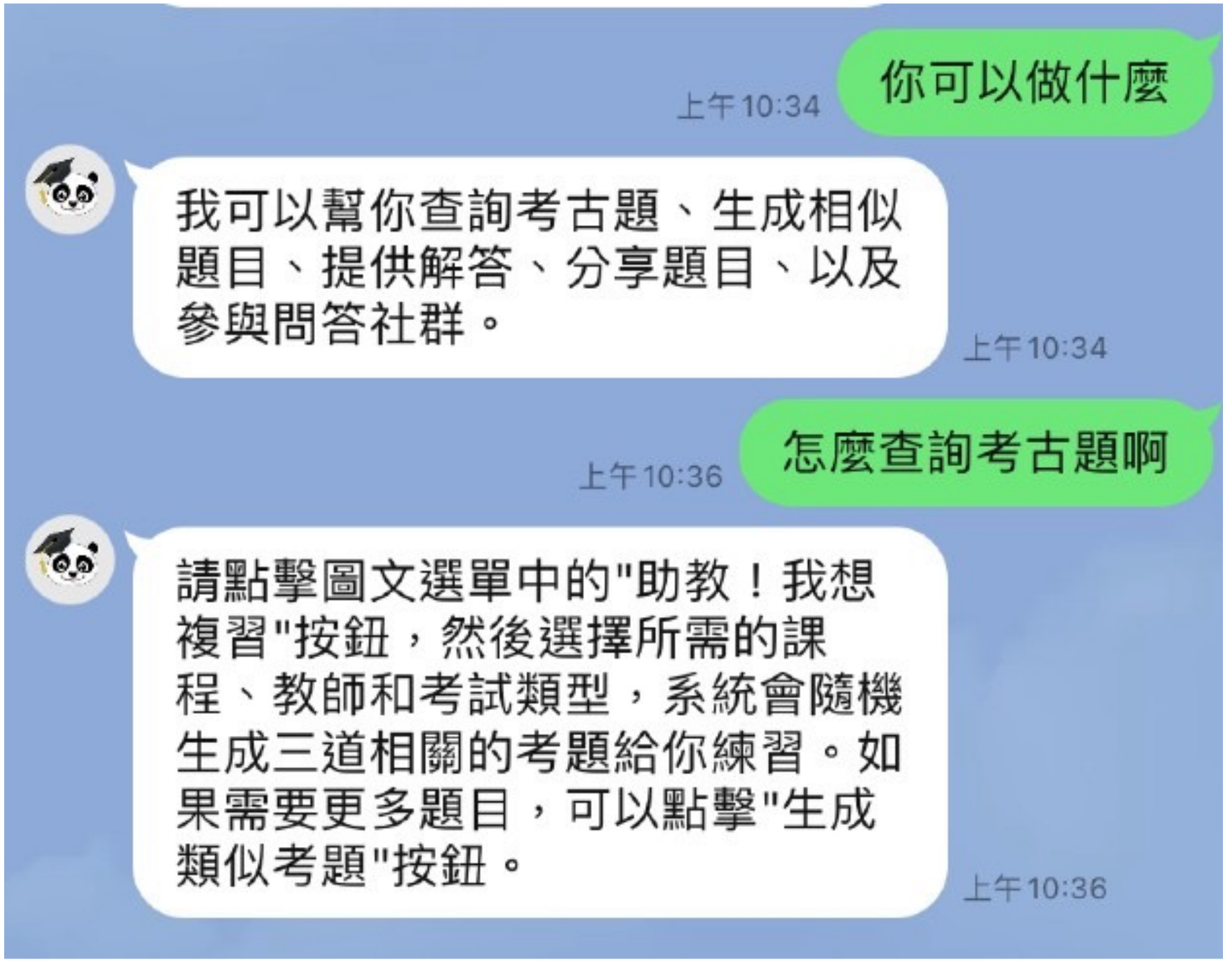
Passionately helping **answer questions**.

Accepting student-submitted questions for **instructional growth**.

Feature:
Chat Q&A



Retrieval Augmented Generation



Feature: TA! I want to review the lessons

- Inquiry about exam questions

  Subject: Calculus

  Professor: Currently

  Exam Type: Quiz/Midterm/Final

Feature: Ask a question

- Ask a question

  Field: XXX Question: I don't understand a certain aspect of XXX.

- View and delete personal question history

- Browse questions and provide answers

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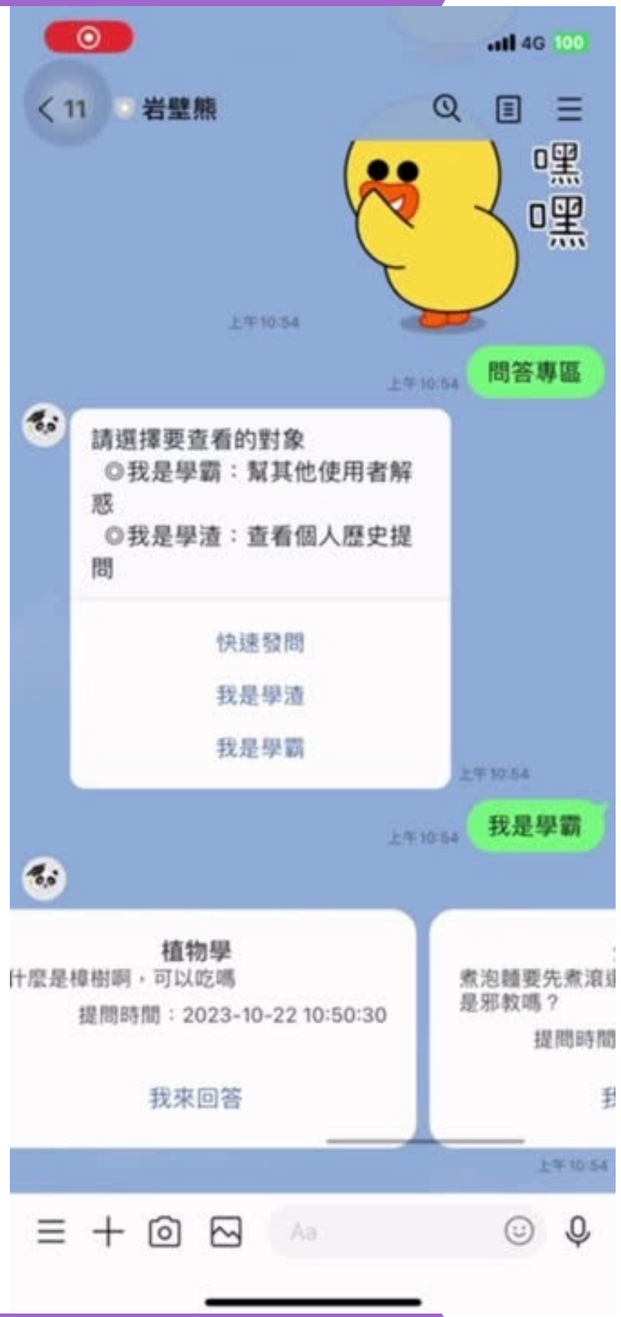


Feature: Contribute your knowledge

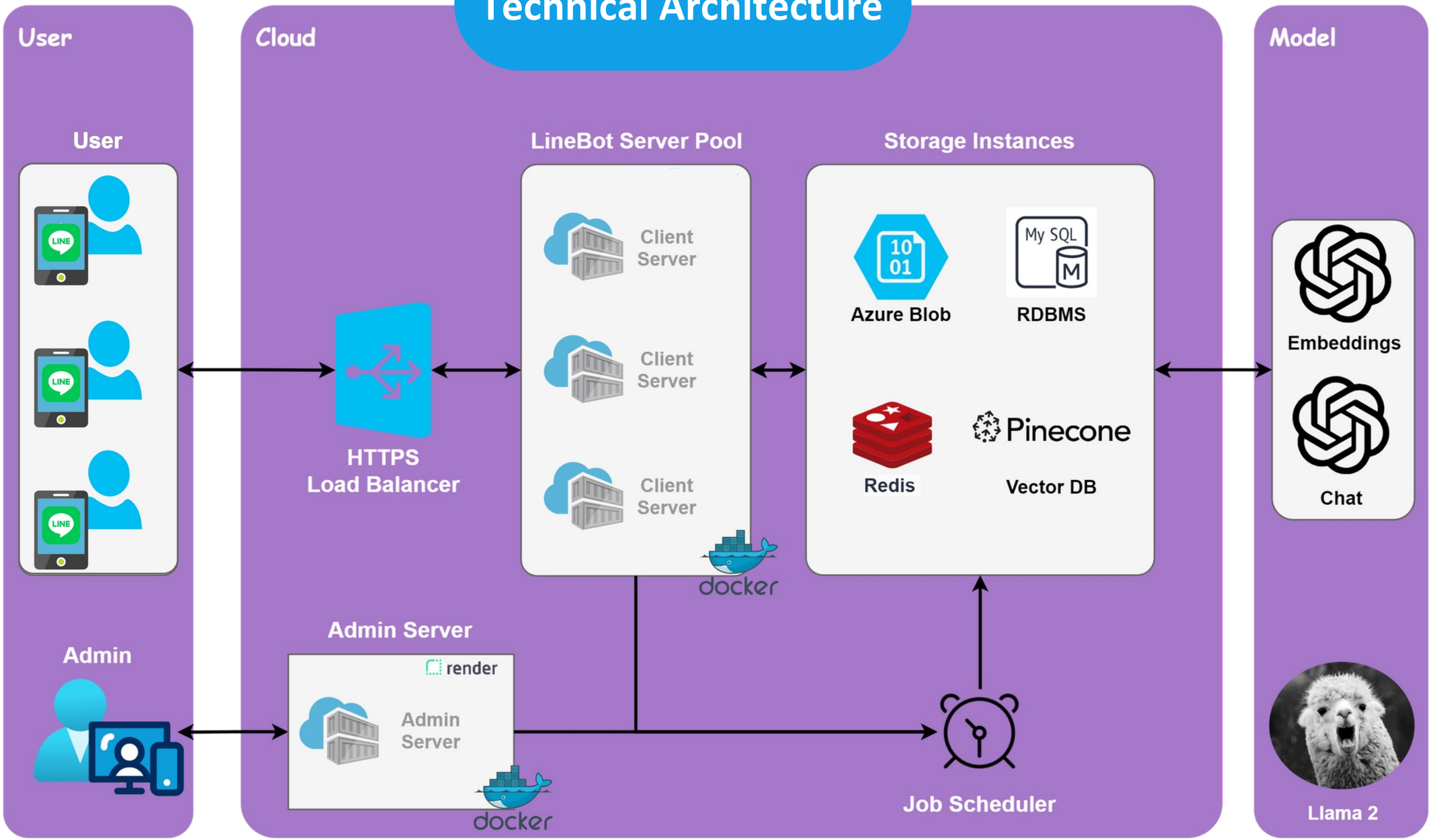
- Upload a file

1. Enter exam question information
2. Send files to the chat room

- Inquire about previously uploaded results

Display user-uploaded files and the status of the file

Technical Architecture



Future Potential

Improvement

- Teaching assistants in-class features
  - Embedding textbook database
- Automating the review process
  - Enhancing the ETL process

Operation model

- User-contributed questions

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- An open and privacy Q&A platform

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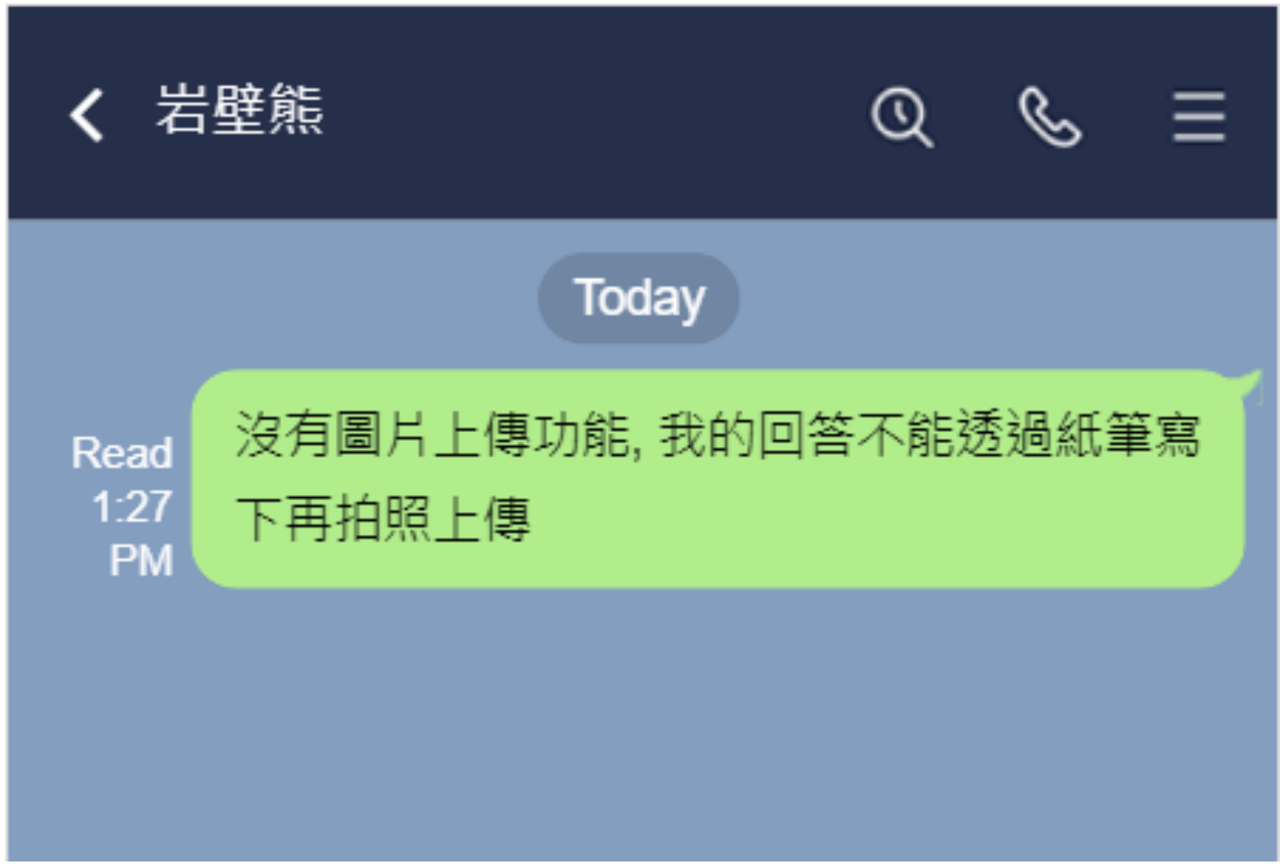
- User community

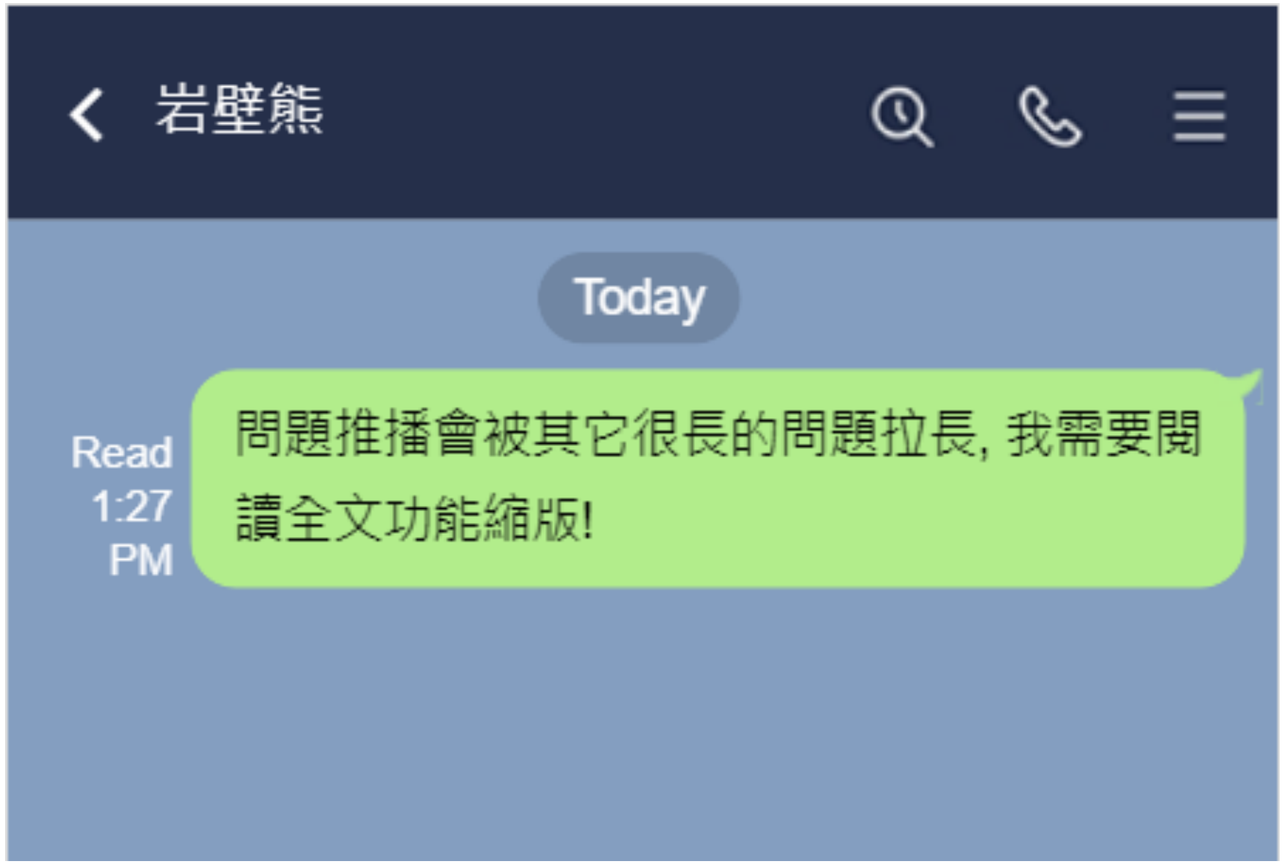
User feedback

I hope for support for image uploads



User feedback

I hope for the ability to read the full text



File upload review dashboard

https://rag-hackthon-admin.onrender.com/review

Let’s chat