Task 2

MEX
Assistant

Presented by **502 bad gateway**

Introduction
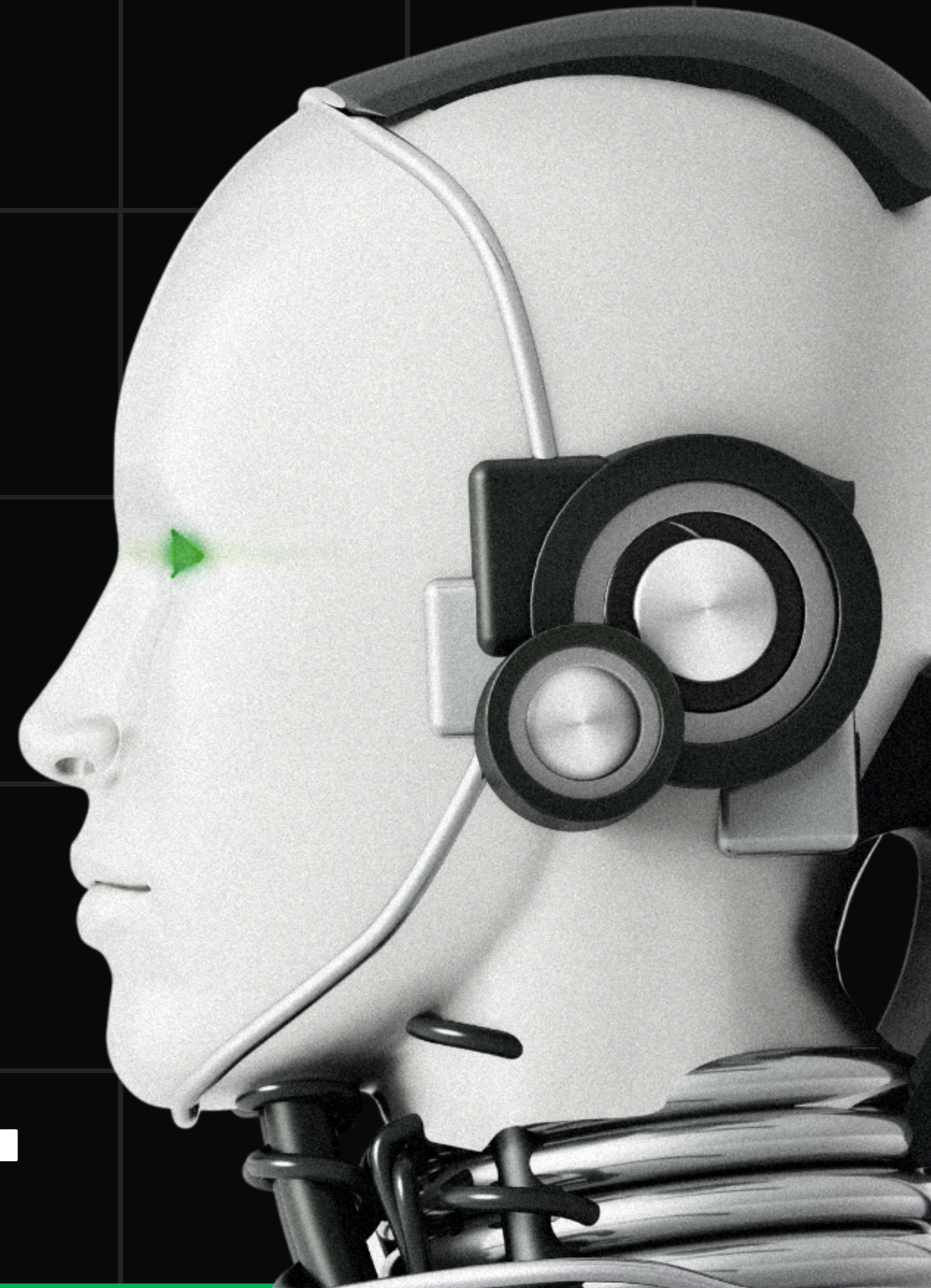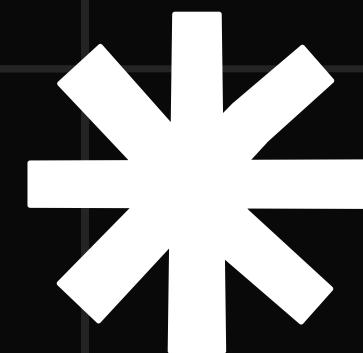
→ **Chong Kai Zhi** → **Xu Yue** → **Low Jing Wen**

→ **On Chian Yee** → **Teo Shiang Yih**
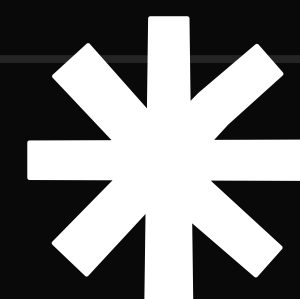
OUR TEAM

Problem Statement
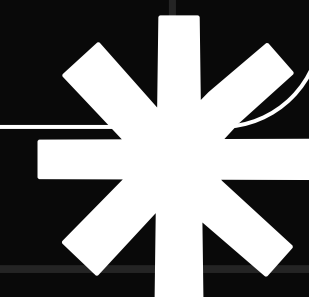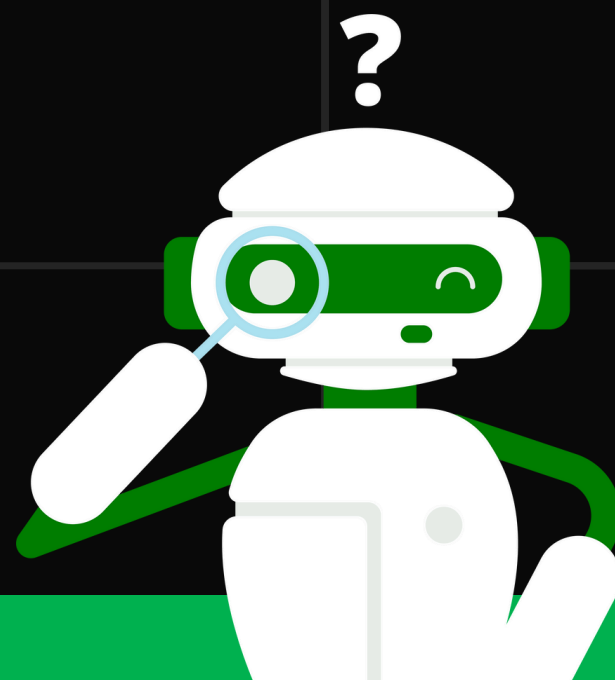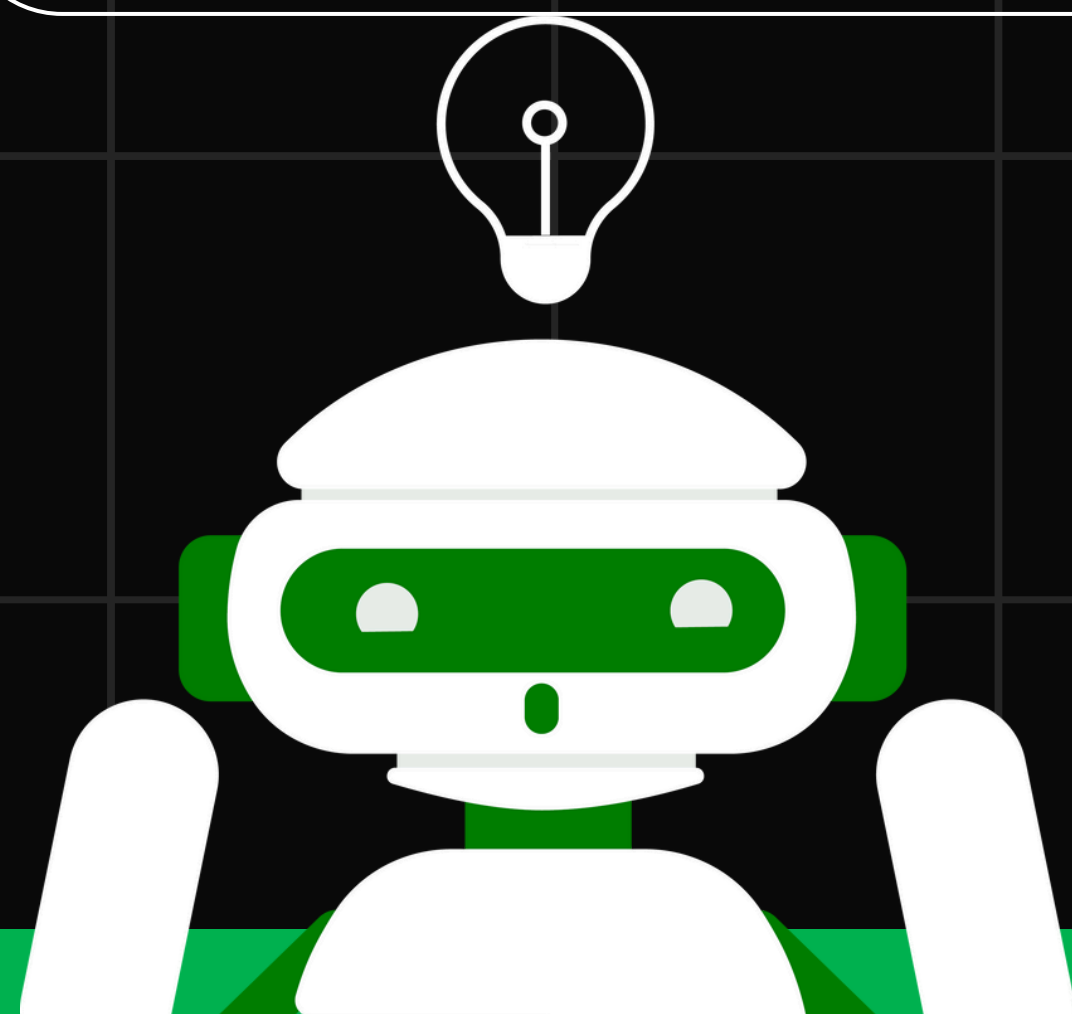
Provide real-time analytics and business insights

- Automate timely delivery of sales and inventory reports
- Highlight critical issues and opportunities for merchant attention

Deliver personalized, actionable recommendations

- Cater specifically to merchant characteristics (type, region, size)
- Suggest improvements and identify growth opportunities

Support diverse communication needs

- Manage multilingual, colloquial, and straightforward interactions
- Ensure easy-to-understand and practical dialogues that drive merchant engagement
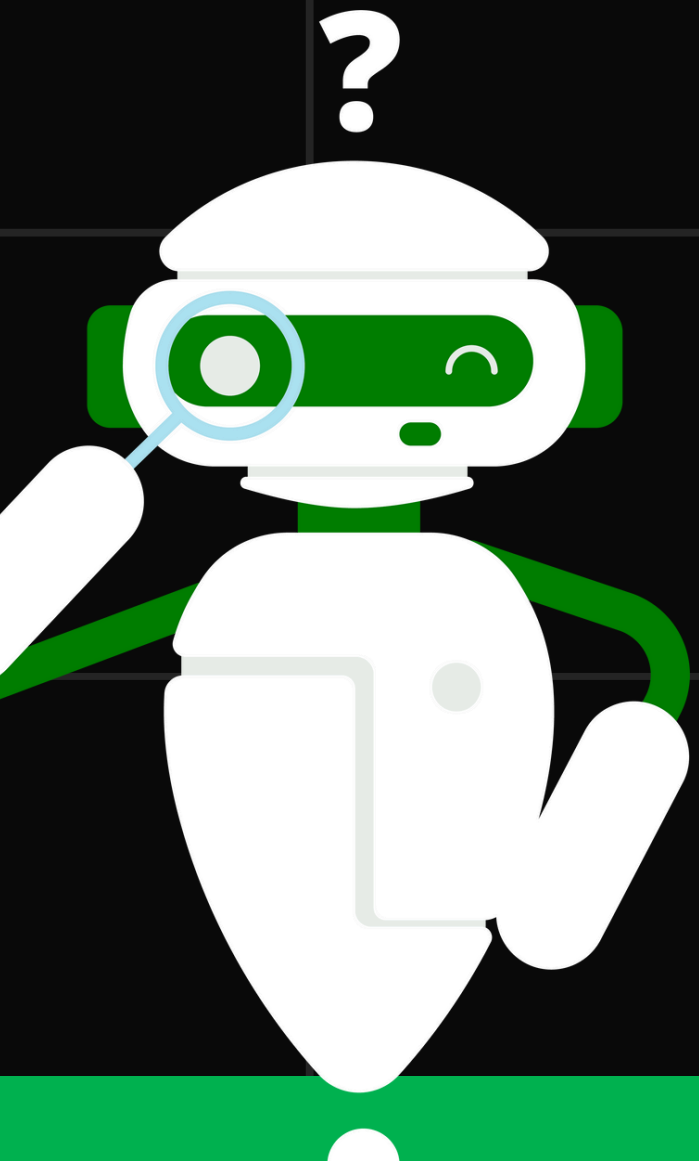
Our features

- **Data-Driven Insights & Analysis**

  Analyse diverse kinds of data and give **marketing advice** with AI powered.

- **Nearby Delivery Partner Collaboration**

  Proactively recommend **delivery drivers** for cooperation, ensuring the delivery **quality** for merchants.

- **Multilingual Interaction**

  Intelligently **recognize** the user's language and support **multiple** languages. Trained with south asia language models with **colloquial** tone.

UI Design

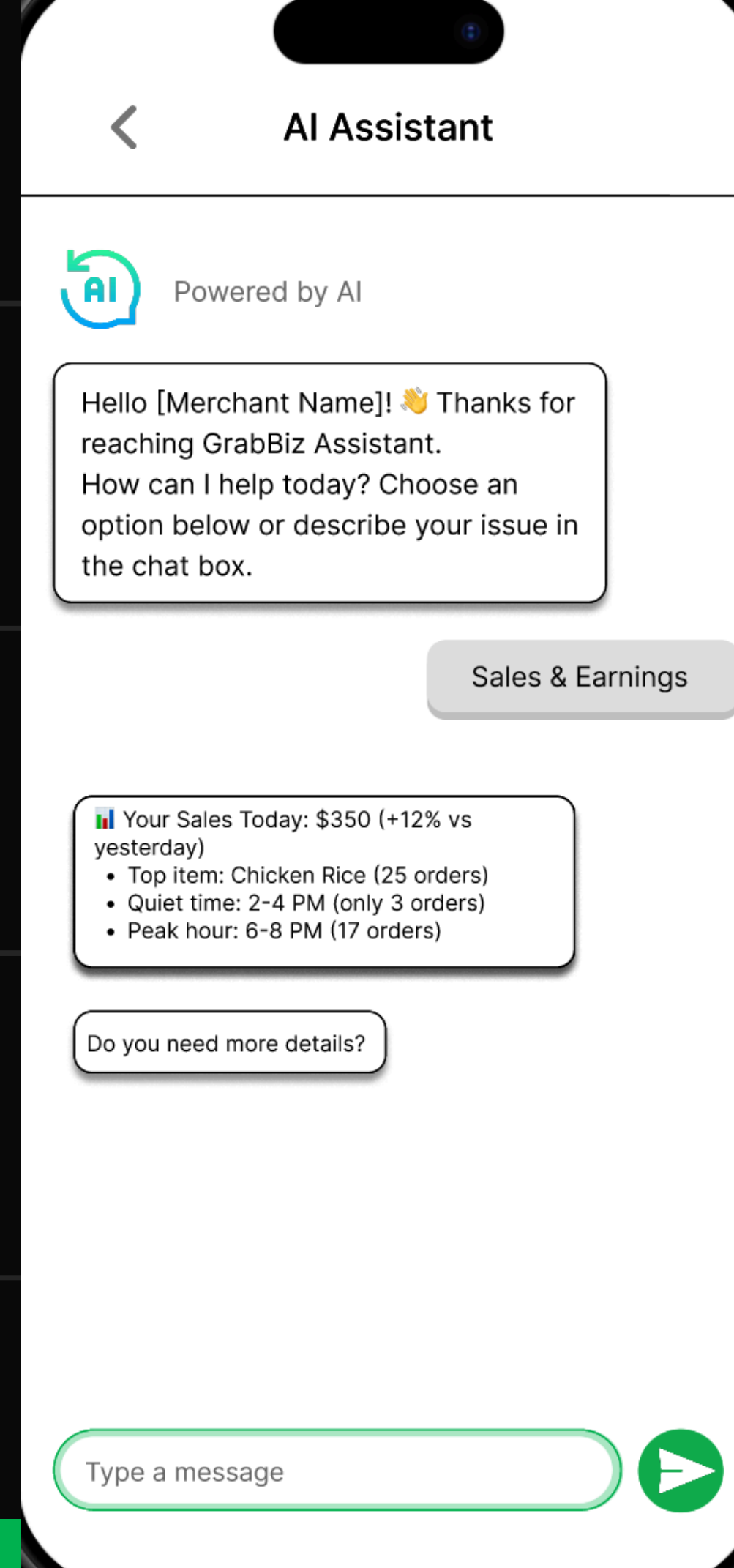- **Clean, user-friendly interface** for business support

- **AI-powered assistant** with **conversational interaction**

- **Quick-access buttons** (e.g., Sales & Earnings)

- **Card-style** display

- Bottom **chat box** for **input** and responses

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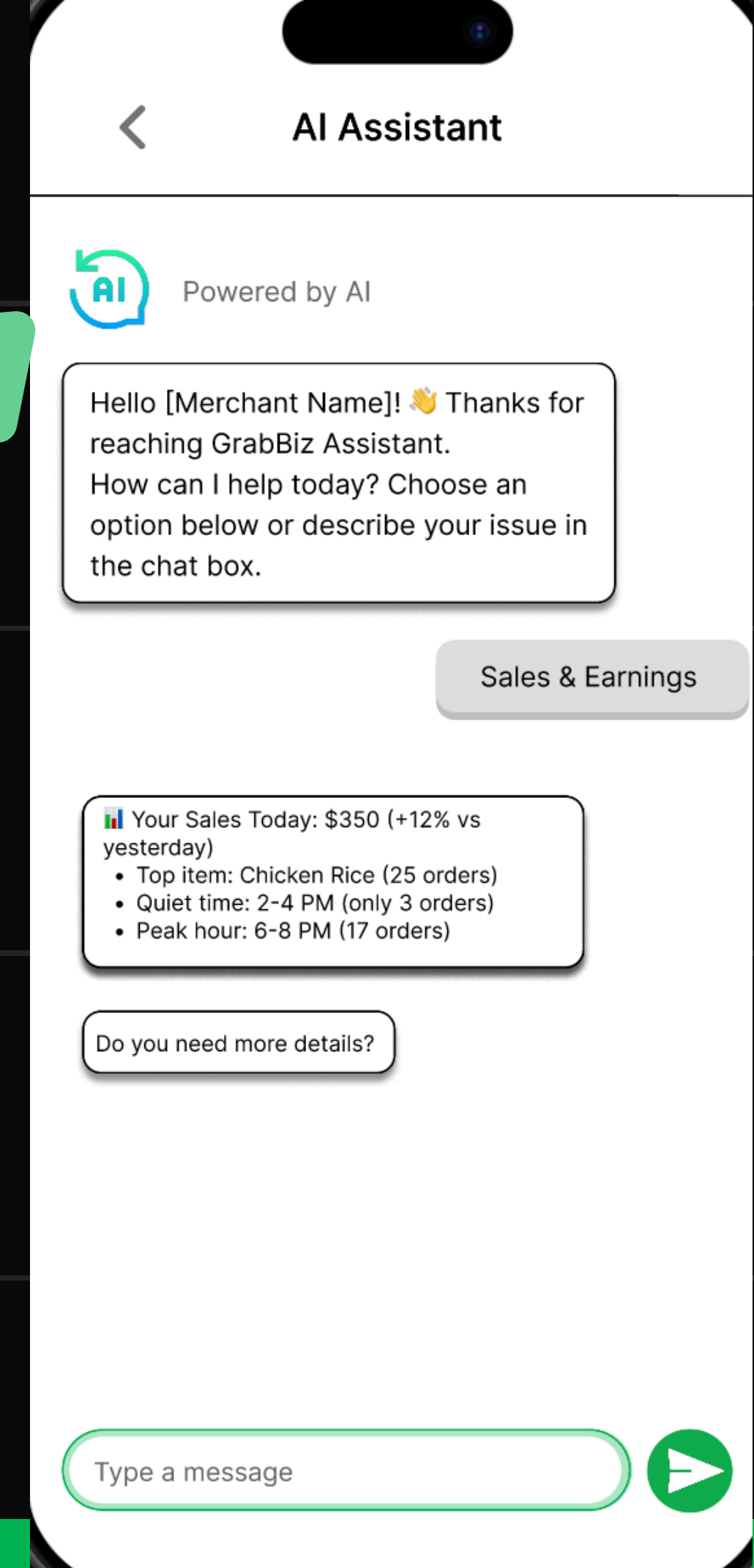- Bottom **chat box** for **input** and responses

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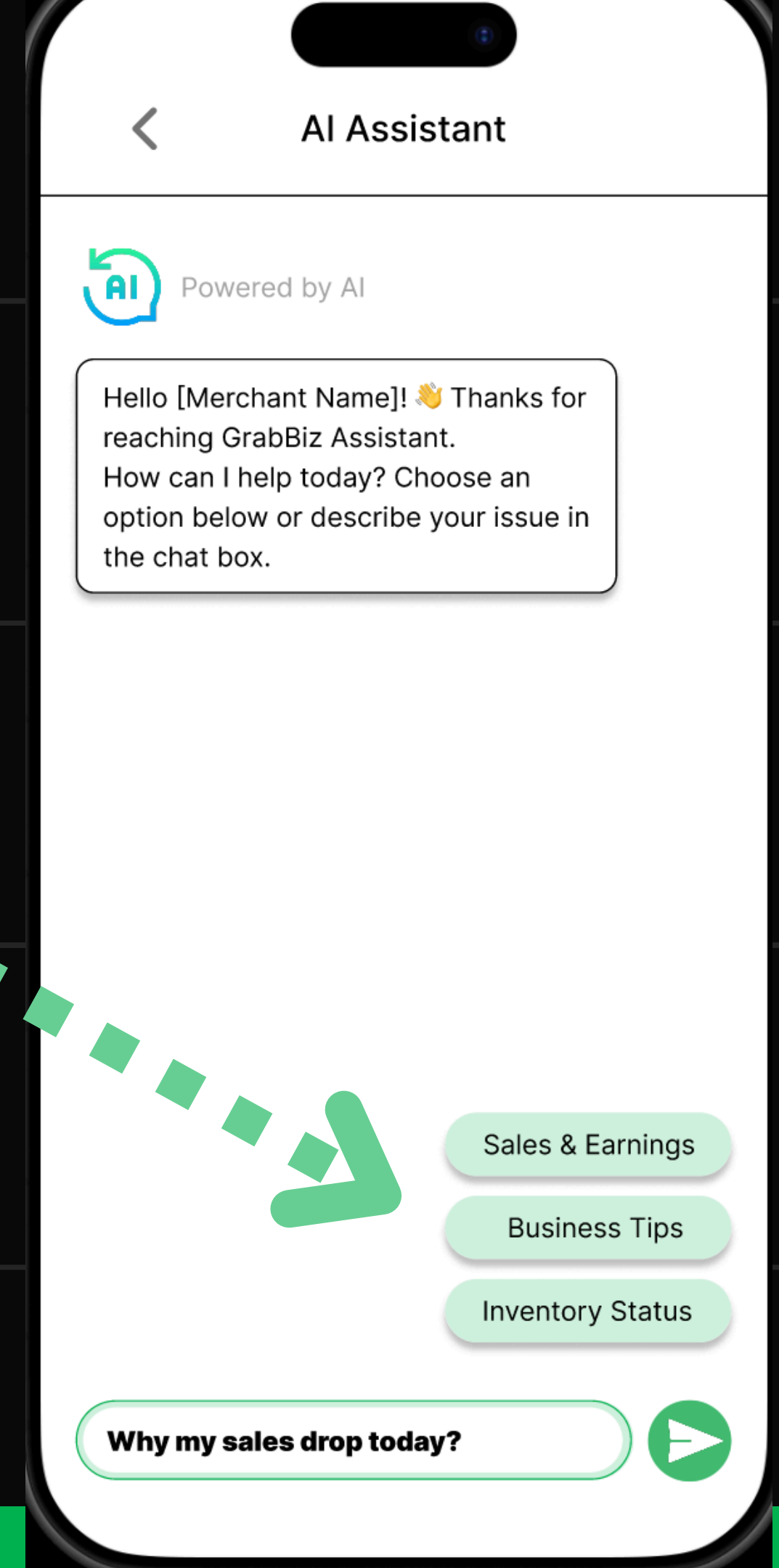- Bottom **chat box** for **input** and responses

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< **AI Assistant**

(AI) Powered by AI

Hello [Merchant Name]! 👋 Thanks for reaching GrabBiz Assistant.
How can I help today? Choose an option below or describe your issue in the chat box.

Sales & Earnings

📊 Your Sales Today: $350 (+12% vs yesterday)
- Top item: Chicken Rice (25 orders)
- Quiet time: 2-4 PM (only 3 orders)
- Peak hour: 6-8 PM (17 orders)
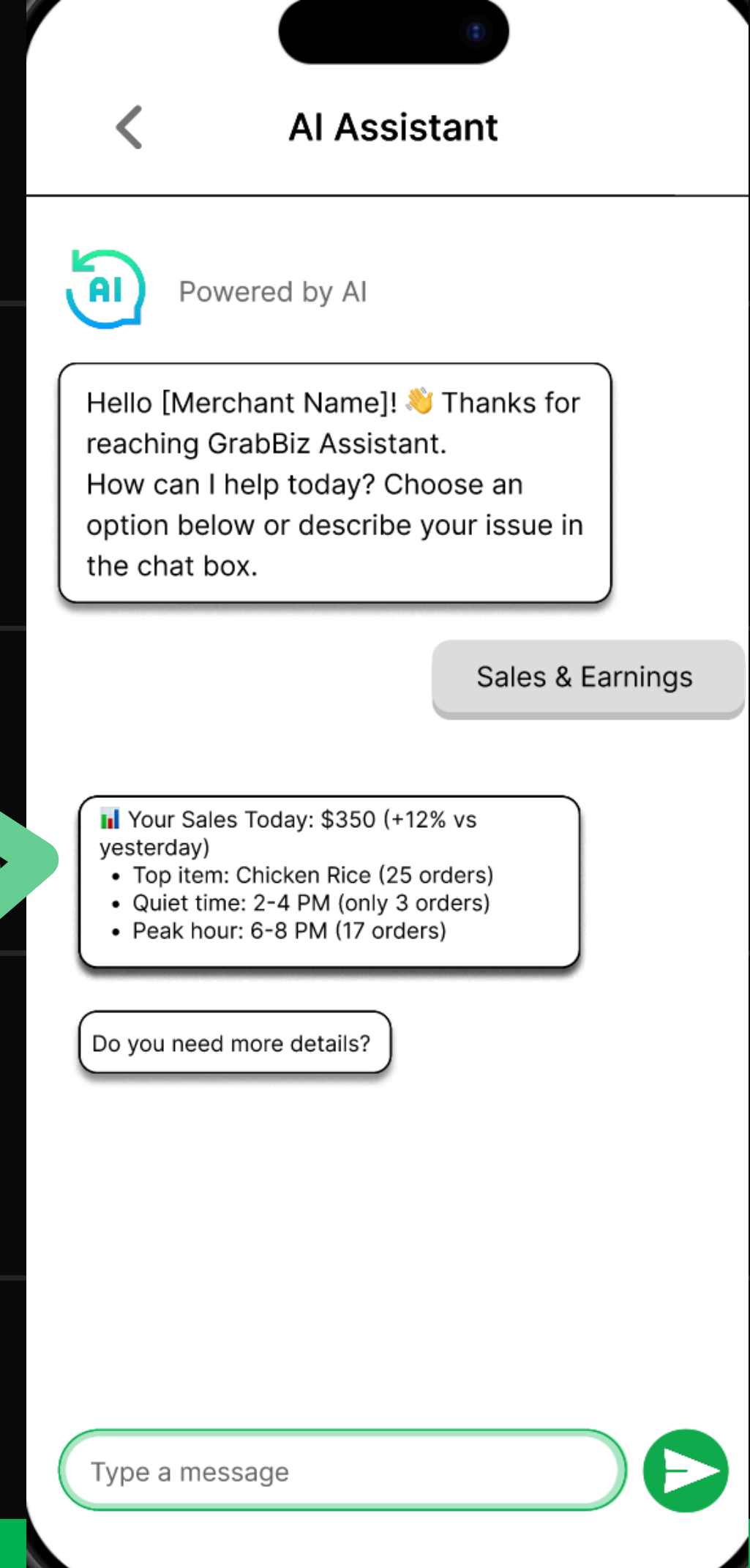
Do you need more details?

Type a message

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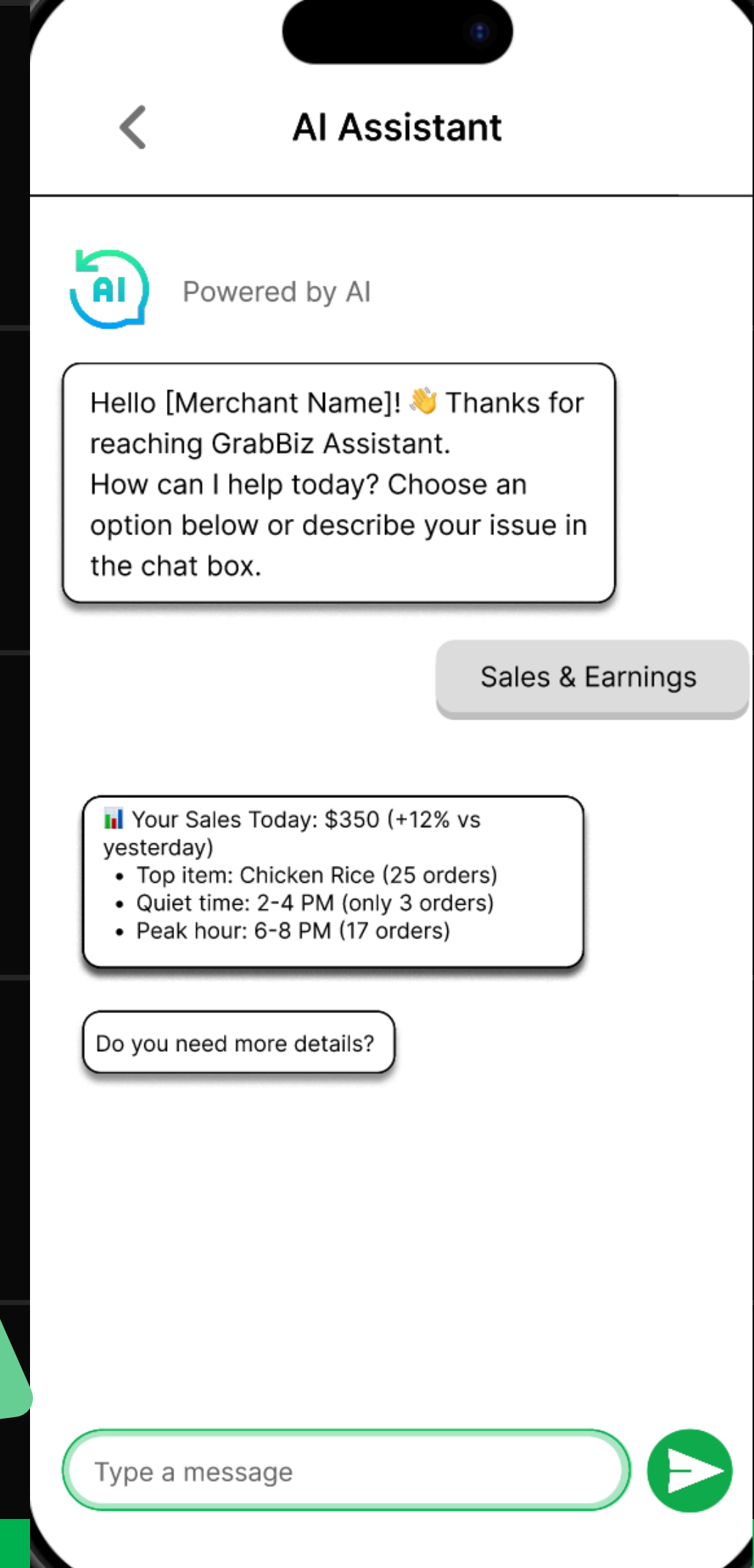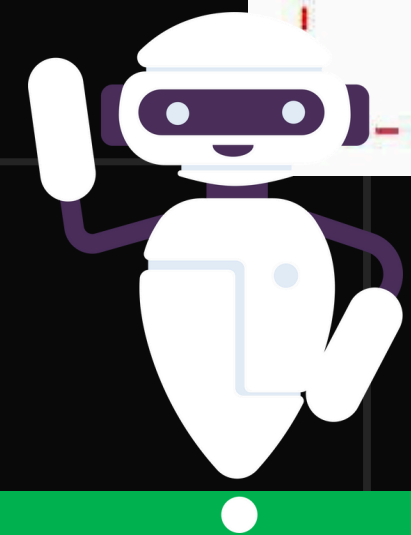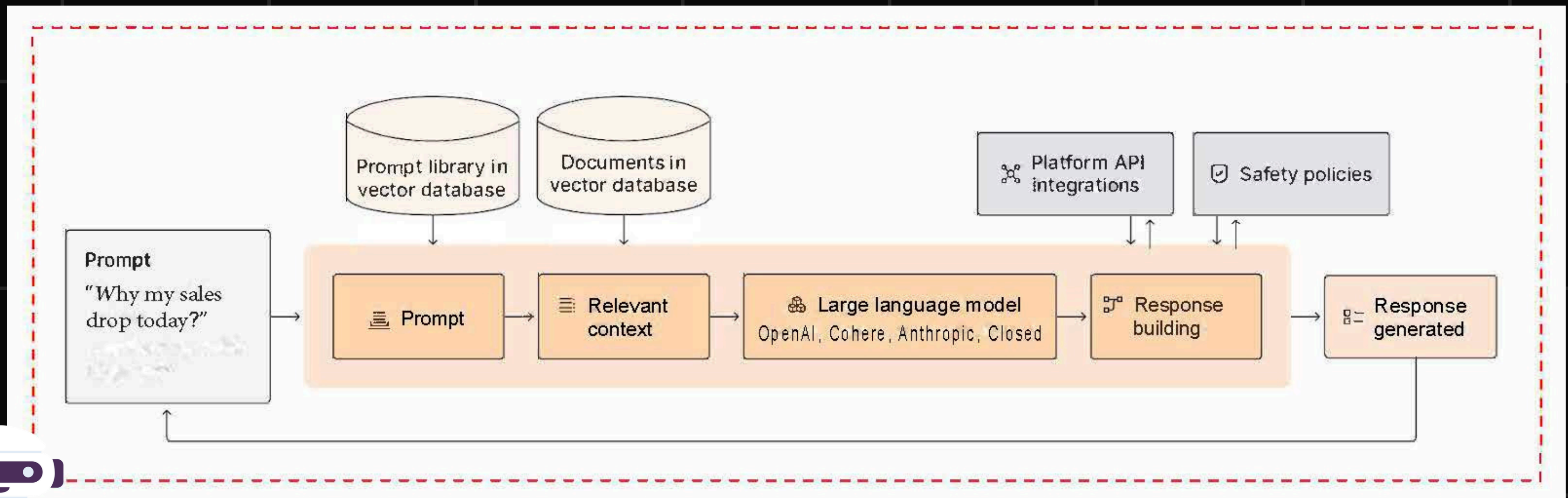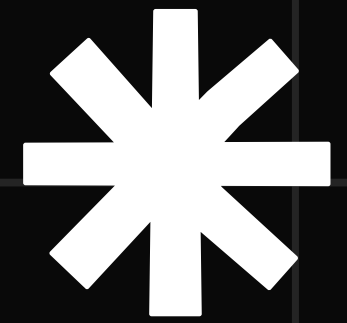- Bottom **chat box** for **input** and responses

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Backend Architecture

Future Plans

Current: Post-Preliminary

- Begin source code development upon qualification
- Prepare for demo-ready version for final evaluation
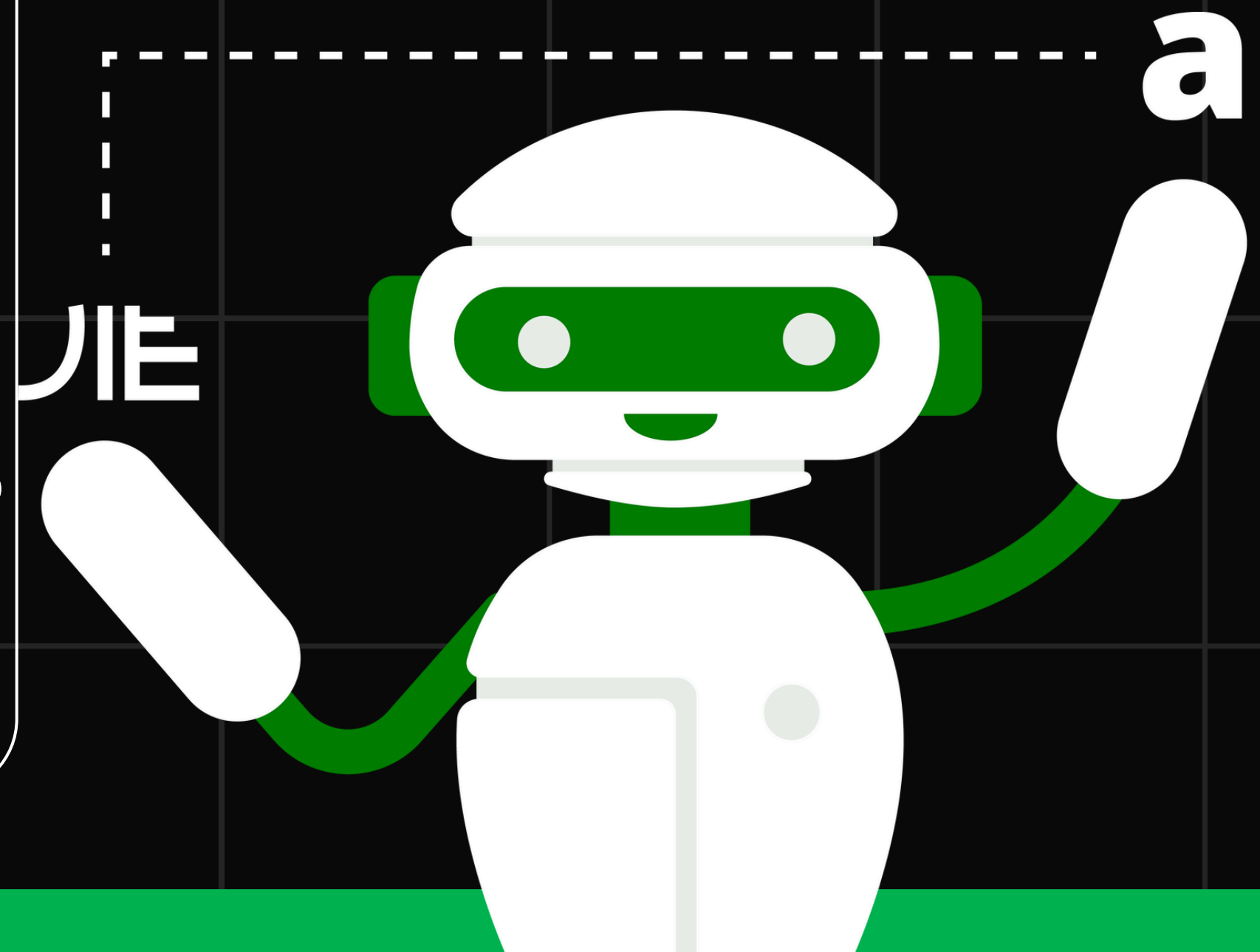
Near Future: Post-Final

- Refine insights accuracy and relevance using judge/mentor feedback
- Explore pilot testing with selected Grab merchant-partners
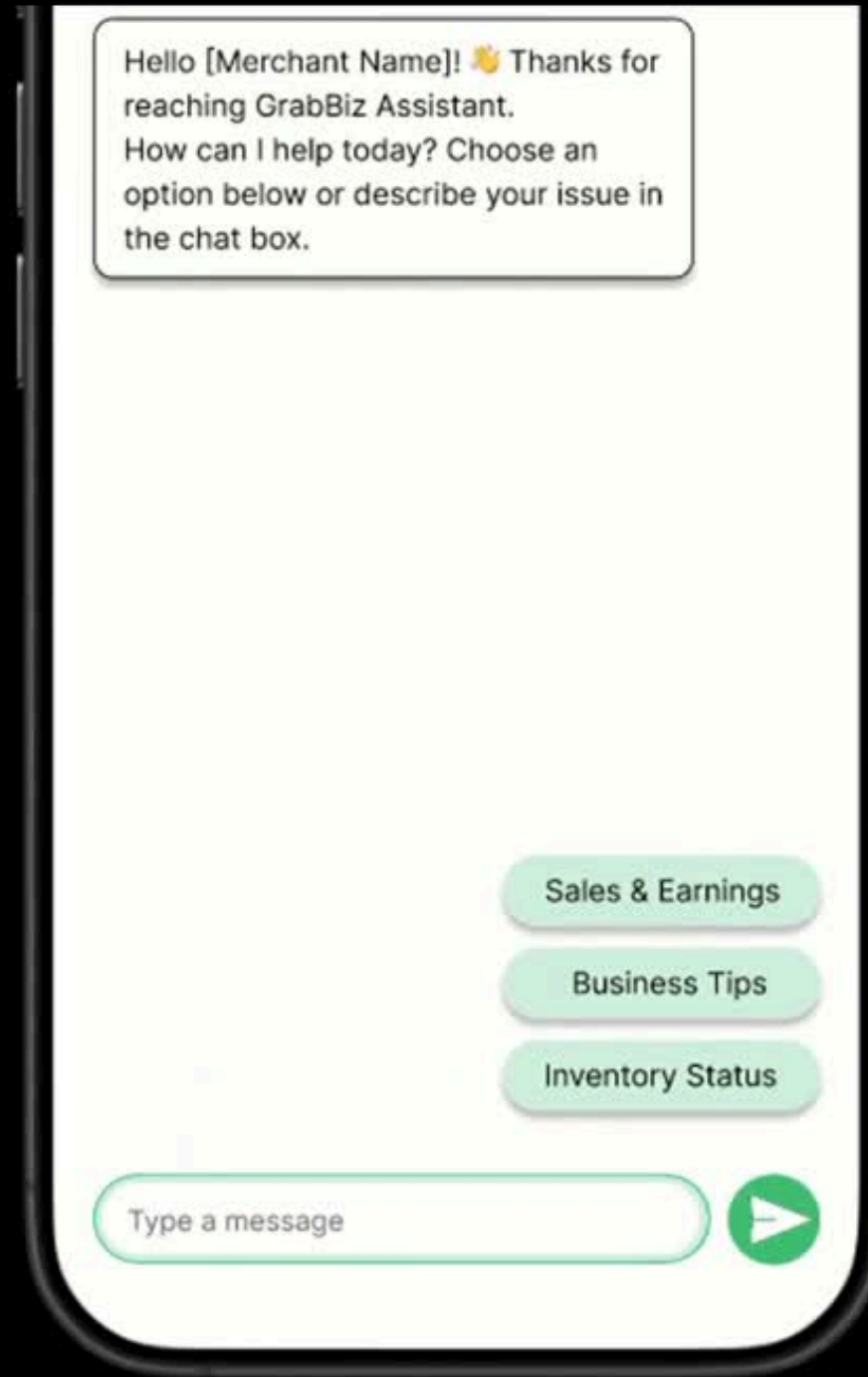
Distant future: Long-Term Vision

- Launch as a feature within the GrabMerchant app
- Enable large-scale operations through backend optimization
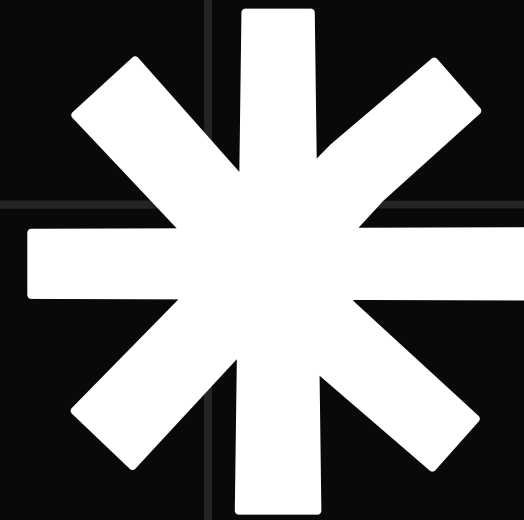
Demo Video

Link:

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Thank you

@502 bad gateway