



9/27 Meeting

Nexteer (AI Bots) Capstone Team



Agenda

Progress in the Past Week

Deliverable

Questions

Goals for Next Week



Progress in the Last Week

Data Team

1. 1st draft of our POC schema: <https://dbdiagram.io/d/KBChat-66f624cc3430cb846cc86bf4>
2. Structuring user query data from chat-history.json



Progress in the Last Week

Modelling Team

1. Generated 100 rows of synthetic user data

2. "What was the purchase history of client X?"	Customer Database Search	
3. "Who do I contact for billing issues?"	Organizational Information	
4. "What are the roles of the marketing team?"	Organizational Information	
5. "Find me the latest tech news articles."	Internet Search	

Progress in the Last Week

Modelling Team

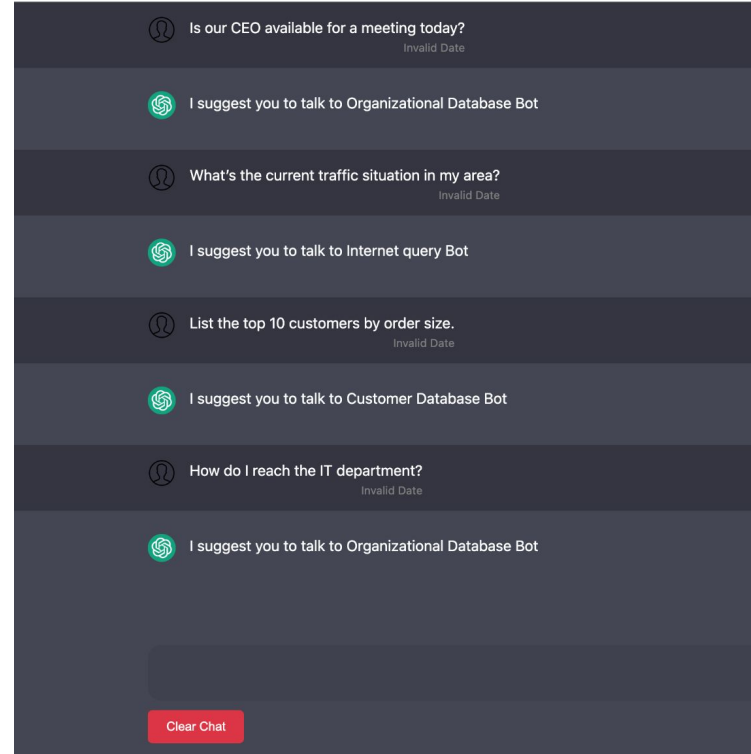
1. Tested Gemini API with the following results:

Accuracy: 97.33%

Total execution time: 246.45 seconds

Average classification time: 3.08 seconds

Number of queries processed: 80





Deliverable

POC:

1. A model that understands user query domain and skills
2. Redirection logic/demo of redirecting user to specialized chatbots

Deliverable items:

1. Code (for testing model/redirection logic)
2. Documentation/Report



Goals for Next Week

Data Team

1. Write documentation for our database schema for clearer understanding of the columns
2. Metadata structure for the dispatcher

Modeling Team

1. Evaluate the model on real user query data.
2. Benchmark performance of at least 2 API based models on synthetic data



Important Date:
Friday 10/11 9-10am
Midterm Presentation



Questions