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# 10/4 Client 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. 2nd draft of our POC schema: <https://dbdiagram.io/d/KBChat-66f624cc3430cb846cc86bf4>
2. Making a dataset from the chat history



# Past Progress

## Modelling Team

1. Generated 100 rows of synthetic data

1. "Can you tell me the total revenue from customers last year?"	Customer Database Search
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
6. "What's the price of the new iPhone?"	Internet Search



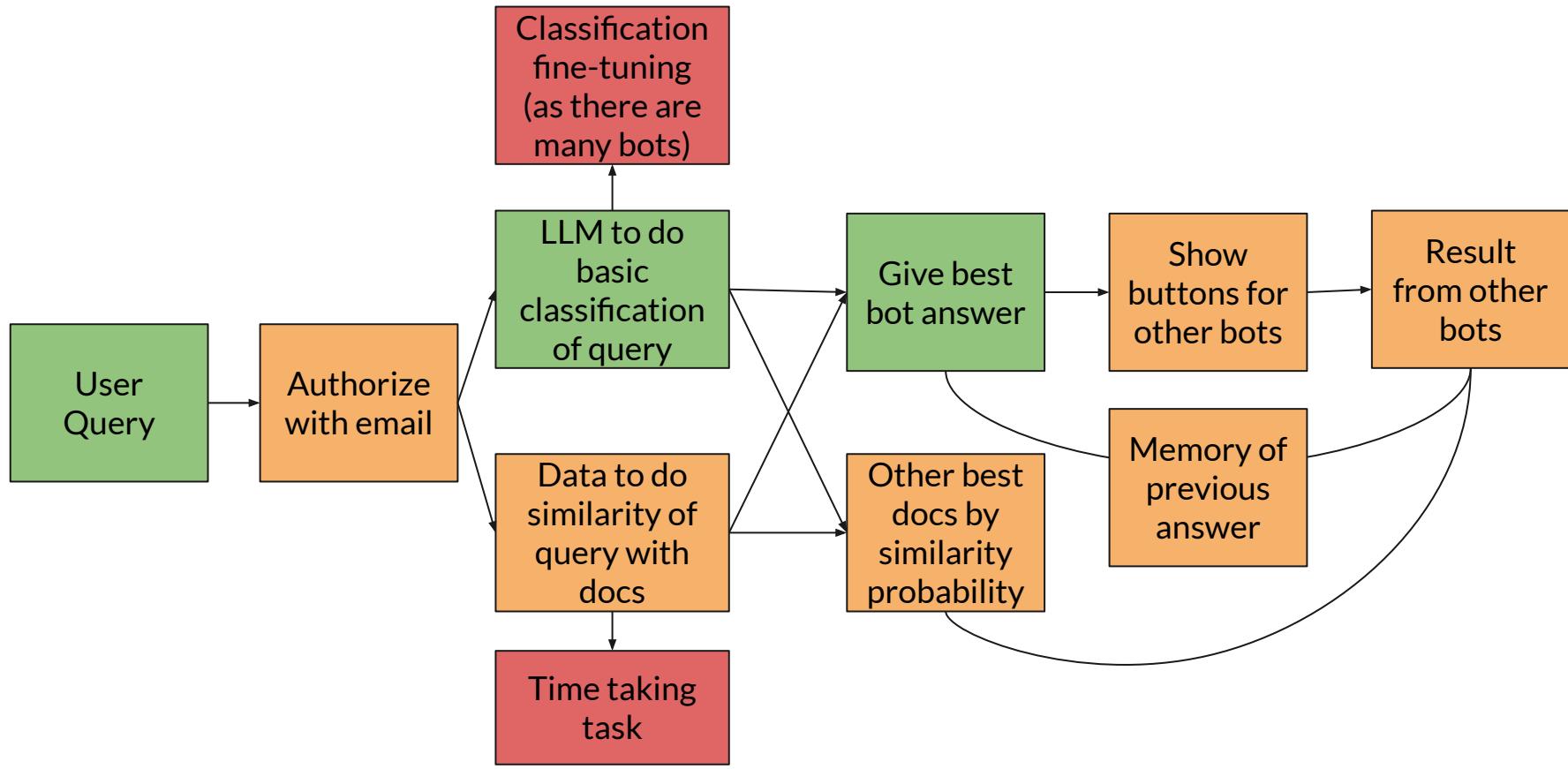
# Progress in the Last Week

## Modelling Team

1. Tested and benchmarked GPT Model with Gemini Model on 100 rows of user data

Model	Accuracy	Inference Time(seconds)
Gemini	97.3%	3.08
GPT(4o-mini)	96.7%	0.67

# Modeling Pipeline





# Goals for Next Week

## Data Team

1. Write documentation for our database schema for clearer understanding of the columns
2. Add chat history data for our proposed database
3. Metadata structure for the dispatcher and initial ideas for prompts

## Modeling Team

1. Test classification accuracy with batching(Batching multiple user queries to get one classification)
2. Create more synthetic data(500-1000) that mimics real world user chat history(spelling mistakes, informal tone, garbage characters)



# **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



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

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