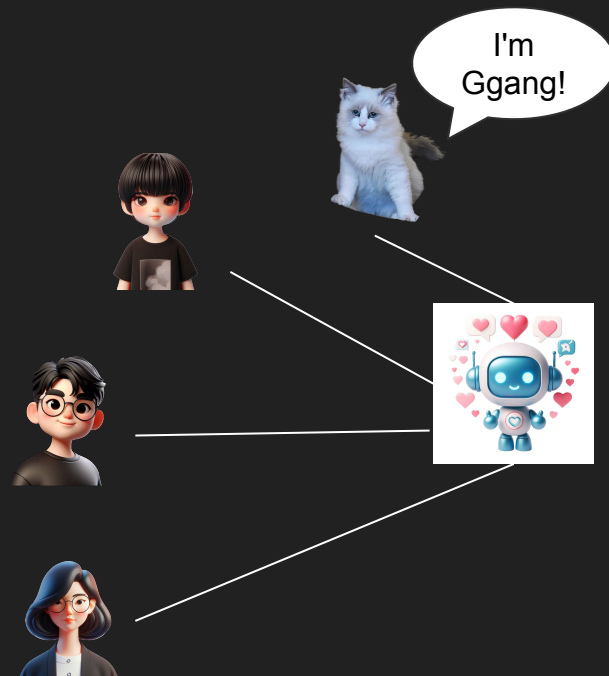


MBTI Date Simulation

Ggang's gang

Team : Ggang's gang

- Tae Eun Kim : Leader, general groundwork
- Semin Jeong : Architectural design
- Youngsook Song: Ideation, business design



Problem statement

- People with less dating experience lack awareness of their preferences
- It can be difficult to meet and talk to people face-to-face in the first place
- Conversations with chatbots that don't reflect diversity get boring fast

Introvert_STP



Introvert_NFP



Extrovert_STJ



We have different personalities, but we need to talk!

MBTI personality types



Extroverts

are energized by people, enjoy a variety of tasks, a quick pace, and are good at multitasking.



Sensors

are realistic people who like to focus on the facts and details, and apply common sense to solve problems.



Thinkers

tend to make decisions using logical analysis, objectively weigh pros and cons, and value honesty, consistency, and fairness.



Judgers

tend to be organized and prepared, like to make and stick to plans, and are comfortable following most rules.



Introverts

often like working alone or in small groups, prefer a more deliberate pace, and like to focus on one task at a time.



Intuitives

prefer to focus on possibilities and the big picture, easily see patterns, value innovation, and seek creative solutions to problems.



Feelers

tend to be sensitive and cooperative, and decide based on their own personal values and how others will be affected by their actions.



Perceivers

prefer to keep their options open, like to be able to act spontaneously, and like to be flexible with making plans.



The MBTI is a lot of fun, non-serious source of communication.

source : <https://practicalpie.com/myers-briggs-type-indicator/>

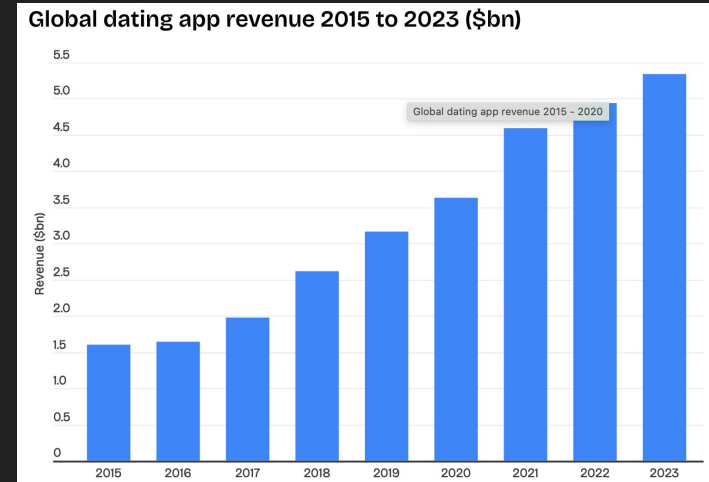
The solution

- Fun Conversations Anytime
- Interact with Diverse Personalities
- Improve Communication Skills
- Efficient Dating Practice



Prospects & Market Opportunity

- **Online Dating Boom:** COVID-19 has driven significant growth in online dating.
- **Evolving Connections:** Dating apps are transforming how people relate to each other.
- **Innovative Solution:** Introducing an app that simulates meeting and building relationships with AI, each with unique personalities.
- **MBTI-Based Experience:** The app offers a step-by-step simulation, helping users connect with AI characters categorized by MBTI for a personalized dating experience.



Sources: Appfigures, Blackstone Group, IAC, Spark Networks, Toptal
(<https://www.businessofapps.com/data/dating-app-market/>)

Revenue Model

Playground

Free

- One trial agent provided
- Transfer support when upgrading plans

Standard

\$10 per month



- Offering credits
- 16 agent provided
- MBTI compatibility report
- Limited call volume

Enterprise


Contact Sales


- Unlimited call volume
- 16 agent provided
- MBTI compatibility report
- Support for connecting to external APIs



Vector Embedding



 URL 

Fetch content from one or more URLs.


URLs 





 Data 


 Recursive Character Text S... 


Split text trying to keep all related text together.



Chunk Size 



Chunk Overlap 

Input 

Separators 







 Data 



 Cohere Embeddings 

Generate embeddings using Cohere models.


Cohere API Key


 


 Embeddings 


 Pinecone 


Pinecone Vector Store with search capabilities



Index Name 




Namespace 



Pinecone API Key 



 



Search Query





Ingest Data

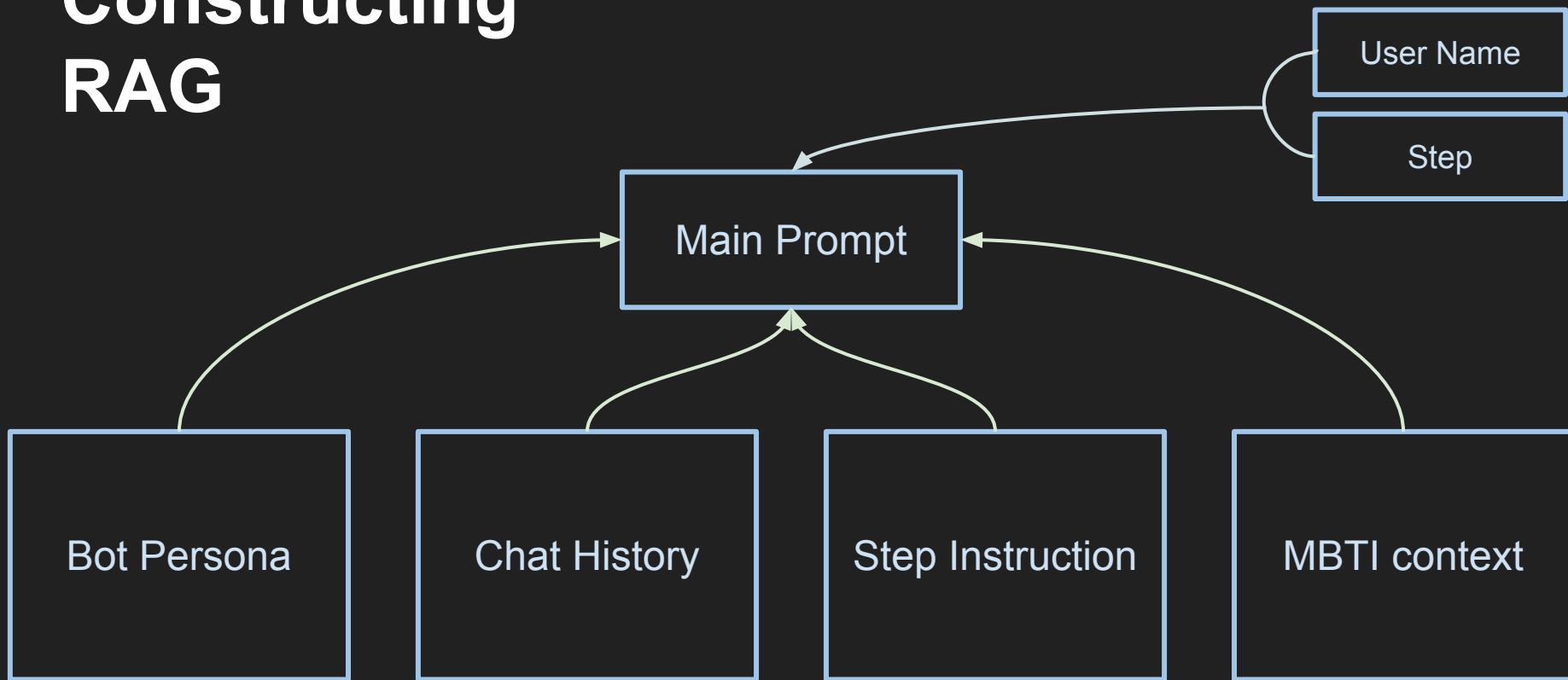
Embedding

 Retriever 

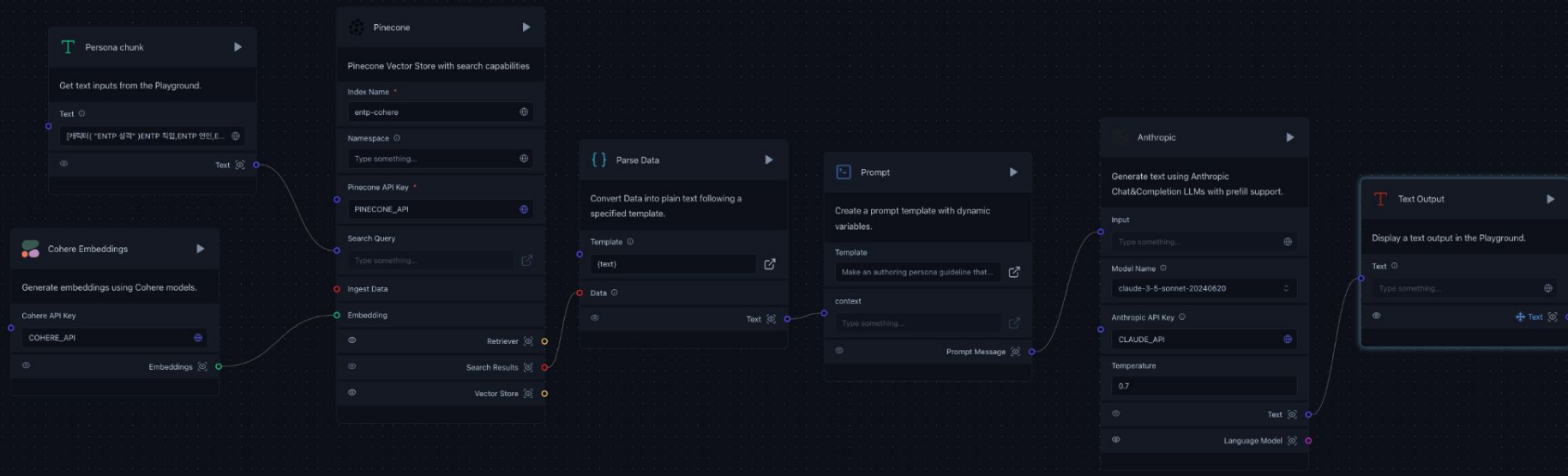
 Search Results 

 Vector Store 

Constructing RAG



Bot Persona



Chat Memory ✓ ▶

Retrieves stored chat messages from Langflow tables or an external memory.

External Memory ⓘ

- Messages (Data) ⓘ 🔴
- Messages (Text) ⓘ 🔵
- Memory ⓘ 🔵

Chat Input ✓ ▶

Get chat inputs from the Playground.

Text ⓘ

hello? ⓘ

Message ⓘ 🔵

Combine Text ✓ ▶

Concatenate two text sources into a single text chunk using a specified delimiter.

First Text ⓘ

Type something... ⓘ

Second Text ⓘ

Type something... ⓘ

Delimiter ⓘ

User: ⓘ

Combined Text ⓘ 🔵

Prompt ✓ ▶

Create a prompt template with dynamic variables.

Template

This is a chat history between User and A... ⓘ

chat_history

Type something... ⓘ

Prompt Message ⓘ 🔵

Anthropic ✓ ▶

Generate text using Anthropic Chat&Completion LLMs with prefill support.

Input

Type something... ⓘ

Model Name ⓘ

claude-3-haiku-20240307 ⓘ

Anthropic API Key ⓘ

CLAUDE_API ⓘ

Temperature

0.1 ⓘ

Text ⓘ 🔵

Language Model ⓘ 🔵

Chat History

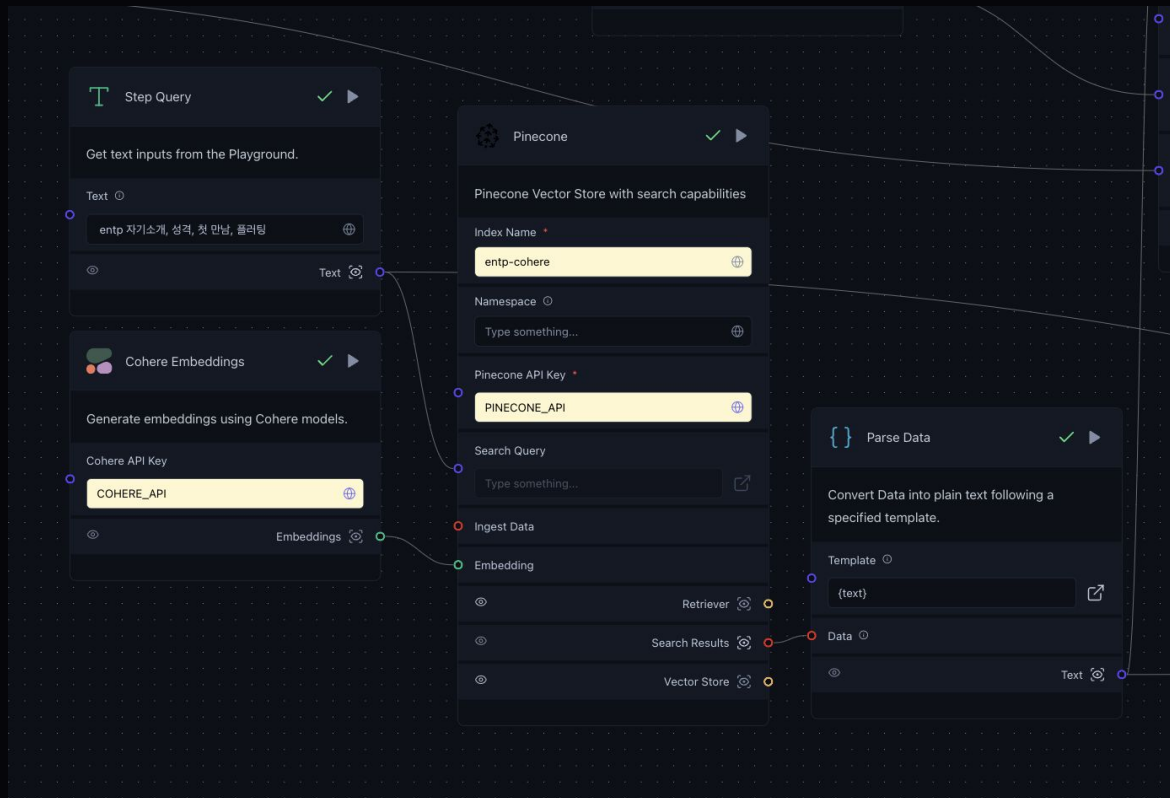
Step Instruction / Step Query

2. Texting: Time and Place

Instruction: [MBTI] asks if the user is available to meet over the weekend and suggests a time and place. Remember this is the initial contact, so let the [MBTI] personality shine through while keeping the conversation simple and not overbearing. If the personality type isn't the best planner, let that show.

Query: [MBTI] 약속 잡기 (scheduling a hangout)

MBTI Context



After Main Prompt...

main prompt

Create a prompt template with dynamic variables.

Template

You are an AI designed to simulate an ENTP...

bot_persona

Type something...

chat_history

Type something...

personality_context

Type something...

step

1

step_instruction

Type something...

user

Type something...

Prompt Message

Anthropic

Generate text using Anthropic Chat&Completion LLMs with prefix support.

Input

Type something...

Model Name

claude-3-5-sonnet-20240620

Anthropic API Key

CLAUDE_API

Temperature

0.7

Text

Language Model

Text Input

Get text inputs from the Playground.

Text

Type something...

Text

Chat Output

Display a chat message in the Playground.

Text

Type something...

Message

Prompt

Create a prompt template with dynamic variables.

Template

Based on the documents on ENTP person...

documents

Type something...

query_keyword

Type something...

question

Type something...

Prompt Message

Anthropic

Generate text using Anthropic Chat&Completion LLMs with prefix support.

Input

Type something...

Model Name

claude-3-5-sonnet-20240620

Anthropic API Key

CLAUDE_API

Temperature

0.8

Text

Language Model

Chat Output

Display a chat message in the Playground.

Text

Type something...

Message

Demo

Future Prospects:

- Expanding from MBTI-based assessments to real-life matching services
- Addressing privacy concerns with personalisation services
- Advancing RAG technology



Thanks!

