GigaGPT – Enterprise AI Search

Problem Statement

Giga's vast institutional knowledge is dispersed across multiple platforms, making timely information retrieval challenging. The absence of a centralized, intelligent system to access this knowledge impedes efficiency and leads to repetitive efforts.

Goal

The goal is to develop an AI chatbot that taps into Giga's organisational knowledge, enhancing accessibility and efficiency. By integrating a document management module, the chatbot will empower users to effortlessly manage and retrieve vital documents. Previously, Giga had conducted a feasibility test to explore the potential of creating a chatbot tailored to Giga's specific context by utilizing the OpenAI API. We are currently keen on creating an open-source chatbot to assist in Giga's operations.

Expected Outputs

Prototype AI Chatbot: A prototype chatbot capable of understanding and responding to user queries, with the following features:

- Knowledge Repository: A simple database storing key pieces of institutional knowledge for chatbot access.
- Document Management Module: A feature allowing users to upload, replace, and manage documents within the knowledge repository.
- Performance Overview: Metrics and analytics detailing the chatbot's response accuracy, speed, and overall efficiency.
- Feedback Mechanism: A straightforward method for users to provide feedback on the chatbot's performance.

Open-Source Code: All developed code must be open-sourced, documented and hosted on GitHub, allowing for community contributions and transparency.

Provided Data and Documents

Organizational Documents: A comprehensive collection of ~15 Giga's reports, guidelines, policies, and other relevant documents that form the core of the organization's knowledge.

FAQ Archive: Past frequently asked questions from stakeholders, providing insights into common questions and areas of interest.

Metadata and Tags: Pre-defined tags and metadata associated with documents to facilitate efficient document categorization and retrieval.