

# **Financial Chatbot API Documentation**

## **Introduction**

The Financial Chatbot API provides a structured way to access and manage conversation data for financial advisory and support use cases. It enables developers to query conversation records, retrieve messages within a specific conversation, and perform searches based on conversation metadata such as dates or specific content. This API serves as a robust backend for integrating financial chat solutions into broader applications.

## API Overview

Endpoint	Description
GET <code>/api/sg-financial-chatbot/v1.0/conversations</code>	Retrieve a list of all available conversations.
GET <code>/api/sg-financial-chatbot/v1.0/conversations/{id}</code>	Retrieve a specific conversation by its unique identifier.
GET <code>/api/sg-financial-chatbot/v1.0/conversations/{id}/messages</code>	Retrieve all messages within a specific conversation.
GET <code>/api/sg-financial-chatbot/v1.0/conversations/dates</code>	Retrieve conversations filtered by specific date ranges.
GET <code>/api/sg-financial-chatbot/v1.0/conversations/containing</code>	Search conversations based on the content they contain.

## Class and Control Flow Diagrams

**Class Diagrams:** Use class diagrams to showcase how core objects such as **Conversation** and **Message** are structured within the API.

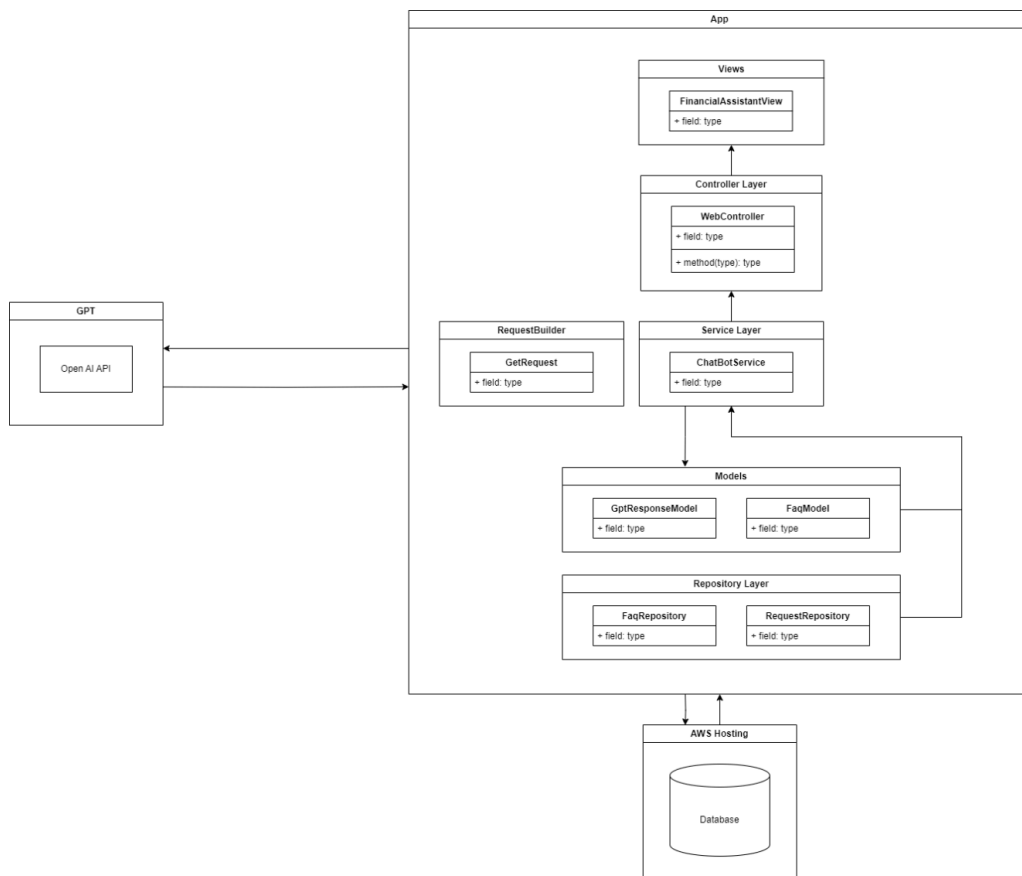


Figure 1:  
Class diagram outlined at the start of the project.

**Control Flow Diagrams:** These diagrams can show how a request flows through the system, from client to server, and demonstrate how different endpoints interact.

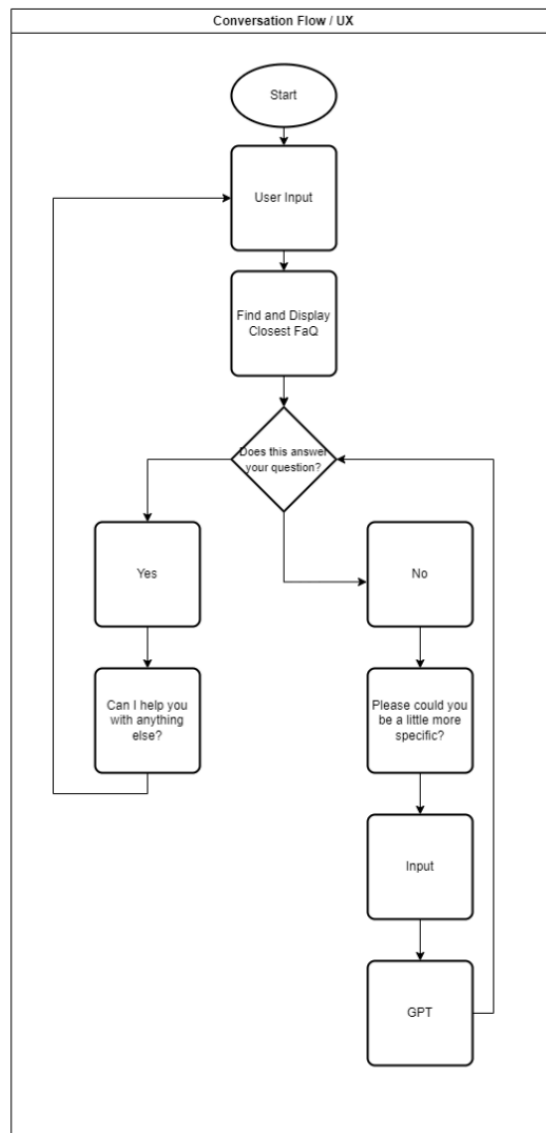


Figure 2:  
Control flow diagram outlined at the start of the project.

## Swagger Documentation Reference

For detailed request/response structures, error codes, and parameter information, please refer to the complete [Swagger Documentation](#). This reference provides the technical depth required for integrating the API into complex systems.

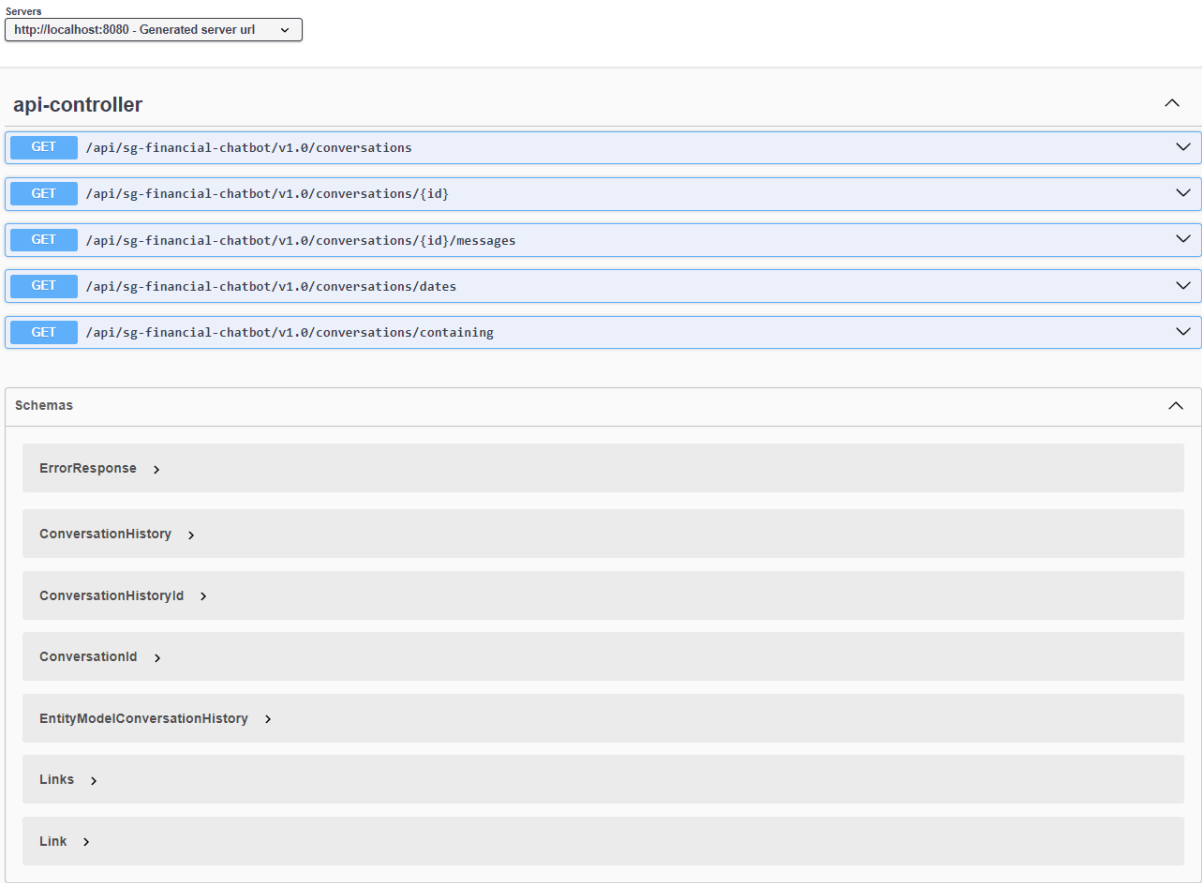


Figure 3:  
Swagger API documentation taken from Swagger UI implementation.

## **Summary**

The Financial Chatbot API is designed to support efficient access to conversation data within a financial advisory chatbot system. The API includes multiple endpoints that allow users to retrieve conversations, search by unique identifiers, fetch messages for a specific conversation, and filter results by date or content. This documentation provides an overview of each endpoint, highlighting key parameters, sample request/response structures, and best practices for implementation. Use this guide alongside the detailed Swagger documentation for technical details and schema definitions.