QGenAl Test Document

This is a sample document for testing the QGenAl application.

Section 1: Introduction

QGenAl is a document-based question answering system using Retrieval Augmented Generation (RAG).

It allows users to upload documents and ask questions about them.

The system uses a vector database to store document embeddings and retrieves relevant chunks when a

Section 2: Features

- Document upload and processing
- Document chunking and embedding
- Vector-based retrieval
- Question answering with source citations
- User authentication and query history

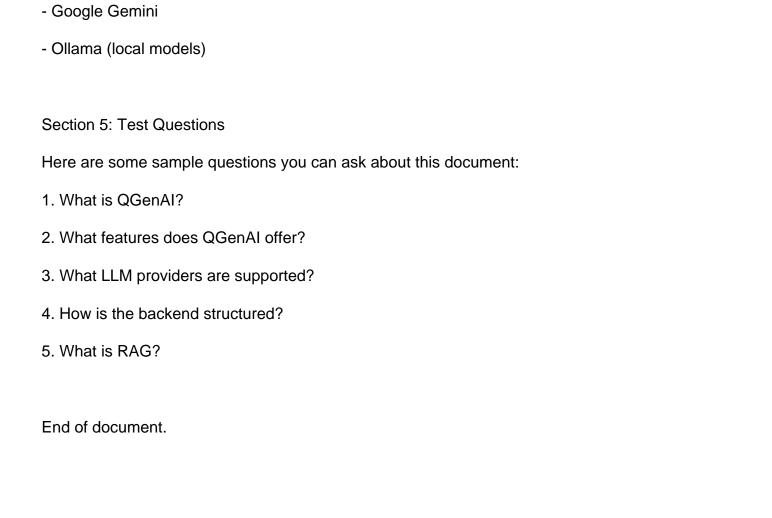
Section 3: Technical Details

The backend is built with FastAPI and follows a modular architecture:

- API Layer: Handles HTTP requests and responses
- Core: Contains configuration and security utilities
- Database: Models and session management
- RAG: Implements the Retrieval Augmented Generation pipeline
- Schemas: Pydantic models for data validation

Section 4: LLM Configuration

The backend supports multiple LLM providers:



- OpenAI (GPT models)