

Investor Relations Management Bot | Overview

A comprehensive investor relations knowledge management system that extracts, processes, and prioritizes content from multiple sources, providing interactive, multimedia-rich responses via a chat interface with integrated feedback system.

Empowering Investor Relations

Streamlines access to all investor materials including PDFs, videos, and images.

Enhancing Investor Experience

Allows investors to retrieve relevant information quickly using a chat interface.

Real-Time Data Interaction

Investors can ask questions about quarterly reports, financial highlights, and capital projects.

Seamless Document Management

Detects duplicates and prioritizes based on relevance and recency.

User-Centric Feedback

Empowers users to rate responses and provide feedback for continuous improvement.

Solution

- **Comprehensive Data Processing:** Extracts and processes content from PDFs, images, and audio/video files using advanced parsing and OCR techniques, ensuring all valuable information is captured.
- **Vector Database:** Stores processed content in a vector database for efficient and fast retrieval, enabling quick responses to user queries.
- **Interactive Chat Interface:** A user-friendly chat interface allows investors to ask questions in natural language, retrieving relevant information from the database and maintaining chat history for context-aware interactions.
- **Multimedia Responses:** Provides enriched responses with relevant images, videos, or graphs to enhance understanding and deliver a more engaging user experience.
- **Duplicate Removal & Prioritization:** Identifies and removes redundant content, while prioritizing the most recent and relevant information based on publication date.
- **Feedback Mechanism:** A 5-star rating system allows users to rate responses with 20% weightage per star. Users can also provide detailed feedback to improve the system's accuracy and relevance.

Tools / Technologies

- Azure Cognitive Services
- Azure Document Intelligence
- Azure Storage Service
- APIM
- Azure Open AI
- Azure App Service

Benefits

- **Increased Accessibility:** Investors can find relevant information without navigating multiple documents.
- **Improved User Experience:** Intuitive chat interface for direct communication.
- **Optimized Search:** Reduces time spent searching for specific data.
- **Contextual Responses:** Enhances knowledge retention through enriched and relevant responses.
- **Feedback Mechanism:** Users can rate responses with a 5-star system and provide detailed feedback.