Simple Front-End UI Design

1. Login

Financial Analyst RAG powered by ZestyAl	ID: 238482	÷
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Login

Enter your credentials to access the RAG system

Employee ID	
Enter your employee ID	
Password	
Enter your password	
Two-Factor Authentication	
Enter 2FA code	
	Log In

NOTES:

The login screen features a clean, minimalist interface for the Financial Analyst RAG system.

It enhances security, prevents malicious injections, and enables customization based on each financial analyst's coverage areas, writing style, and analytical approach.

2. Upload Documents

FinAnalyst RAG

Upload Document



NOTES:

This document upload interface comes with two options: Local File and Google Drive integration.

The interface maintains consistency with the system's header elements and presents a clean, uncluttered workspace for document management.

The user benefits from several features: the ability to select multiple files, clear indication of file selection status ("No file chosen"), and a prominent "Upload and Process" button. The interface also includes guidance text ("You can select multiple files for upload") to assist users.

3. Processing Uploaded Documents

FinAnalyst RAG ID: 238482 *

Processing Document



Processing Steps:

- · Document validation Verifying the document meets security and compliance requirements
- · Document extraction Converting the raw file into processable text while preserving metadata
- . Text preprocessing. Cleaning and standardizing the text content
- · Chunking Splitting the document into appropriate segments
- . Embedding generation Converting text chunks into vector representations
- · Metadata enhancement Adding contextual information to each chunk
- · Vector storage Indexing and storing embeddings with metadata in the vector database
- · Validation Verifying successful ingestion and retrievability

Progress by each file



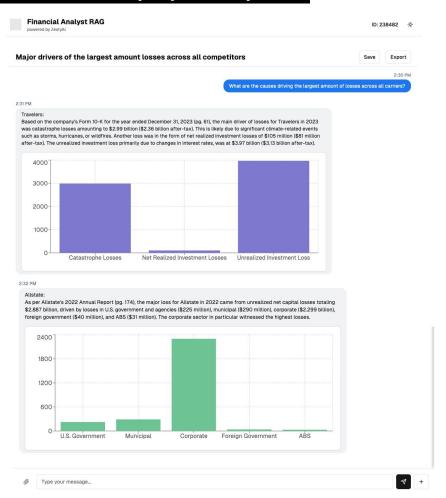
NOTES:

The processing screen offers a transparent view of the document analysis workflow, featuring a progress bar, detailed processing steps, and individual file progress tracking.

This screen provides: the progress indication (e.g. 33% complete with visual bar), a breakdown of processing steps with strikethrough for completed tasks, and individual progress bars for each file being processed.

The detailed status updates ("Chunking...") and comprehensive processing steps list help users understand the system's operations and maintain confidence in the process.

4. Chat interface for query and response



NOTES:

The chat interface helps users with querying and analyzing document content. It features a conversation area with time stamps, data visualizations, and an input area at the bottom for users to enter the new message. Alternatively, user can start a new chat. The screen includes options to save and export conversations.

The user experience is enhanced through several features: visual separation between queries and responses, integrated data visualizations with supporting context, and organized presentation of complex financial data.

The ability to save and export conversations demonstrates consideration for users' needs to preserve and share their analyses. The charts and graphs are formatted with clear labeling and appropriate use of color to distinguish different data points.