LotoAI Product Features

Core Features

Intelligent Chat:

LotoAI provides advanced conversational AI powered by GPT-4. The chat feature includes context retention, multi-turn conversations, and integration with uploaded documents through RAG. Users can ask questions about their documents and receive accurate, contextual answers.

Document Upload & Processing:

Support for multiple file formats including PDF, DOCX, HTML, and Markdown. Automatic text extraction with layout preservation. Smart chunking creates overlapping segments for better context preservation. Maximum file size: 50MB.

Semantic Search:

Hybrid search combines vector similarity with keyword matching. Reranking with cross-encoder models improves result relevance. Multi-query retrieval uses query expansion for better recall. Supports filtering by date, file type, and metadata.

Advanced Capabilities

Local Embeddings: Run completely offline with Sentence Transformers. Privacy-focused deployment without external API dependence. Multilingual Support: BGE-M3 model supports 100+ languages. Scalability: Handles thousands of documents with sub-second search times.