The diagram illustrates the complete business logic workflow for your RAG AI service.

1. **Entry Point**: Users access the File Analysis dashboard from the main chat interface by clicking a button on the left side.
2. **File Integration**:
   * Users can either upload local files or connect to cloud providers (Google Drive, Dropbox, OneDrive, SharePoint)
   * OAuth authentication for secure access to cloud providers
   * Files can be either uploaded (stored in your system) or mapped (referenced in original location)
   * Content is indexed with options for snippet+metadata or full content storage
3. **Tagging & Classification**:
   * AI suggests tags and categories based on file content
   * Users can accept, modify, or reject AI suggestions
   * Collaborative tagging workflow allows multiple users to review and approve tags
   * Final tags are applied to the files in the vector database
4. **Chat & Query**:
   * Users can access file context either from the dedicated File Analysis chat or the main dashboard
   * In the main dashboard, users can use @files command to trigger file selection
   * Selected files set the context for RAG processing
   * LLM responses include source citations from the relevant files
5. **File Management**:
   * Interface for viewing and managing files and their metadata
   * Tag management, file removal, and access control options
   * External file mapping can be refreshed as needed
6. **Access Control (RBAC)**:
   * Different user roles control permissions:
     + Admin: Full access
     + Contributor: Can upload, tag, and chat
     + Reviewer: Can approve/reject tags
     + Viewer: Read-only access
7. **Optional Features**:
   * Webhook & scheduled sync for mapped files
   * Version history tracking
   * Audit logs
   * Admin dashboard
   * AI summary and entity extraction