**Main Dashboard Business Logic Overview**

The diagram illustrates the complete flow of functionality starting with user login, leading to the main dashboard, and branching into various interconnected features:

**1. Dashboard Core Logic**

* When a user logs in successfully, they land on the main dashboard
* The dashboard initializes by loading all components and dispatching data fetch actions
* Data is retrieved for usage statistics, credit consumption, query distribution charts, top documents, and activity logs
* Users can filter data by different time periods (day, week, month, year)
* The state is managed through Redux with specific actions like fetchUsageStats, fetchCreditConsumption, etc.

**2. Chat Integration**

* From the dashboard, users can navigate to the chat interface
* They can create new conversations or select existing ones
* Messages are processed using RAG (Retrieval-Augmented Generation)
* Responses include source citations from relevant documents
* Users can view referenced documents directly from the chat

**3. File Analysis Integration**

* The file analysis feature allows uploading local files or connecting to cloud storage
* After authentication, users can browse cloud providers (Google Drive, OneDrive)
* Files can be analyzed to extract insights, summaries, and entities
* These files can then be referenced in chat contexts

**4. Analytics & Insights**

* Provides deeper data visualization and reporting capabilities
* Users can select metrics and configure custom visualizations
* Reports can be downloaded or shared

**5. Admin Functions**

* Admin-specific functions for tenant and user management
* Administrators can create/delete tenants and manage users
* User management includes adding, editing, deleting users and assigning roles
* All admin operations are tracked and auditable

**6. User Settings**

* Users can toggle between dark and light themes
* Profile management and preference settings
* Personalization options