User Access Guide & Testing Scenarios

Purpose

This document provides a structured guide to validate user authentication, Role-Based Access Control (RBAC), and Retrieval-Augmented Generation (RAG) behavior of the internal AI chatbot across different user roles.

1. User Credentials (Login Details)

Role	Username (Email)	Password	Access Scope
Finance	finance_user@company.com	finance123	Financial Reports, Summaries
Marketing	marketing_user@company.com	marketing123	Marketing Data, Campaign Reports
HR	hr_user@company.com	hr123	Employee Data, HR CSVs
Engineering	engineering_user@company.com	engineering123	Technical Documentation, Master Docs
General	general_user@company.com	general123	General Access (Verify Mapping)

2. Role-wise Testing Scenarios

Finance User

- What was the total revenue for the last quarter?
- Summarize the key financial risks identified in the report.
- How did the operating expenses change compared to last year?
- What is the projected budget for Q1 2025?

Marketing User

- What was the ROI for digital campaigns in 2024?
- Which social media channel performed the best in Q3?
- Summarize the marketing strategy for the upcoming product launch.
- What were the key customer feedback points regarding the new ad campaign?

HR User

- How many employees are currently in the Engineering department?
- List the employees who joined in 2024.
- What is the average tenure of employees in the Sales team?
- Who is the manager of the Marketing department?

Engineering User

- What is the current architecture of the backend system?
- List the deprecated API endpoints mentioned in the documentation.
- What are the coding standards for Python microservices?
- Explain the deployment process for the production environment.

3. Negative Testing (Access Control Validation)

These tests ensure that users cannot access data outside their assigned role. When incorrect role-based queries are issued, the system should return no results or a generic response without leaking sensitive information.
- Log in as Marketing User and ask about engineering system architecture. Expected Result: No relevant documents found.
- Log in as HR User and ask about financial revenue targets. Expected Result: Financial documents are not retrieved.