LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 9):

- Asset (involves FR-01 to FR-04, FR-14, FR-19 to FR-22)

- User (involves FR-07 to FR-09, FR-11 to FR-13)

- PermissionAssignment (involves FR-05, FR-06, FR-10, FR-27)

- Department (involves FR-14, FR-15)

- AssetCategory (involves FR-16 to FR-18)

- UsageRecord (involves FR-19 to FR-22, FR-28)

- AuditLog (involves FR-23, FR-24)

- EmailNotification (involves FR-25, FR-26)

- UsageApprovalRecord (involves FR-28)

Functional Requirements Merging Results

Applied merging rules:

- Merged similar operations on same entities (e.g. CRUD operations)

- No system-wide setting requirements removed

- Final functional requirement count: 17 (original 28 merged to 17)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01 to FR-04: Asset Management (Register/View/Update/Delete) | No | Involves Asset entity connected to Department

FR-07, FR-11: User Creation (Including Admin) | No | Involves User entity connected to PermissionAssignment

FR-08, FR-12: User Deletion (Including Admin) | No | Involves User entity

FR-09, FR-13: User Update (Including Admin Role) | No | Involves User entity

FR-05, FR-06, FR-10, FR-27: Permission Assignment Management | No | Involves PermissionAssignment entity connected to User and Asset

FR-14: Department Asset Viewing | No | Involves Department and Asset entities

FR-15: Department Information Update | No | Involves Department entity

FR-16 to FR-18: Asset Category Management | No | Involves AssetCategory entity connected to Asset

FR-19 to FR-22: Usage Record Management | No | Involves UsageRecord entity connected to Asset

FR-23: Audit Log Generation | No | Involves AuditLog entity connected to operations

FR-24: Audit Log Viewing | No | Involves AuditLog entity

FR-25: Email Notification Sending | No | Involves EmailNotification entity connected to User

FR-26: Email Notification Viewing | No | Involves EmailNotification entity

FR-28: Usage Approval Record Management | No | Involves UsageApprovalRecord entity connected to UsageRecord

Summary Statistics

- Total data entities in document: 9

- Functional requirements after merging: 17

- Hallucination requirements: 0 (all entities properly connected via core entities)

- Non-hallucination requirements: 17

Final Summary

The document involves 9 data entities. After functional point merging, there are 17 requirements in total, including 0 hallucination requirements and 17 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Asset and User).

Key Notes:

1. Merged similar operations on Asset, User, PermissionAssignment and other entities

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules