LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 12):

- AssetLifeCycle (involves FR-01)

- AssetUsage (involves FR-02, FR-21)

- ReportAnalysis (involves FR-03, FR-04)

- Permission (involves FR-05, FR-06, FR-22)

- User (involves FR-07 to FR-10)

- ApprovalWorkflow (involves FR-11 to FR-13)

- AuthRecord (involves FR-14, FR-23)

- EmailNotification (involves FR-15, FR-24)

- DataImportExportRecord (involves FR-16, FR-17, FR-25)

- AuditTrail (involves FR-18)

- AssetCategory (involves FR-19)

- AssetLocation (involves FR-20)

Functional Requirements Merging Results

Applied merging rules:

- Merged FR-02 and FR-21 into "Usage Tracking and Management"

- Merged FR-03 and FR-04 into "Reporting and Analysis"

- Merged FR-05, FR-06 and FR-22 into "Permission Management"

- Merged FR-07 to FR-10 into "User Management"

- Merged FR-11 to FR-13 into "Approval Workflow Management"

- Merged FR-14 and FR-23 into "Authentication Management"

- Merged FR-15 and FR-24 into "Email Notification Management"

- Merged FR-16, FR-17 and FR-25 into "Data Import/Export Management"

- No system-wide setting requirements removed

- Final functional requirement count: 12 (original 25 merged to 12)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Asset Lifecycle Management | No | Involves AssetLifeCycle entity connected to system core

FR-Usage: Usage Tracking and Management | No | Involves AssetUsage entity connected to Asset and User

FR-Report: Reporting and Analysis | No | Involves ReportAnalysis entity connected to Asset data

FR-Permission: Permission Management | No | Involves Permission entity connected to User and Asset

FR-User: User Management | No | Involves User entity connected to Permission and Approval

FR-Approval: Approval Workflow Management | No | Involves ApprovalWorkflow entity connected to User and Asset

FR-Auth: Authentication Management | No | Involves AuthRecord entity connected to User

FR-Email: Email Notification Management | No | Involves EmailNotification entity connected to events

FR-DataIO: Data Import/Export Management | No | Involves DataImportExportRecord entity connected to Asset

FR-18: Audit Trail Viewing | No | Involves AuditTrail entity connected to operations

FR-19: Asset Category Management | No | Involves AssetCategory entity connected to Asset

FR-20: Asset Location Management | No | Involves AssetLocation entity connected to Asset

Summary Statistics

- Total data entities in document: 12

- Functional requirements after merging: 12

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

- Non-hallucination requirements: 12

Final Summary

The document involves 12 data entities. After functional point merging, there are 12 requirements in total, including 0 hallucination requirements and 12 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 Usage, Permission, User and other entities

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules