LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 9):

- Asset (involves FR-01, FR-07)

- UsageRecord (involves FR-02, FR-16)

- TransferRecord (involves FR-03, FR-19)

- ReturnRecord (involves FR-04, FR-18)

- DeletionRecord (involves FR-05)

- ApprovalRecord (involves FR-06)

- UserPermission (involves FR-10)

- AuditLog (involves FR-14)

- AuthenticationPolicy (involves FR-13)

Functional Requirements Merging Results

Applied merging rules:

- Removed FR-15 (system-wide settings)

- No other merging performed as all requirements target different entities/operations

- Final functional requirement count: 18 (original 19 minus 1 removed)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Asset registration | No | Involves Asset entity connected to core system

FR-02: Asset usage | No | Involves UsageRecord entity connected to Asset

FR-03: Asset transfer | No | Involves TransferRecord entity connected to Asset

FR-04: Asset return | No | Involves ReturnRecord entity connected to Asset

FR-05: Asset deletion | No | Involves DeletionRecord entity connected to Asset

FR-06: Approval process management | No | Involves ApprovalRecord entity connected to operations

FR-07: Asset query | No | Involves Asset entity

FR-08: Report analysis | No | Involves Asset and related record entities

FR-09: Asset status management | No | Involves Asset entity

FR-10: User permission management | No | Involves UserPermission entity connected to User

FR-11: Data import | No | Involves Asset entity

FR-12: Data export | No | Involves multiple record entities

FR-13: Authentication policy management | Yes | AuthenticationPolicy entity cannot connect to core system entities

FR-14: Audit log view | No | Involves AuditLog entity connected to all operations

FR-16: Asset usage record view | No | Involves UsageRecord entity

FR-17: Asset registration record view | No | Involves Asset entity

FR-18: Asset return record view | No | Involves ReturnRecord entity

FR-19: Asset transfer record view | No | Involves TransferRecord entity

Summary Statistics

- Total data entities in document: 9

- Functional requirements after merging: 18

- Hallucination requirements: 1 (FR-13)

- Non-hallucination requirements: 17

Final Summary

The document involves 9 data entities. After functional point merging, there are 18 requirements in total, including 1 hallucination requirement (FR-13) and 17 non-hallucination requirements. All valid entities are properly connected in the entity-relationship graph through core entities (Asset and User).