LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 10):

- Asset (involves FR-01, FR-02, FR-03, FR-04, FR-14)

- ApprovalProcess (involves FR-05, FR-06)

- ApprovalRecord (involves FR-07)

- User (involves FR-09)

- UserPermission (involves FR-08)

- AuthenticationInfo (involves FR-10, FR-11)

- Report (involves FR-12, FR-13)

- AssetUsage (involves FR-15, FR-18)

- AssetTransfer (involves FR-16, FR-19)

- AssetReturn (involves FR-17, FR-20)

Functional Requirements Merging Results

Applied merging rules:

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

- No system-wide setting requirements removed

- Final functional requirement count: 20 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Asset registration | No | Involves Asset entity

FR-02: Asset management | No | Involves Asset entity

FR-03: Asset transfer | No | Involves Asset and AssetTransfer entities

FR-04: Asset return | No | Involves Asset and AssetReturn entities

FR-05: Approval process creation | No | Involves ApprovalProcess entity

FR-06: Approval process management | No | Involves ApprovalProcess entity

FR-07: Approval record view | No | Involves ApprovalRecord entity

FR-08: User permission configuration | No | Involves UserPermission entity

FR-09: User information management | No | Involves User entity

FR-10: Admin login authentication | No | Involves AuthenticationInfo entity

FR-11: Authentication info maintenance | No | Involves AuthenticationInfo entity

FR-12: Report generation | No | Involves Report entity

FR-13: Report export | No | Involves Report entity

FR-14: Asset information query | No | Involves Asset entity

FR-15: Asset usage record view | No | Involves AssetUsage entity

FR-16: Asset transfer record view | No | Involves AssetTransfer entity

FR-17: Asset return record view | No | Involves AssetReturn entity

FR-18: Asset usage record management | No | Involves AssetUsage entity

FR-19: Asset transfer record management | No | Involves AssetTransfer entity

FR-20: Asset return record management | No | Involves AssetReturn entity

Summary Statistics

- Total data entities in document: 10

- Functional requirements after merging: 20

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

- Non-hallucination requirements: 20

Final Summary

The document involves 10 data entities. After functional point merging, there are 20 requirements in total, including 0 hallucination requirements and 20 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Asset and User).