LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 7):

- Asset (involves FR-01 to FR-06, FR-08 to FR-11)

- Organization (involves FR-01, FR-05, FR-08)

- AssetAssignmentRecord (involves FR-05, FR-11)

- LifeCycle (involves FR-06)

- Administrator (involves FR-07)

- MaintenanceSchedule (involves FR-09)

- AssetReport (involves FR-10)

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: 11 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Asset Registration | No | Involves Asset and Organization entities

FR-02: Asset Information Management | No | Involves Asset entity

FR-03: Asset Detail Viewing | No | Involves Asset entity

FR-04: Asset Deletion | No | Involves Asset entity

FR-05: Asset Organization Assignment | No | Involves Asset, Organization and AssetAssignmentRecord entities

FR-06: Lifecycle Tracking | No | Involves Asset and LifeCycle entities

FR-07: Administrator Access Management | Yes | Administrator entity not connected to core system entities

FR-08: Organization Asset Viewing | No | Involves Organization and Asset entities

FR-09: Maintenance Plan Management | No | Involves Asset and MaintenanceSchedule entities

FR-10: Asset Report Generation | No | Involves Asset and AssetReport entities

FR-11: Assignment Record Management | No | Involves AssetAssignmentRecord entity

Summary Statistics

- Total data entities in document: 7

- Functional requirements after merging: 11

- Hallucination requirements: 1 (FR-07)

- Non-hallucination requirements: 10

Final Summary

The document involves 7 data entities. After functional point merging, there are 11 requirements in total, including 1 hallucination requirement (FR-07) and 10 non-hallucination requirements. All valid entities are properly connected in the entity-relationship graph through core entities (Asset and Organization).

Key Notes:

1. FR-07 identified as hallucination due to isolated Administrator entity

2. No merging performed as all requirements target distinct operations

3. Evaluation strictly followed entity connectivity rules