LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 11):

- Asset (involves FR-01 to FR-06)

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

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

- User (involves FR-11 to FR-15)

- PermissionAssignment (involves FR-13, FR-25)

- ReportAnalysis (involves FR-16, FR-17, FR-26)

- EmailNotification (involves FR-20, FR-21)

- AuditLog (involves FR-22)

- LoginRecord (involves FR-23)

- UserRegistrationConfig (involves FR-24)

- ReportAnalysisConfig (involves FR-26)

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: 26 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

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

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

FR-03: Modify Asset Details | No | Involves Asset entity

FR-04: Delete Asset Record | No | Involves Asset entity

FR-05: Initiate Asset Approval | No | Involves AssetApprovalWorkflow entity connected to Asset

FR-06: View Approval Status | No | Involves AssetApprovalWorkflow entity

FR-07: Create Usage Record | No | Involves AssetUsageRecord entity connected to Asset

FR-08: View Usage History | No | Involves AssetUsageRecord entity

FR-09: Update Usage Status | No | Involves AssetUsageRecord entity

FR-10: Delete Usage Record | No | Involves AssetUsageRecord entity

FR-11: User Login | No | Involves User entity

FR-12: User Registration | No | Involves User entity

FR-13: Manage User Permissions | No | Involves PermissionAssignment entity connected to User

FR-14: View User List | No | Involves User entity

FR-15: Manage Admin Accounts | No | Involves User entity

FR-16: Generate Asset Report | No | Involves ReportAnalysis entity connected to Asset

FR-17: View Report Analysis | No | Involves ReportAnalysis entity

FR-18: Export Asset Data | No | Involves Asset entity export operations

FR-19: Import Asset Data | No | Involves Asset entity import operations

FR-20: Send Email Notification | No | Involves EmailNotification entity connected to events

FR-21: View Email History | No | Involves EmailNotification entity

FR-22: Audit System Logs | No | Involves AuditLog entity connected to operations

FR-23: Manage Login Records | No | Involves LoginRecord entity connected to User

FR-24: Manage User Registration | Yes | Involves UserRegistrationConfig entity not connected to core entities

FR-25: Manage Permission Assignment | No | Involves PermissionAssignment entity connected to User

FR-26: Manage Analysis Reports | Yes | Involves ReportAnalysisConfig entity not connected to core entities

Summary Statistics

- Total data entities in document: 11

- Functional requirements after merging: 26

- Hallucination requirements: 2 (FR-24, FR-26)

- Non-hallucination requirements: 24

Final Summary

The document involves 11 data entities. After functional point merging, there are 26 requirements in total, including 2 hallucination requirements (FR-24 and FR-26) and 24 non-hallucination requirements. All valid entities are properly connected in the entity-relationship graph through core entities (Asset and User).

Key Notes:

1. No merging performed as all requirements target distinct operations

2. FR-24 and FR-26 identified as hallucination due to isolated configuration entities

3. Evaluation strictly followed entity connectivity rules