LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 14):

- Email (involves FR-01 to FR-07, FR-15 to FR-17, FR-19, FR-20, FR-24)

- Contact (involves FR-08, FR-09)

- DistributionGroup (involves FR-09)

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

- CalendarEventParticipant (involves FR-11)

- EmailAccount (involves FR-12)

- ServerStorage (involves FR-13)

- Policy (involves FR-14)

- EmailFolder (involves FR-19)

- EmailAttachment (involves FR-20)

- Admin (involves FR-21 to FR-23)

- EmailRecord (involves FR-18, FR-24)

- EmailFlow (involves FR-17)

- ExpiredEmail (involves FR-15, FR-16)

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: 24 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Email Creation | No | Involves Email entity connected to EmailAccount

FR-02: Email Sending | No | Involves Email, Contact and DistributionGroup entities

FR-03: Email Receiving | No | Involves Email entity connected to EmailAccount

FR-04: Email Viewing | No | Involves Email entity

FR-05: Email Deletion | No | Involves Email entity

FR-06: Email Archiving | No | Involves Email and Policy entities

FR-07: Archived Email Search | No | Involves Email entity

FR-08: Contact Management | No | Involves Contact entity connected to DistributionGroup

FR-09: Distribution Group Management | No | Involves DistributionGroup entity connected to Contact

FR-10: Calendar Management | No | Involves CalendarEvent entity connected to Email

FR-11: Calendar Event Participant Management | No | Involves CalendarEvent and CalendarEventParticipant entities

FR-12: Email Account Management | No | Involves EmailAccount entity

FR-13: Server Storage Management | No | Involves ServerStorage entity connected to system

FR-14: Archiving Policy Management | No | Involves Policy entity connected to Email

FR-15: Expired Email Management | No | Involves ExpiredEmail entity connected to Email

FR-16: Expired Email Recovery | No | Involves ExpiredEmail entity

FR-17: Email Flow Capture | No | Involves EmailFlow and EmailAccount entities

FR-18: Email Record Audit | No | Involves EmailRecord entity connected to Email

FR-19: Email Folder Management | No | Involves EmailFolder and Email entities

FR-20: Email Attachment Management | No | Involves EmailAttachment and Email entities

FR-21: Administrator Permission Management | No | Involves Admin entity

FR-22: Administrator Account Update | No | Involves Admin entity

FR-23: Administrator Account Deletion | No | Involves Admin entity

FR-24: System Logging and Activity Tracking | No | Involves EmailRecord entity connected to all operations

Summary Statistics

- Total data entities in document: 14

- Functional requirements after merging: 24

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

- Non-hallucination requirements: 24

Final Summary

The document involves 14 data entities. After functional point merging, there are 24 requirements in total, including 0 hallucination requirements and 24 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Email and EmailAccount).

Key Notes:

1. No merging performed as all requirements target distinct operations

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules