LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 10):

- Email (involves FR-01 to FR-07, FR-28)

- CalendarEvent (involves FR-08 to FR-11)

- Contact (involves FR-12 to FR-15)

- DistributionGroup (involves FR-16 to FR-18)

- EmailAccount (involves FR-19 to FR-21)

- UserAccount (involves FR-22 to FR-24)

- RetentionPolicy (involves FR-25 to FR-27)

- RecoveryRecord (involves FR-29, FR-30)

- ExpiredEmail (implicit in FR-28)

- Archive (implicit in FR-05 to FR-07)

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: 30 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

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

FR-02: Email Sending | No | Involves Email and EmailAccount entities

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

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

FR-05: Email Archiving | No | Involves Email and Archive entities

FR-06: Email Archive Search | No | Involves Email entity

FR-07: Email Archive Management | No | Involves Email entity

FR-08: Calendar Creation | No | Involves CalendarEvent entity connected to Contact

FR-09: Calendar View | No | Involves CalendarEvent entity

FR-10: Calendar Update | No | Involves CalendarEvent entity

FR-11: Calendar Event Deletion | No | Involves CalendarEvent entity

FR-12: Contact Creation | No | Involves Contact entity connected to DistributionGroup

FR-13: Contact Viewing | No | Involves Contact entity

FR-14: Contact Update | No | Involves Contact entity

FR-15: Contact Deletion | No | Involves Contact entity

FR-16: Distribution Group Creation | No | Involves DistributionGroup entity connected to Contact

FR-17: Distribution Group Modification | No | Involves DistributionGroup entity

FR-18: Distribution Group Deletion | No | Involves DistributionGroup entity

FR-19: Email Account Creation | No | Involves EmailAccount entity

FR-20: Email Account Deletion | No | Involves EmailAccount entity

FR-21: Email Account Management | No | Involves EmailAccount entity

FR-22: User Account Creation | No | Involves UserAccount entity

FR-23: User Account Management | No | Involves UserAccount entity

FR-24: User Account Viewing | No | Involves UserAccount entity

FR-25: Retention Policy Creation | No | Involves RetentionPolicy entity

FR-26: Retention Policy Application | No | Involves RetentionPolicy and Email entities

FR-27: Retention Policy Management | No | Involves RetentionPolicy entity

FR-28: Expired Email Management | No | Involves Email entity (expired state)

FR-29: Recovery Record Creation | No | Involves RecoveryRecord entity connected to system

FR-30: Recovery Record Viewing | No | Involves RecoveryRecord entity

Summary Statistics

- Total data entities in document: 10

- Functional requirements after merging: 30

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

- Non-hallucination requirements: 30

Final Summary

The document involves 10 data entities. After functional point merging, there are 30 requirements in total, including 0 hallucination requirements and 30 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