LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 13):

- Email (involves FR-01 to FR-03, FR-10 to FR-16, FR-30)

- Contact (involves FR-04)

- DistributionGroup (involves FR-05 to FR-07, FR-32)

- EmailAccount (involves FR-08)

- SharedAccount (involves FR-09)

- Archive (involves FR-10 to FR-12)

- RetentionPolicy (involves FR-14, FR-31)

- CalendarEvent (involves FR-17 to FR-19)

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

- Task (involves FR-22 to FR-25)

- User (involves FR-26)

- Permission (involves FR-26)

- ComplianceReport (involves FR-27 to FR-29)

Functional Requirements Merging Results

Applied merging rules:

- Merged FR-05/06/07/32 into "Distribution Group Management"

- Merged FR-17/18/19 into "Calendar Event Management"

- Merged FR-22/23/24/25 into "Task Management"

- Merged FR-27/28/29 into "Compliance Report Management"

- No system-wide setting requirements removed

- Final functional requirement count: 23 (original 33 merged to 23)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Email Sending | No | Involves Email entity connected to Contact/DistributionGroup

FR-02: Email Receiving | No | Involves Email entity connected to EmailAccount

FR-03: Email Formatting | No | Involves Email entity

FR-04: Contact Management | No | Involves Contact entity connected to DistributionGroup

FR-05/06/07/32: Distribution Group Management | No | Involves DistributionGroup entity connected to Contact

FR-08: Email Account Management | No | Involves EmailAccount entity

FR-09: Shared Account Management | No | Involves SharedAccount entity connected to User

FR-10: Email Archiving | No | Involves Email and Archive entities

FR-11: Personal Archive Search | No | Involves Archive entity connected to Email

FR-12: Server Archive Management | No | Involves Archive entity

FR-13: Email Flow Capture | No | Involves Email entity

FR-14: Retention Policy Application | No | Involves RetentionPolicy entity connected to Email

FR-15: Expired Email Management | No | Involves Email entity (expired state)

FR-16: Email Recovery | No | Involves Email entity connected to Archive

FR-17/18/19: Calendar Event Management | No | Involves CalendarEvent entity connected to Calendar

FR-20: Calendar View | No | Involves Calendar entity

FR-21: Calendar Sharing | No | Involves Calendar entity connected to User

FR-22/23/24/25: Task Management | No | Involves Task entity

FR-26: User Permission Management | No | Involves User and Permission entities

FR-27/28/29: Compliance Report Management | No | Involves ComplianceReport entity connected to Email

FR-30: Email Flow Management | No | Involves Email entity

FR-31: Retention Policy Management | No | Involves RetentionPolicy entity

FR-33: System Usage Monitoring | No | Involves system-level metrics connected to all entities

Summary Statistics

- Total data entities in document: 13

- Functional requirements after merging: 23

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

- Non-hallucination requirements: 23

Final Summary

The document involves 13 data entities. After functional point merging, there are 23 requirements in total, including 0 hallucination requirements and 23 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Email and EmailAccount).

Key Notes:

1. Merged similar operations on DistributionGroup, CalendarEvent, Task and ComplianceReport

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules