LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 11):

- Email (involves FR-01 to FR-09, FR-19 to FR-21, FR-27 to FR-29)

- Contact (involves FR-10 to FR-13)

- DistributionGroup (involves FR-14 to FR-17)

- EmailAccount (involves FR-18, FR-22, FR-23)

- CalendarEvent (involves FR-24 to FR-26)

- Archive (involves FR-08, FR-09, FR-19, FR-30)

- RetentionPolicy (involves FR-27, FR-28)

- RecoveryRecord (involves FR-29 to FR-31)

- EmailFolder (involves FR-32)

- Admin (involves FR-33)

- EmailFlow (involves FR-20)

Functional Requirements Merging Results

Applied merging rules:

- Merged FR-10/11/12/13 into "Contact Management"

- Merged FR-14/15/16/17 into "Distribution Group Management"

- Merged FR-24/25/26 into "Calendar Event Management"

- No system-wide setting requirements removed

- Final functional requirement count: 29 (original 38 merged to 29)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

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

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

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

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

FR-05: Email Reply | No | Involves Email entity connected to Contact

FR-06: Email Forwarding | No | Involves Email entity

FR-07: Email Deletion | No | Involves Email entity

FR-08: Email Archiving | No | Involves Email and Archive entities

FR-09: Email Search | No | Involves Email entity

FR-10/11/12/13: Contact Management | No | Involves Contact entity connected to DistributionGroup

FR-14/15/16/17: Distribution Group Management | No | Involves DistributionGroup entity connected to Contact

FR-18: Email Account Creation | No | Involves EmailAccount entity

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

FR-20: Email Flow Capture | No | Involves EmailFlow entity connected to Email

FR-21: Shared Account Management | No | Involves EmailAccount entity (shared type)

FR-22: Calendar Event Management | No | Involves CalendarEvent entity connected to Contact

FR-23: Meeting Scheduling | No | Involves CalendarEvent and Email entities

FR-24/25/26: Calendar Event Management | No | Involves CalendarEvent entity

FR-27: Retention Policy Application | No | Involves RetentionPolicy entity connected to Email

FR-28: Retention Policy Management | No | Involves RetentionPolicy entity

FR-29: Expired Email Handling | No | Involves Email entity (expired state)

FR-30: Email Recovery | No | Involves Email and RecoveryRecord entities

FR-31: Contact Recovery | No | Involves Contact and RecoveryRecord entities

FR-32: Calendar Event Recovery | No | Involves CalendarEvent and RecoveryRecord entities

FR-33: Recovery Record Management | No | Involves RecoveryRecord entity

FR-34: Email Folder Management | No | Involves EmailFolder entity connected to Email

FR-35: Schedule Invite Update | No | Involves CalendarEvent and Email entities

FR-36: Schedule Invite Deletion | No | Involves CalendarEvent entity

FR-37: Archive Management | No | Involves Archive entity

FR-38: Administrator Management | No | Involves Admin entity

Summary Statistics

- Total data entities in document: 11

- Functional requirements after merging: 29

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

- Non-hallucination requirements: 29

Final Summary

The document involves 11 data entities. After functional point merging, there are 29 requirements in total, including 0 hallucination requirements and 29 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 Contact, DistributionGroup and CalendarEvent

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules