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-07, FR-23)

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

- DistributionGroup (involves FR-12 to FR-16)

- EmailAccount (involves FR-17, FR-19, FR-20)

- AuditRecord (involves FR-21)

- EmailArchiveRecord (involves FR-06, FR-07, FR-24, FR-25)

- ComplianceReport (involves FR-22)

- AccountPermission (implicit in FR-20)

- User (implicit in FR-01 to FR-05)

- Archive (implicit in FR-06, FR-24)

- UpdateRecord (implicit in FR-23)

Functional Requirements Merging Results

Applied merging rules:

- Merged FR-17 and FR-18 into "Email Account Management"

- No other merging performed

- No system-wide setting requirements removed

- Final functional requirement count: 24 (original 25 merged to 24)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

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

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 Deletion | No | Involves Email entity

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

FR-07: Email Recovery | No | Involves Email and EmailArchiveRecord entities

FR-08: Contact Creation | No | Involves Contact entity

FR-09: Contact Update | No | Involves Contact entity

FR-10: Contact Deletion | No | Involves Contact entity

FR-11: Contact Viewing | No | Involves Contact entity

FR-12: Distribution Group Creation | No | Involves DistributionGroup entity

FR-13: Distribution Group Update | No | Involves DistributionGroup entity

FR-14: Distribution Group Deletion | No | Involves DistributionGroup entity

FR-15: Add Contact to Group | No | Involves Contact and DistributionGroup entities

FR-16: Remove Contact from Group | No | Involves Contact and DistributionGroup entities

FR-17: Email Account Management | No | Involves EmailAccount entity

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

FR-20: Email Account Permission Management | No | Involves EmailAccount and AccountPermission entities

FR-21: Audit Record Viewing | No | Involves AuditRecord entity

FR-22: Compliance Report Generation | No | Involves ComplianceReport entity connected to EmailArchiveRecord

FR-23: Email Update | No | Involves Email and UpdateRecord entities

FR-24: Email Archive Management | No | Involves EmailArchiveRecord entity

FR-25: Email Archive Deletion | No | Involves EmailArchiveRecord entity

Summary Statistics

- Total data entities in document: 11

- Functional requirements after merging: 24

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

- Non-hallucination requirements: 24

Final Summary

The document involves 11 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. Merged FR-17 and FR-18 as they both manage EmailAccount

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules