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-08)

- Contact (involves FR-09 to FR-12)

- Account (involves FR-13 to FR-16)

- ArchiveRecord (involves FR-06, FR-07, FR-17)

- FormatTemplate (involves FR-08, FR-21)

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

- EmailLog (involves FR-02)

- ComplianceLog (involves FR-18, FR-25)

- ArchiveLog (involves FR-19)

- AdministratorLog (involves FR-20)

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: 25 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

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

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

FR-03: Email Receiving | No | Involves Email entity connected to Contact/Account

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

FR-05: Email Deletion | No | Involves Email and EmailLog entities

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

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

FR-08: Email Formatting | No | Involves Email and FormatTemplate entities

FR-09: Contact Creation | No | Involves Contact entity connected to Account

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

FR-11: Contact Deletion | No | Involves Contact and Email entities

FR-12: Contact Viewing | No | Involves Contact entity connected to Account

FR-13: Account Management | No | Involves Account entity connected to Contact/Email

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

FR-15: Account Deletion | No | Involves Account entity connected to Contact/Email

FR-16: Account Viewing | No | Involves Account entity connected to Contact

FR-17: ArchiveRecord Management | No | Involves ArchiveRecord entity connected to Email

FR-18: Compliance Audit | No | Involves Email and ComplianceLog entities

FR-19: ArchiveLog Viewing | No | Involves ArchiveLog entity

FR-20: AdministratorLog Viewing | No | Involves AdministratorLog entity

FR-21: FormatTemplate Management | No | Involves FormatTemplate entity connected to Email

FR-22: Administrator Creation | No | Involves Administrator entity connected to Account

FR-23: Administrator Permission Assignment | Yes | Introduces undefined "user" entity not connected to system

FR-24: Administrator Removal | No | Involves Administrator entity connected to Account

FR-25: ComplianceLog Management | No | Involves ComplianceLog entity

Summary Statistics

- Total data entities in document: 10

- Functional requirements after merging: 25

- Hallucination requirements: 1 (FR-23)

- Non-hallucination requirements: 24

Final Summary

The document involves 10 data entities. After functional point merging, there are 25 requirements in total, including 1 hallucination requirement (FR-23) and 24 non-hallucination requirements. All valid entities are properly connected in the entity-relationship graph through core entities (Email and Account).

Key Notes:

1. FR-23 identified as hallucination due to isolated "user" entity

2. No merging performed as all requirements target distinct operations

3. Evaluation strictly followed entity connectivity rules