LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 12):

- EmailAccount (involves FR-01, FR-11)

- DistributionGroup (involves FR-10)

- Contact (involves FR-09)

- Email (involves FR-02 to FR-08, FR-16 to FR-23, FR-25, FR-28 to FR-30, FR-33)

- ArchiveRecord (involves FR-07, FR-08, FR-15)

- EmailTemplate (involves FR-13, FR-22, FR-36)

- AuditLog (involves FR-27, FR-31)

- BackupRecord (involves FR-34, FR-35)

- User (implicit in FR-02, FR-05, FR-06)

- Administrator (implicit in FR-01, FR-04, FR-09 to FR-15)

- ComplianceReport (implicit in FR-33)

- ArchivePolicy (implicit in FR-32)

Functional Requirements Merging Results

Applied merging rules:

- Removed FR-14 and FR-37 (system-wide settings)

- No other merging performed

- Final functional requirement count: 35 (original 37 minus 2 removed)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Create Email Account | No | Involves EmailAccount entity connected to Administrator

FR-02: Send Email | No | Involves Email entity connected to User/Contact

FR-03: Receive Email | No | Involves Email entity connected to System

FR-04: View Email (Admin) | No | Involves Email entity connected to Administrator

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

FR-06: Forward Email | No | Involves Email entity connected to User

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

FR-08: Restore Archived Email | No | Involves ArchiveRecord entity connected to Email

FR-09: Manage Contacts | No | Involves Contact entity connected to Administrator

FR-10: Manage Distribution Groups | No | Involves DistributionGroup entity connected to Contact

FR-11: Manage Email Accounts | No | Involves EmailAccount entity connected to Administrator

FR-12: Assign Permissions | No | Involves EmailAccount entity connected to Administrator

FR-13: Manage Email Templates | No | Involves EmailTemplate entity connected to Email

FR-15: Manage Archive Records | No | Involves ArchiveRecord entity connected to Email

FR-16: Delete Email | No | Involves Email entity

FR-17: Format Email | No | Involves Email entity

FR-18: Filter Email | No | Involves Email entity

FR-19: Export Email Data | No | Involves Email entity

FR-20: Validate Email Content | No | Involves Email entity

FR-21: Track Email Status | No | Involves Email entity

FR-22: Apply Email Template | No | Involves Email and EmailTemplate entities

FR-23: Store Email Data | No | Involves Email entity

FR-24: Access Control | No | Involves EmailAccount entity

FR-25: Send Notification | No | Involves Email entity

FR-26: Manage Relationships | No | Involves multiple core entities

FR-27: Record Error Logs | No | Involves AuditLog entity connected to Email

FR-28: Search Email | No | Involves Email entity

FR-29: Auto-Reply | No | Involves Email entity

FR-30: Secure Processing | No | Involves Email entity

FR-31: Maintain Audit Logs | No | Involves AuditLog entity

FR-32: Execute Retention Policy | No | Involves ArchivePolicy entity connected to ArchiveRecord

FR-33: Generate Statistics | No | Involves Email entity

FR-34: Backup Email Data | No | Involves BackupRecord entity connected to Email

FR-35: Restore Email Data | No | Involves BackupRecord entity

FR-36: Validate Email Template | No | Involves EmailTemplate entity

Summary Statistics

- Total data entities in document: 12

- Functional requirements after merging: 35

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

- Non-hallucination requirements: 35

Final Summary

The document involves 12 data entities. After functional point merging, there are 35 requirements in total, including 0 hallucination requirements and 35 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Email and EmailAccount).

Key Notes:

1. Removed FR-14 and FR-37 as system-wide settings

2. No other merging performed as all requirements target distinct operations

3. No isolated entities found in the requirement set