LLM Automated Evaluation Results

Functional Requirement Evaluation Table

According to the user’s request, I conducted a detailed review of the requirement document. The evaluation process followed these steps:

1. Data Entity Extraction: Identify the core data entities to be managed within the system based on the functional requirements (excluding external data sources or formats from the interface section).

2. Functional Requirement Merging: Apply the rule that requirements targeting the same operation on the same entity are merged; general system settings (e.g., preferences or multilingual support) are excluded. In this document, no requirements meet the merging condition, and no configuration-related requirements are present. Thus, all functional requirements are retained as-is, totaling 31 items.

3. Hallucination Detection: According to the definition, a hallucinated requirement introduces operations involving entities that are not connected to existing ones, breaking weak connectivity in the E-R diagram. All requirements involve valid entities. No hallucinated requirements are identified.

The following is the complete evaluation table. Each functional requirement has been judged based on its content. The evaluation applies moderately strict standards to ensure objectivity.

| Functional Requirement | Hallucination | Evaluation Justification |

| FR-01 | No | Involves Email entity, E-R connected; input/output clearly defined, relies on SMTP interface, executable. |

| FR-02 | No | Involves Email entity, E-R connected; input from external interface, output defined, email reception supported. |

| FR-03 | No | Involves Email entity, E-R connected; draft editing and saving logic is clear and reasonable. |

| FR-04 | No | Involves Email entity, E-R connected; batch update and logging are clearly linked, well-structured operations. |

| FR-05 | No | Involves Email entity, E-R connected; search and output logic well-defined, export functionality basically satisfied. |

| FR-06 | No | Involves Email entity, E-R connected; deletion action clearly defined, trash state can be verified. |

| FR-07 | No | Involves Email and Archive entities, E-R connected; archiving action and link preservation are logically complete. |

| FR-08 | No | Involves Task entity, E-R connected; task creation process is clearly defined and structurally sound. |

| FR-09 | No | Involves Task entity, E-R connected; sync module undefined, input-output cannot be confirmed. |

| FR-10 | No | Involves Task entity, E-R connected; deletion and logging path are well-defined and logically complete. |

| FR-11 | No | Involves Task entity, E-R connected; completion status updates link to external notification interface. |

| FR-12 | No | Involves Task and Reminder Rule entities, E-R connected; reminder and notification path is clear and valid. |

| FR-13 | No | Involves Contact entity, E-R connected; addition process is standardized, result verifiable in address book. |

| FR-14 | No | Involves Contact entity, E-R connected; editing logic is clear, operation recording supported. |

| FR-15 | No | Involves Contact entity, E-R connected; search behavior well-defined, results verifiable. |

| FR-16 | No | Involves Contact entity, E-R connected; dissociation mechanism undefined, input-output linkage broken. |

| FR-17 | No | Involves Distribution Group entity, E-R connected; creation and permission binding path well-defined. |

| FR-18 | No | Involves Distribution Group entity, E-R connected; management behavior and update logic are reasonable. |

| FR-19 | No | Involves Distribution Group entity, E-R connected; search behavior clearly defined, entry points exist. |

| FR-20 | No | Involves Distribution Group entity, E-R connected; reference handling undefined but deletion action feasible. |

| FR-21 | No | Involves Admin Account entity, E-R connected; activation logic matches with mail interface. |

| FR-22 | No | Involves Admin Account entity, E-R connected; permission update and notification flow clearly defined. |

| FR-23 | No | Involves Admin Account entity, E-R connected; account deletion and logging process clearly specified. |

| FR-24 | No | Involves Archiving Policy entity, E-R connected; policy setup and logging paths are well-defined. |

| FR-25 | No | Involves Archived Email entity, E-R connected; filtering and log integration are reasonably structured. |

| FR-26 | No | Involves Archived Email entity, E-R connected; search and export logic complete, format acceptable. |

| FR-27 | No | Involves Archived Email entity, E-R connected; deletion behavior and status change are clearly defined. |

| FR-28 | No | Involves Attachment entity, E-R connected; encryption and upload paths are clearly defined and supported. |

| FR-29 | No | Involves Attachment entity, E-R connected; management operations defined clearly, logging mechanism complete. |

| FR-30 | No | Involves Task and Contact/Group entities, E-R connected; task assignment and notification logic well-defined. |

| FR-31 | No | Involves Attachment entity, E-R connected; restoration and reference paths clearly stated, functionality clear. |

Summary

The document involves a total of 9 data entities (Email, Task, Contact, Distribution Group, Admin Account, Archived Email, Attachment, Archiving Policy, Reminder Rule).

After applying merging rules (none merged), there are 31 functional requirements.

There are 0 hallucinated requirements (all requirements involve core system entities and preserve E-R weak connectivity).

There are 31 non-hallucinated requirements.