LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 8):

- Product (involves FR-01 to FR-06)

- Customer (involves FR-07 to FR-10)

- Order (involves FR-11 to FR-14)

- OrderItem (involves FR-11)

- Payment (involves FR-15, FR-16)

- EmailTemplate (involves FR-17, FR-18)

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

- EmailRecord (involves FR-26)

Functional Requirements Merging Results

Applied merging rules:

- Merged FR-04/05/06 into "Product View/Inventory/Search"

- Merged FR-11/25 into "Order/OrderItem Management"

- Merged FR-19/20/21 into "Admin Account Management"

- No system-wide setting requirements removed

- Final functional requirement count: 22 (original 26 merged to 22)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Product Creation | No | Involves Product entity connected to system core

FR-02: Product Update | No | Involves Product entity

FR-03: Product Deletion | No | Involves Product entity connected to Order

FR-04/05/06: Product View/Inventory/Search | No | Involves Product entity

FR-07: Customer Registration | No | Involves Customer entity connected to Order

FR-08: Customer Information Update | No | Involves Customer entity

FR-09: Customer Deletion | No | Involves Customer entity connected to Order

FR-10: Customer Profile Viewing | No | Involves Customer entity

FR-11/25: Order/OrderItem Management | No | Involves Order and OrderItem entities

FR-12: Order Cancellation | No | Involves Order entity connected to Payment

FR-13: Order Detail Viewing | No | Involves Order entity

FR-14: Order Status Tracking | No | Involves Order entity

FR-15: Payment Processing | No | Involves Payment entity connected to Order

FR-16: Payment Confirmation | No | Involves Payment entity

FR-17: Order Email Sending | No | Involves EmailTemplate entity connected to Order

FR-18: Email Template Management | No | Involves EmailTemplate entity

FR-19/20/21: Admin Account Management | No | Involves Admin entity connected to system

FR-22: Plugin Installation/Uninstallation | No | Involves Plugin entity

FR-23: Plugin Configuration | No | Involves Plugin entity

FR-24: Plugin Information Viewing | No | Involves Plugin entity

FR-26: Email Record Management | Yes | EmailRecord entity not connected to core entities

Summary Statistics

- Total data entities in document: 8

- Functional requirements after merging: 22

- Hallucination requirements: 1 (FR-26)

- Non-hallucination requirements: 21

Final Summary

The document involves 8 data entities. After functional point merging, there are 22 requirements in total, including 1 hallucination requirement (FR-26) and 21 non-hallucination requirements. All valid entities are properly connected in the entity-relationship graph through core entities (Product and Order).

Key Notes:

1. Merged similar operations on Product, Order and Admin entities

2. FR-26 identified as hallucination due to isolated EmailRecord entity

3. No other isolated entities found in the requirement set

4. Evaluation strictly followed entity connectivity rules