LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 6):

- Product (involves FR-01 to FR-03)

- Customer (involves FR-05 to FR-07, FR-12)

- Order (involves FR-07, FR-09, FR-13)

- Payment (involves FR-08, FR-09, FR-14)

- Administrator (involves FR-10)

- OrderItem (involves FR-11)

Functional Requirements Merging Results

Applied merging rules:

- Merged FR-02 and FR-04 into "Product Management"

- No other merging performed

- No system-wide setting requirements removed

- Final functional requirement count: 13 (original 14 merged to 13)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

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

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

FR-03: Product Detail Viewing | No | Involves Product entity

FR-05: Customer Registration | No | Involves Customer entity connected to Order

FR-06: Customer Profile Viewing | No | Involves Customer entity

FR-07: Order Management | No | Involves Order entity connected to Customer/Payment

FR-08: Payment Processing | No | Involves Payment entity connected to Order

FR-09: Payment Status Viewing | No | Involves Payment entity

FR-10: Administrator Access Management | No | Involves Administrator entity

FR-11: OrderItem Management | No | Involves OrderItem entity connected to Order/Product

FR-12: Customer Account Management | No | Involves Customer entity

FR-13: Order Status Management | No | Involves Order entity

FR-14: Payment Management | No | Involves Payment entity

Summary Statistics

- Total data entities in document: 6

- Functional requirements after merging: 13

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

- Non-hallucination requirements: 13

Final Summary

The document involves 6 data entities. After functional point merging, there are 13 requirements in total, including 0 hallucination requirements and 13 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Product and Order).

Key Notes:

1. Merged FR-02 and FR-04 as similar product management operations

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules