LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 9):

- Customer (involves FR-01, FR-15)

- Product (involves FR-02, FR-03)

- Order (involves FR-04 to FR-06, FR-15)

- Payment (involves FR-07 to FR-09)

- OrderDetail (involves FR-10)

- Plugin (involves FR-11)

- Notification (involves FR-12)

- Administrator (involves FR-13)

- Log (involves FR-14)

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: 15 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Customer Management | No | Involves Customer entity connected to Order

FR-02: Product Management | No | Involves Product entity connected to Order

FR-03: Product Catalog Display | No | Involves Product entity

FR-04: Order Placement | No | Involves Order entity connected to Product/Payment

FR-05: Order Management | No | Involves Order entity

FR-06: Order Cancellation | No | Involves Order entity connected to Payment

FR-07: Payment Processing | No | Involves Payment entity connected to Order

FR-08: Payment Status View | No | Involves Payment entity

FR-09: Payment Record Deletion | No | Involves Payment entity

FR-10: Order Detail Management | No | Involves OrderDetail entity connected to Order

FR-11: Plugin Management | No | Involves Plugin entity connected to Payment/Product

FR-12: Notification Management | No | Involves Notification entity connected to Customer/Admin

FR-13: Administrator Management | No | Involves Administrator entity connected to Log

FR-14: Administrator Log Viewing | No | Involves Log entity connected to Administrator

FR-15: Order History Viewing | No | Involves Order entity connected to Customer

Summary Statistics

- Total data entities in document: 9

- Functional requirements after merging: 15

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

- Non-hallucination requirements: 15

Final Summary

The document involves 9 data entities. After functional point merging, there are 15 requirements in total, including 0 hallucination requirements and 15 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Order and Customer).

Key Notes:

1. No merging performed as all requirements target distinct operations

2. No isolated entities found in the requirement set

3. Evaluation strictly followed entity connectivity rules