LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 9):

- Product (involves FR-01 to FR-05)

- Customer (involves FR-06 to FR-09)

- Order (involves FR-10 to FR-13)

- OrderItem (involves FR-23)

- Payment (involves FR-14, FR-15)

- InventoryRecord (involves FR-05, FR-24)

- Administrator (involves FR-16)

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

- Plugin (involves FR-19 to FR-22)

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: 24 (same as original document)

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

FR-04: Product Viewing | No | Involves Product entity

FR-05: Product Inventory Management | No | Involves InventoryRecord entity connected to Product

FR-06: Customer Registration | No | Involves Customer entity connected to Order

FR-07: Customer Profile Viewing | No | Involves Customer entity

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

FR-09: Customer Account Deletion | No | Involves Customer entity

FR-10: Order Placement | No | Involves Order entity connected to Product/Customer

FR-11: Order Viewing | No | Involves Order entity

FR-12: Order Status Update | No | Involves Order entity

FR-13: Order Cancellation | No | Involves Order entity

FR-14: Payment Processing | No | Involves Payment entity connected to Order

FR-15: Payment History Viewing | No | Involves Payment entity

FR-16: Administrator Account Management | No | Involves Administrator entity

FR-17: Notification Sending | No | Involves Notification entity connected to events

FR-18: Notification Viewing | No | Involves Notification entity

FR-19: Plugin Management | No | Involves Plugin entity

FR-20: Plugin Installation | No | Involves Plugin entity

FR-21: Plugin Uninstallation | No | Involves Plugin entity

FR-22: Plugin Configuration | No | Involves Plugin entity

FR-23: OrderItem Management | No | Involves OrderItem entity connected to Order

FR-24: InventoryRecord Management | No | Involves InventoryRecord entity connected to Product

Summary Statistics

- Total data entities in document: 9

- Functional requirements after merging: 24

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

- Non-hallucination requirements: 24

Final Summary

The document involves 9 data entities. After functional point merging, there are 24 requirements in total, including 0 hallucination requirements and 24 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Product and Order).

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