LLM Automated Evaluation Results

Functional Requirements Evaluation Report

Data Entity Identification Results

Extracted data entities from functional requirements (total 7):

- Customer (involves FR-01 to FR-03, FR-13 to FR-15)

- Product (involves FR-04 to FR-05, FR-16 to FR-18)

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

- Payment (involves FR-10 to FR-12)

- Administrator (involves FR-13 to FR-15)

- EmailTemplate (involves FR-19 to FR-20)

- Plugin (involves FR-21 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: 22 (same as original document)

Functional Requirements Evaluation Details

Functional Requirement | Hallucination | Judgment Reason

FR-01: Customer Registration | No | Involves Customer entity connected to system core

FR-02: Customer Login | No | Involves Customer entity

FR-03: Customer Logout | No | Involves Customer entity

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

FR-05: Add Product to Cart | No | Involves Product entity (ShoppingCart as transient data)

FR-06: Create Order | No | Involves Order entity connected to Customer/Product

FR-07: View Order Details | No | Involves Order entity

FR-08: Update Order Status | No | Involves Order entity

FR-09: Delete Order | No | Involves Order entity connected to Product

FR-10: Create Payment | No | Involves Payment entity connected to Order

FR-11: Process Payment | No | Involves Payment entity

FR-12: View Payment History | No | Involves Payment entity connected to Customer

FR-13: Administrator Registration | No | Involves Administrator entity connected to system

FR-14: Administrator Login | No | Involves Administrator entity

FR-15: Administrator Logout | No | Involves Administrator entity

FR-16: Add Product | No | Involves Product entity

FR-17: Update Product Information | No | Involves Product entity

FR-18: Delete Product | No | Involves Product entity connected to Order

FR-19: View Email Template | No | Involves EmailTemplate entity connected to Order

FR-20: Send Order Confirmation Email | No | Involves EmailTemplate entity connected to Order/Customer

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

FR-22: View API Documentation | No | Involves Plugin entity

Summary Statistics

- Total data entities in document: 7

- Functional requirements after merging: 22

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

- Non-hallucination requirements: 22

Final Summary

The document involves 7 data entities. After functional point merging, there are 22 requirements in total, including 0 hallucination requirements and 22 non-hallucination requirements. All entities are properly connected in the entity-relationship graph through core entities (Customer and Product).

Key Notes:

1. No merging performed as all requirements target distinct operations

2. ShoppingCart not counted as persistent entity (transient session data)

3. No isolated entities found in the requirement set

4. Evaluation strictly followed entity connectivity rules