Here is the complete English translation of the full evaluation content, with all content translated strictly line-by-line. Each entry retains the ｜ separator format, with Chinese fully translated to English:

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LLM Automated Evaluation Results

Functional Requirements Evaluation Table

The following presents a complete evaluation of the provided system overview and requirement document. The evaluation is based on the following criteria:

Data Entity Statistics: Core data entities that need to be managed within the system (excluding external interfaces such as external data sources or formats). A total of 11 data entities were identified: Customer, Cart, Order, Product, Inventory, Category, UserAccount, PaymentMethod, Plugin, SystemSettings, SystemLogs.

Functional Requirement Consolidation: According to the rules, functional points operating on the same data entity were merged (but no mergeable items were found as each requirement is an independent operation). System-wide configuration requirements (e.g., multilingual support) were excluded, but none appeared in the document. As a result, the total number of functional requirements remained 28.

Hallucinated Requirement Judgment Criteria: A requirement is deemed hallucinated if the functional operation it introduces involves data entities that cannot be associated with any existing entity in the system, resulting in a disconnected node in the E-R diagram. If a requirement is merely an elaboration or extension of a valid requirement, it is not considered hallucinated.

The evaluation table is as follows (all 28 functional requirements were assessed):

｜FR-01: Customer Account Creation｜No｜Based on the Customer entity, the functionality is clearly defined, with explicit input-output structure and is a core part of the system.｜

｜FR-02: Customer Login｜No｜Constructed using the UserSession entity, the logic is valid and follows a standard interaction flow.｜

｜FR-03: Customer Logout｜No｜Based on the existing Session entity, the requirement is logically sound and the operation is clearly defined.｜

｜FR-04: Update Customer Personal Information｜No｜Involves updating the Customer entity, maintaining logical integrity with no structural disconnects.｜

｜FR-05: View Purchase History｜No｜Purchase history is derived from the Order entity; the functionality is well-defined and data flow is reasonable.｜

｜FR-06: Manage Cart｜No｜Based on the Cart entity; the shopping cart operations align with standard e-commerce behavior models.｜

｜FR-07: Checkout Order｜No｜Although address structure is not clearly defined, the main flow revolves around the Order entity and is acceptably logical.｜

｜FR-08: Confirm Order｜No｜Centered on the state transitions of the Order entity, the requirement is coherent despite minor detail omissions.｜

｜FR-09: Send Order Confirmation Email｜No｜The email mechanism is nested in the Order process, logically integrated and serves as an auxiliary output.｜

｜FR-10: Admin Login｜No｜Reuses the UserAccount entity and shares the same login logic as normal users, with consistent structure.｜

｜FR-11: Admin Manage Inventory｜No｜Involves the Inventory entity; the inventory management role is clearly defined with a reasonable process.｜

｜FR-12: Admin Add Product｜No｜Adding new products is based on the Product entity and aligns with core system management operations.｜

｜FR-13: Admin Update Product Details｜No｜Updates to product information are structured around the Product entity, logically complete and standard.｜

｜FR-14: Admin Delete Product｜No｜The delete operation is clearly defined, involving Product and Inventory linkage with no structural issues.｜

｜FR-15: Admin Categorize Products｜No｜Categorization is structured around Product and Category entities with clear relational connections.｜

｜FR-16: Admin Manage User Accounts｜No｜Involves UserAccount entity with standard create/update/delete operations that are fundamental to the system.｜

｜FR-17: Admin Manage Payment Methods｜No｜Based on the PaymentMethod entity; managing payment options is part of typical administrative responsibilities.｜

｜FR-18: Admin Install Plugin｜No｜The installation process is structured around the Plugin entity with a well-defined setup and configuration logic.｜

｜FR-19: Admin Configure Plugin｜No｜Follows the installation logic of the plugin and maintains structural consistency with no isolated entities.｜

｜FR-20: Admin Manage System Settings｜No｜Although key-value details are not explicitly defined, the functional scope is appropriate with no disconnections.｜

｜FR-21: Admin View System Logs｜No｜Log access operations are built around the SystemLogs entity, with clearly defined and reasonable system structure.｜

｜FR-22: Admin Manage System Logs｜No｜Log filtering and export operations are tied to the SystemLogs entity, and the structure is traceable.｜

｜FR-23: View Product Catalog｜No｜Product catalog display is based on the combination of Product and Category entities with a clear logic.｜

｜FR-24: View Order Details｜No｜This function revolves around the Order entity, with complete detail and a well-defined structure.｜

｜FR-25: Cancel Order｜No｜The cancellation mechanism integrates Order and Inventory entities with standard business logic.｜

｜FR-26: Manage Order Status｜No｜Although the structure of status fields is undefined, the main logic is clear and entities are well-connected.｜

｜FR-27: Generate Sales Report｜No｜The report function is derived from Order data with a closed structure and no redundant paths.｜

｜FR-28: Modify User Permissions｜No｜Permission changes involve the UserAccount entity; although permission structure is not fully defined, the functionality is valid.｜

Summary

The entire document involves 11 data entities (Customer, Cart, Order, Product, Inventory, Category, UserAccount, PaymentMethod, Plugin, SystemSettings, SystemLogs).

After consolidating based on identical functional points, the total number of functional requirements remains 28 (no merges or exclusions).

Among them:

Hallucinated requirements: 0 (All requirements involve existing entities and maintain weak connections in the E-R diagram with no isolated nodes).

Valid requirements: 28.