

Unified Business Rules Document (SRS Ready)

Magento Open Source – Platform Independent

1. Product & Catalog Domain

- Product is a sellable entity with unique SKU.
- Product must belong to at least one category.
- Product can be enabled, disabled, or hidden.

2. Customer Domain

- Customer can be registered or guest.
- Registered customer has persistent profile and order history.
- Customer belongs to a group affecting pricing and promotions.

3. Cart / Checkout Domain

- Cart represents purchase intent, not a legal transaction.
- Prices in cart are temporary.
- Cart converts to order on checkout confirmation.

4. Sales / Orders Domain

- Order is a legal immutable sales record.
- Supports partial invoices, shipments, and refunds.

5. Payments Domain

- Order is paid only after confirmed payment.
- Payment must be idempotent.

6. Shipping / Fulfillment Domain

- Shipment created only for confirmed orders.
- Supports partial deliveries.

7. Promotions Domain

- Discounts apply based on conditions.
- Cannot result in negative price.

8. Reviews & Ratings Domain

- Reviews build trust and may require moderation.

9. Notifications Domain

- Notifications are event-driven.
- No duplicate messages allowed.

10. Settings / Wallet / Packages

- Each store has isolated configuration.
- Wallet is ledger-based.

11. Appearance & App Store

- Themes affect presentation only.
- Plugins must be isolated and permission-based.

Conclusion:

This document represents the complete business logic foundation for rebuilding Magento into a clean, scalable Django platform.