

Software Requirements Specification (SRS)

Section: Actors & Use Cases

Project: Magento Open Source → Django Platform

Purpose: Define system actors and their interactions with the system.

1. System Actors

1.1 Store Owner

Manages store configuration, products, orders, and subscriptions.

1.2 Admin

System-level administrator responsible for platform configuration and monitoring.

1.3 Customer (Registered)

End user with an account who can browse, purchase, and review products.

1.4 Customer (Guest)

End user without an account who can browse and place orders.

1.5 Payment Gateway

External system responsible for processing payments.

1.6 Shipping Provider

External system responsible for shipping and delivery tracking.

2. Core Use Cases

UC-01: Manage Products

Actor: Store Owner

Description: Create, update, activate, or deactivate products.

Outcome: Products become available or unavailable for sale.

UC-02: Browse Products

Actor: Customer

Description: Browse and search products by category or keyword.

Outcome: Product listings are displayed.

UC-03: Place Order

Actor: Customer (Registered / Guest)

Description: Add items to cart and complete checkout.

Outcome: Order is created.

UC-04: Process Payment

Actor: Payment Gateway

Description: Confirm or reject payment for an order.

Outcome: Order payment status updated.

UC-05: Ship Order

Actor: Store Owner / Shipping Provider

Description: Prepare and ship order items.

Outcome: Shipment created and tracked.

UC-06: Submit Review

Actor: Customer

Description: Submit rating and review for a purchased product.

Outcome: Review pending or published.

UC-07: Send Notification

Actor: System

Description: Notify users about order, payment, or shipment events.

Outcome: Message delivered through configured channel.

UC-08: Install Plugin

Actor: Store Owner

Description: Install or remove platform plugins.

Outcome: Feature enabled or disabled.

3. Conclusion

This section complements the SRS by defining actors and use cases, enabling clear understanding of system behavior and responsibilities.