Solution Requirement

Title: Functional and Non-Functional Requirements for the System

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✅ **Functional Requirements:**

1. Custom Object Creation

   o   Jewel Customer

   o   Item (with Gold/Silver type field)

   o   Price, Order, Billing

2. Page Layouts

   o   Gold-specific layout: includes karat, weight, price/gram

   o   Silver-specific layout: omits gold-specific fields

3. Field Dependencies

   o   Conditional visibility for "Expected Days of Return" based on priority

4. Automation

   o   Email Flow triggered upon creation of Billing record

   o   Automatic population of price from associated item

5. Record Operations

   o   Admin can Create, View, Update, and Delete all records

   o   Validate entries with required fields and formats

6. Reporting

   o   Create summary reports (e.g., Items with Billings)

   o   Joined reports to link orders, items, and billing

7. Dashboards

   o   Real-time visualization of gold vs silver sales

   o   Monitor top-selling items and customer activity

⚙️ **Non-Functional Requirements:**

1. Performance

    o   All record operations and reports must execute under 2 seconds

2. Scalability

    o   System should handle 10,000+ records efficiently

3. Security

    o   Role-based access: Admin vs Sales Staff

    o   Use Salesforce Profiles and Permission Sets

4. Usability

    o   Minimal training required for staff to use the UI

    o   Use Lightning App Builder for intuitive layouts

5. Maintainability

    o   Use flows and validation rules instead of Apex where possible

    o   Documentation and naming conventions must be consistent