Proposed Solution

Title: Salesforce-Powered Jewelry Inventory System

Architecture Overview:

The system is divided into the following key modules:

1. Jewel Customer Module

    o Collects customer data like name, contact, email

    o Used as a reference for all future transactions

2. Item Module

    o Captures the item type (Gold/Silver), ornament type, karat, and weight

    o Includes custom page layouts for gold and silver to avoid confusion

3. Customer Order Module

    o Connects customers and items

    o Captures date of purchase, expected return, and quantity

4. Price Module

    o Stores price per gram (can be updated manually)

    o Referenced in calculation of billing amount

5. Billing Module

    o Automatically generated after an order is placed

    o Includes fields like total amount, payment status

6. Automation (Flow)

    o Record-triggered flow sends a personalized email after a billing record is created

    o Template includes item details and customer info

7. Reports and Dashboards

    o Reports: Track sold items, pending orders, and revenues

    o Dashboards: Pie chart of gold vs silver items, bar chart of top 5 customers

Key Advantages:

- Easy record creation with minimal manual calculation

- One-click access to all customer transactions

- Visual, interactive dashboards for business decision-making

- Automated communication reduces workload and increases customer satisfaction