# Jewelry Management System – Dashboard Performance Testing

| Date | 23 June 2025 |
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| Project Name | CRM Application for Jewel Management - (Developer) |

This document outlines the performance testing details specifically related to the two key dashboards in the Salesforce-based Jewelry Management System. These dashboards are critical in presenting key business metrics such as billing data, order tracking, and pricing trends to business users in real time.

Objective: To ensure that the Jewel Management system performs reliably under varying work loads — ensuring speed, scalability, and stability during real-time usage.

## Dashboard 1 – Operational Summary Dashboard

Dashboard 1 provides a summarized operational view for administrators and managers to monitor key transactional data. It includes billing data per item, a customer billing gauge, and a current pricing report. It is designed to load quickly with a moderate amount of transactional data.
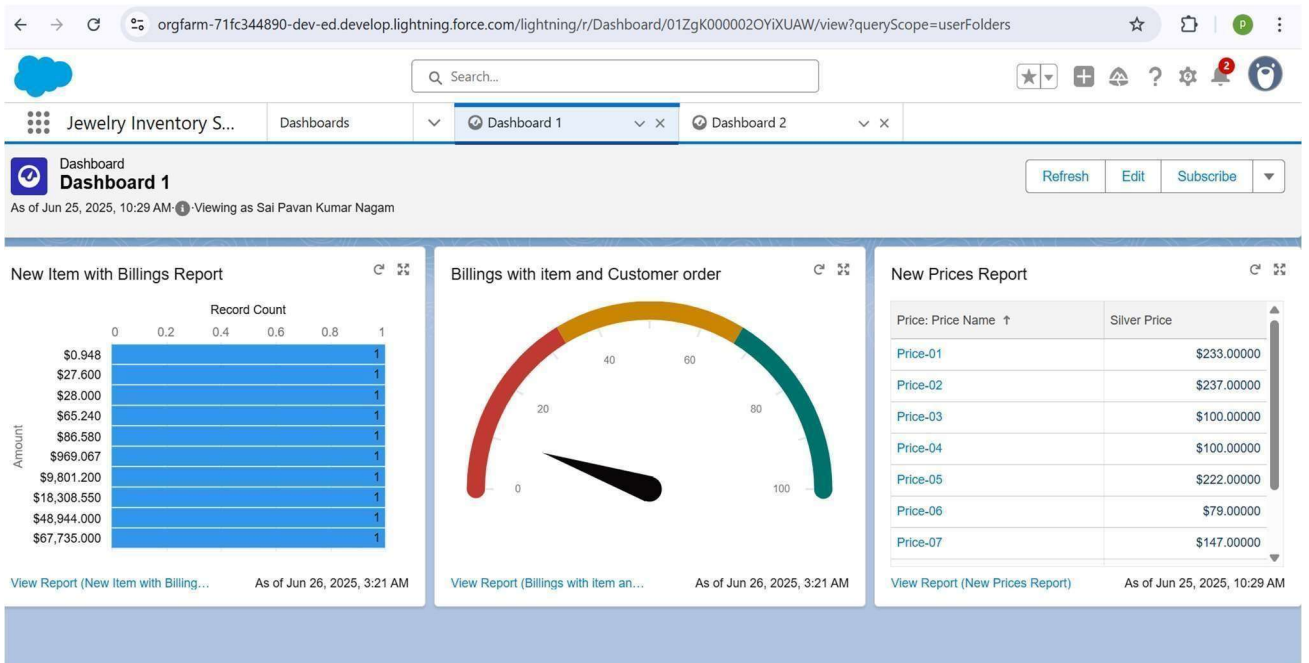
Component Breakdown

| Component | Type | Data Source | Purpose |
|-----------|------|-------------|---------|
| New Item with Billings Report | Bar Chart | Billing Object | Visualize billing per item |
| Billings with Item and Customer Order | Gauge | Order Object | Show billing status vs. capacity |
| New Prices Report | Tabular | Product Pricebook | List current silver prices |

Performance Observations

| Metric | Observed Value | Target Threshold |
|--------|----------------|------------------|
| Dashboard Load Time | ~2.8 seconds | < 3 seconds |

| | | | |
|---|---|---|---|
| Max Records Displayed | 10 | <= 50 | |
| Gauge Render Time | 1.3 seconds | < 2 seconds | |

## Dashboard 2 – Analytical Insights Dashboard

| Component | Type | Data Source | Purpose |
|---|---|---|---|
| New Item with Billings Report | Funnel Chart | Billing Object | Visualize value funnel of new items |
| Billings with Item | Bar Chart | Order Object | Visualize distribution by item |

Dashboard 2 is used by business analysts and sales managers for detailed analytics. It provides insight into billing funnel progressions, item type order breakdowns, and dynamic pricing trends through line graphs. The dashboard is optimized for viewing grouped and comparative metrics.

Component Breakdown :

| | | | |
|---|---|---|---|
| and Customer Order | | | type (Gold/Silver) |
| New Prices Report | Line Chart | Product Pricebook | Show pricing trends for gold and silver |
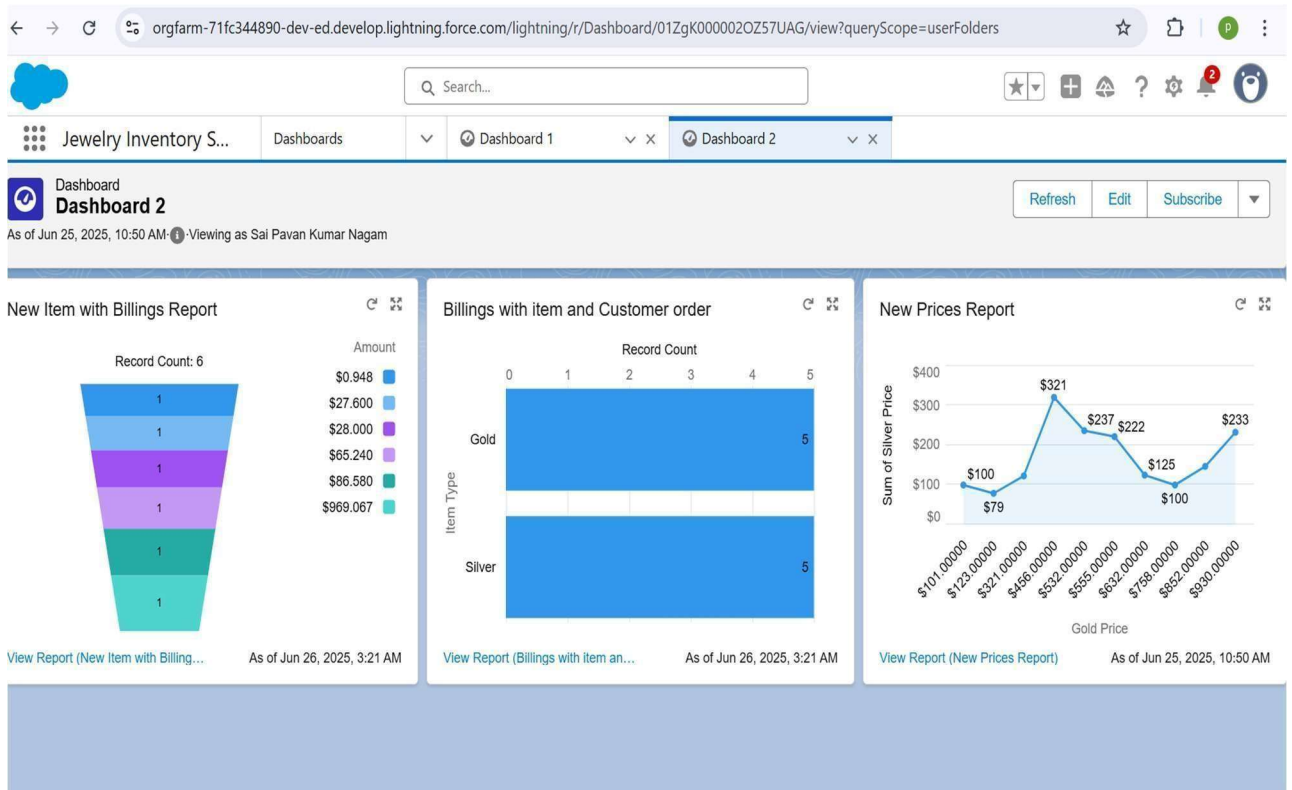
Performance Observations

| Metric | Observed Value | Target Threshold |
|---|---|---|
| Dashboard Load Time | ~3.1 seconds | < 3.5 seconds |
| Line Chart Responsiveness | Smooth | Responsive |
| Funnel Chart Load | Moderate | < 2 seconds |