

InventoSync

Salesforce Project: Real-Time Inventory and Order Management System

Real-Time Inventory and Order Management: For a small e-commerce or retail business, build a system to manage products, orders and inventory. When a customer places an order, the system should update the available stock count instantly to prevent overselling. This can be achieved with a combination of Flows and Apex Triggers that run on order creation. You could also have a dashboard for the business owner that reflects sales and inventory levels in real-time.

Phase 6: User Interface Development

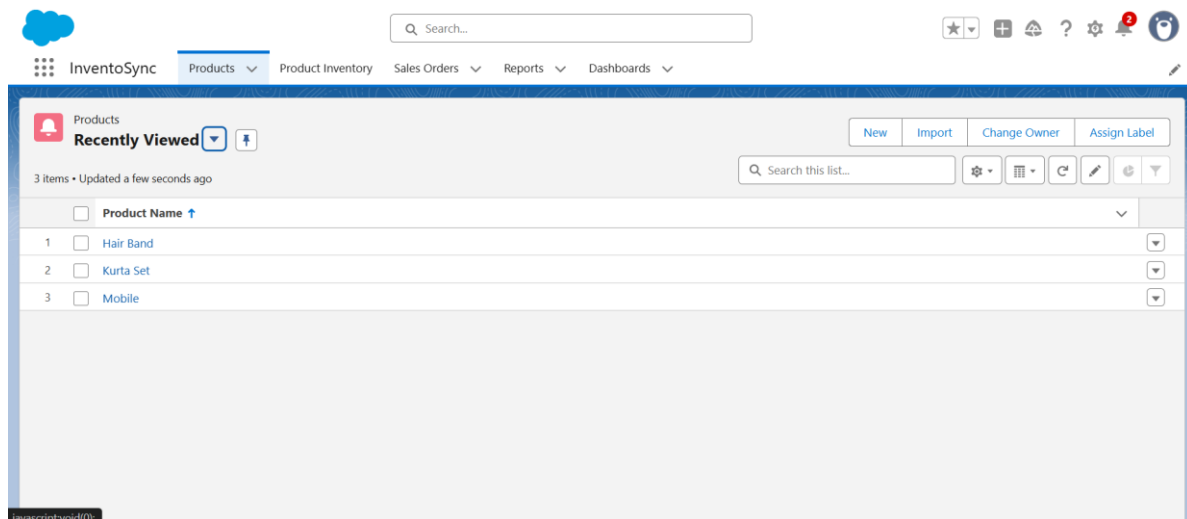
- **Page Layouts:**
 - Product → Show Price, Quantity, Reorder Level.
 - Sales Order → Show Customer, Status, Related Order Items.

The screenshot shows the Salesforce Object Manager interface for the 'Product' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships, Page Layouts (selected), Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The main content area has a top bar with 'Save', 'Quick Save', 'Preview As...', 'Cancel', 'Undo', 'Redo', and 'Layout Properties' buttons. Below this is a 'Fields' section with a 'Quick Find' search bar and a list of fields: Section, Blank Space, Available For Sale, Is Active, Available Quantity, Category, Created By, Is Active, Last Modified By, Name, Owner, Price, Product Name, Reorder Level, Reserved Quantity, SKU, and Track Inventory. Below the fields is an 'Activity History' table with columns: Subject, Name, Task, Due Date, Assigned To, and Last Modified Date/Time. The table contains one row with 'Sample Text' for Subject and Name, a checkmark for Task, '9/26/2025, 9:29 AM' for Due Date, 'Sarah Sample' for Assigned To, and '9/26/2025, 9:29 AM' for Last Modified Date/Time. Below the activity history is a 'Sales Order Items' section with a 'New' button and a 'Change Owner' button. The 'Sales Order Items' table has one row with 'Sample Text' for Sales Order Item Name.

The screenshot shows the Salesforce Object Manager interface for the 'Sales Order' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships, Page Layouts (selected), Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The main content area has a top bar with 'Save', 'Quick Save', 'Preview As...', 'Cancel', 'Undo', 'Redo', and 'Layout Properties' buttons. Below this is a 'Fields' section with a 'Quick Find' search bar and a list of fields: Section, Blank Space, Created By, Customer, Last Modified By, Notes, Order Date, Owner, Sales Order Name, Status, and Total Amount. Below the fields is an 'Information' section with a header '(Header visible on edit only)'. The information section contains a table with columns: Sales Order Name, Order Date, Customer, Status, Total Amount, Notes, and Owner. The table contains one row with 'GEN-2004-001234' for Sales Order Name, '9/26/2025' for Order Date, 'Sample Text' for Customer, 'Sample Text' for Status, '£123.45' for Total Amount, 'Sample Text' for Notes, and 'Sample Text' for Owner. Below the information section is a 'System Information' section with a header '(Header visible on edit only)'. The system information section contains a table with columns: Created By and Last Modified By. The table contains one row with 'Sample Text' for Created By and 'Sample Text' for Last Modified By.

- **Lightning App Builder:**

- Create custom app: *InventoSync*.
- Tabs: Products, Orders.



- **Dashboard:**

- Add charts: Stock levels, Sales trends.