

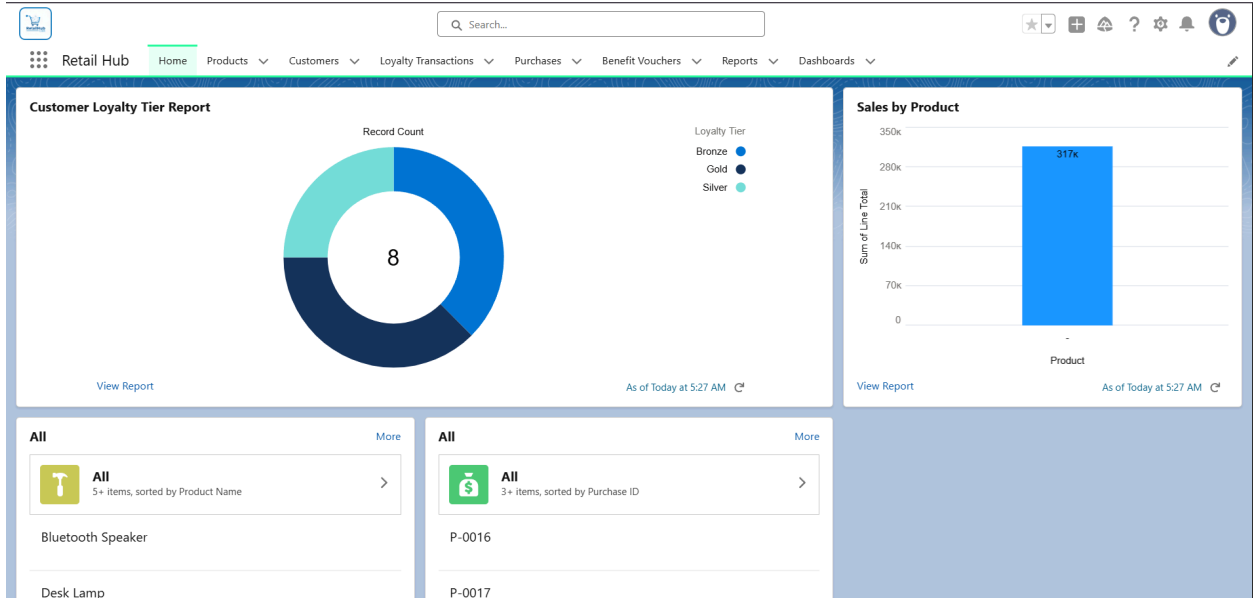
Phase 6: User Interface Development

This phase focused on **User Interface (UI) Development**, translating the robust backend data model and automated processes into a **user-friendly and efficient frontend experience** for retail staff. The primary tool used for all UI customization was **Salesforce Lightning App Builder**, which enables the creation of dynamic, responsive, and profile-specific pages.

6.1 Custom Home Page Layout

A **custom Home Page Layout** was created for the "Retail Hub" app to provide users with a relevant and engaging landing page. The standard home page was replaced with a **dynamic Lightning page**, configured with **component visibility rules** to display information based on the user's profile.

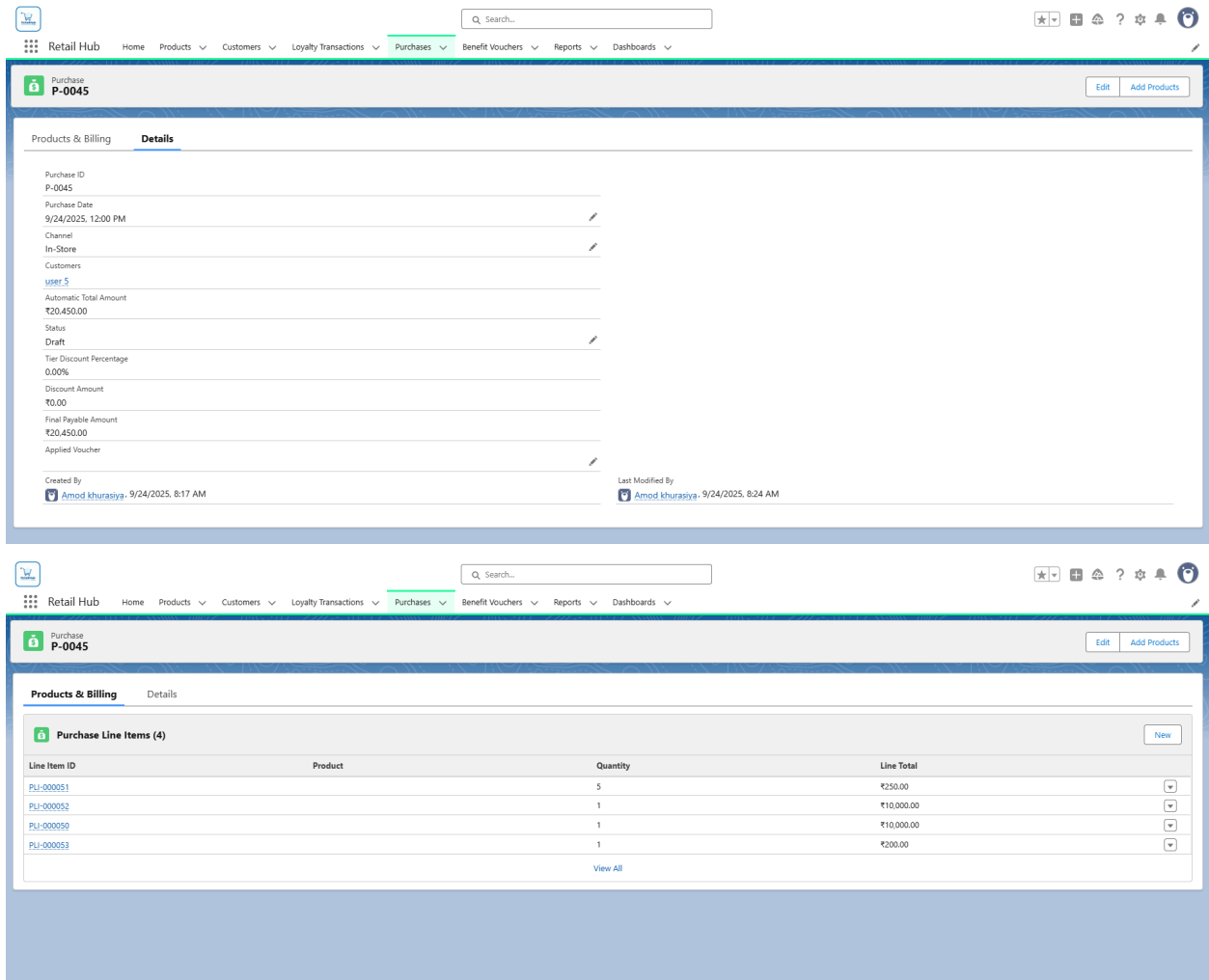
- **For Managers:**
 - Displays key report charts, including:
 - Donut chart of customers by **loyalty tier**
 - Bar chart of **top-selling products**
 - Provides an **immediate visual summary** of business performance
- **For Sales Representatives:**
 - Shows a **Recent Items** component for quick access to recently viewed **Purchase** and **Customer** records
 - Facilitates faster navigation and decision-making



6.2 Enhanced Record Pages & Tabs

To improve workflow and efficiency for critical transactions, the **Purchase record page** was completely redesigned:

- Template: **Full-width "Header and One Region"** template to maximize screen real estate
- Tabs Component: Organized the page into logical sections:
 1. **Details Tab:** Displays core purchase record information
 2. **Products & Billing Tab:** Features the **Purchase Line Items** related list as the primary component, allowing clear and efficient access to products in a sale



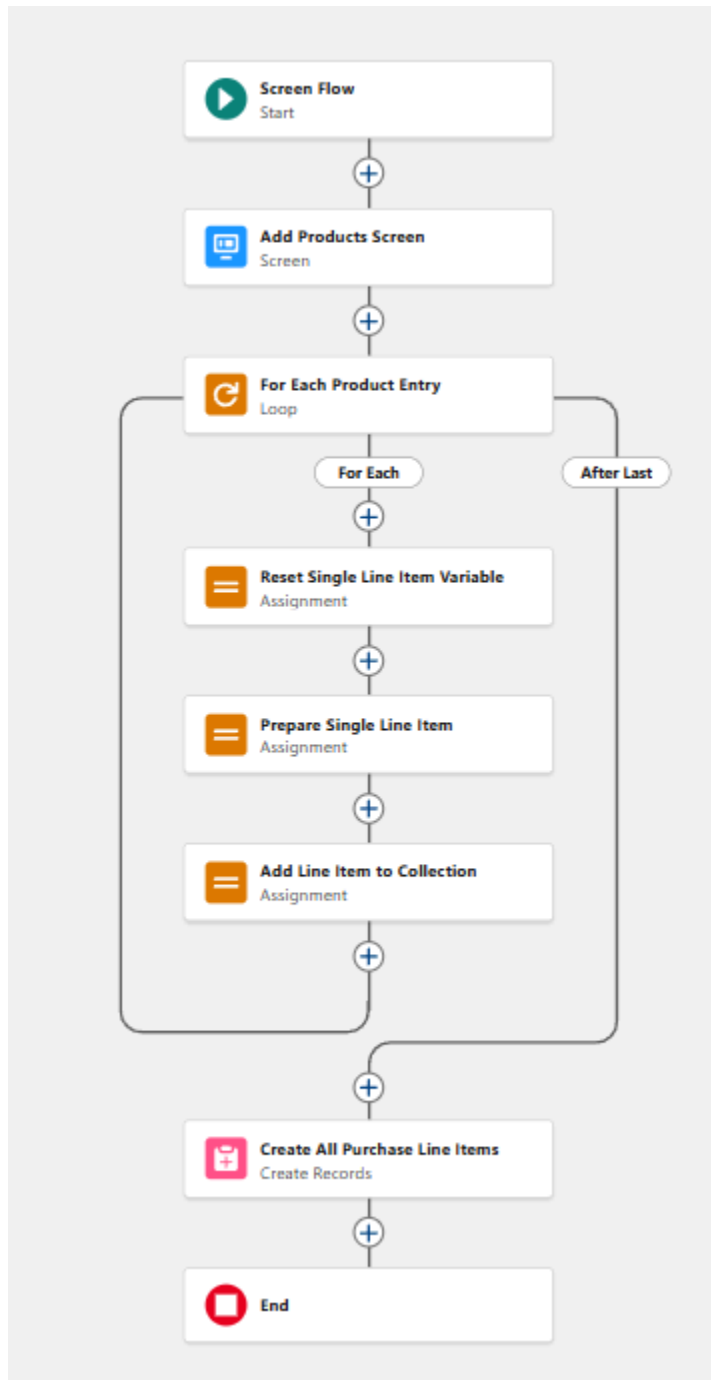
This redesign streamlines navigation and ensures that sales representatives can access all necessary information on a single, well-structured page.

6.3 Screen Flow for Data Entry

A custom **Screen Flow** titled **"Add Multiple Products"** was created to enhance data entry efficiency:

- Launched via a custom action on the Purchase record page
- Provides a **single interactive screen** allowing users to add **multiple line items at once**
- Significantly reduces the time and effort compared to the standard one-by-one method of creating related records

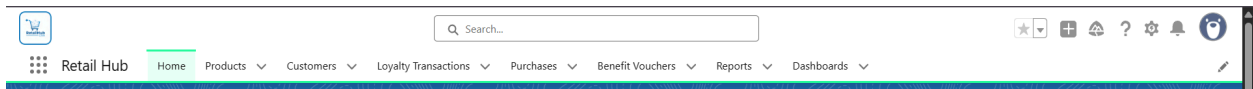
- Improves overall user experience and reduces data entry errors



6.4 Utility Bar

To provide **persistent access to frequently used tools**, a **Utility Bar** was added to the "Retail Hub" application:

- Configured with the standard **Recent Items** component
- Allows users to quickly see and navigate to their most recently viewed records from **any page within the app**
- Enhances workflow efficiency and ensures that key data is always accessible



Benefits of the UI Enhancements

- Provides a **profile-specific, engaging landing experience**
- Improves **workflow efficiency** for critical sales operations
- Reduces manual data entry effort with Screen Flows
- Ensures **quick access** to frequently used records via the Utility Bar
- Aligns the UI with business processes, making the application **intuitive and user-friendly**

The screenshot shows the Salesforce Setup interface. On the left is a navigation sidebar with options like Setup, Home, Object Manager, Feature Settings, Analytics, Tableau, User Interface, Console Settings, and Tabs. The main area displays the 'Custom Tabs' configuration page. It includes a header with the 'SETUP Tabs' logo and a search bar. Below the header, there's a paragraph explaining custom tabs. A table titled 'Custom Object Tabs' lists six tabs: Benefit Vouchers, Customers, Loyalty Transactions, Products, and Purchases, each with a unique icon and color. Below this table are sections for 'Web Tabs' (currently empty) and 'Visualforce Tabs'. At the bottom, a message states 'No Web Tabs have been defined'.