A CRM Application for Laptop Rentals

By-

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Project Overview

This CRM application is designed to streamline and enhance the process of renting laptops for short-term use. The primary objective is to leverage Salesforce's Customer Relationship Management capabilities to foster better customer relationships, resulting in an elevated customer experience. By managing customer data, rental transactions, and inventory through a unified platform, this project optimizes store operations, reducing manual effort and improving overall efficiency. Additionally, the CRM facilitates seamless communication with customers via automated email notifications, keeping them informed about bookings, billing, and other important updates. The result is a comprehensive solution that supports efficient rental management, improved customer satisfaction, and operational excellence for the business.

Goals:

- Enhance customer satisfaction through personalized service.
- Streamline and automate rental booking and inventory management.
- Improve team productivity and reduce manual tasks.
- Provide data-driven insights for informed decision-making.
- Ensure secure and efficient data management across users and roles.

Benefits:

- Centralizes customer data for personalized service and relationship management.
- Automates repetitive tasks to boost productivity and efficiency.
- Provides real-time insights with customizable reports and dashboards.
- Integrates easily with other tools, enhancing data flow and reducing silos.
- Offers mobile accessibility, enabling flexibility and responsiveness on the go.

Objectives

- Streamline Sales Processes: Use Salesforce solutions to automate and enhance sales workflows, minimizing manual tasks and boosting lead management efficiency.
- Improve Customer Engagement: Take advantage of Salesforce tools to deliver a tailored experience for customers, enhancing communication and overall satisfaction.
- **Insights from Data:** Utilize Salesforce analytics to collect actionable insights and effectively monitor performance metrics.

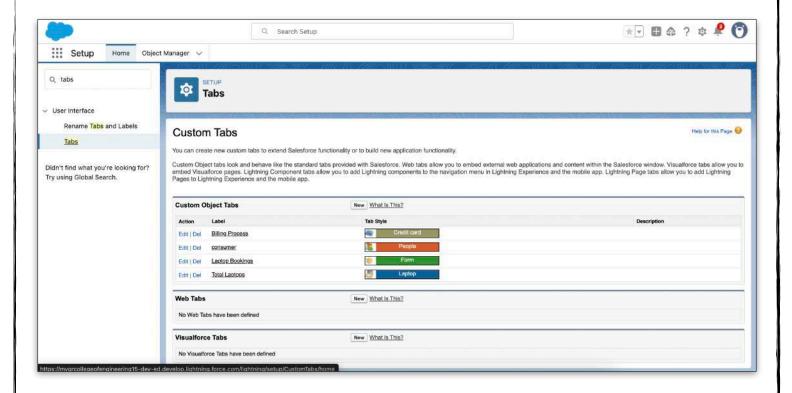
Key features and concepts utilized

This Salesforce CRM project utilize the following concepts and incorporates a variety of features

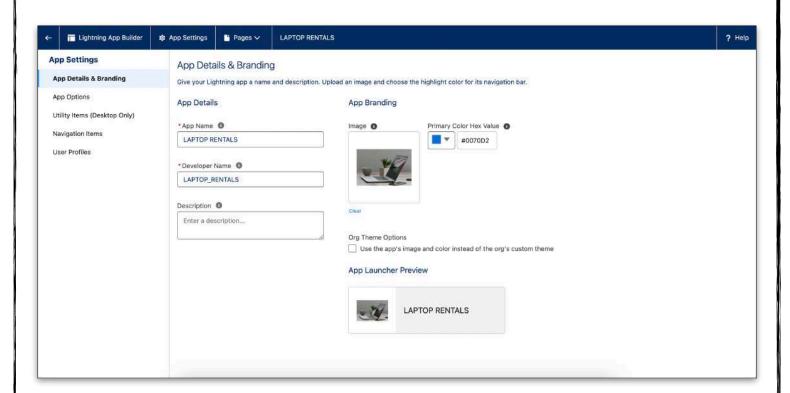
- Custom Objects: Defined unique custom objects such as Consumer, Laptop Bookings, Total Laptops, Billing Process to handle specific requirements for managing customer data, rental transactions, and inventory. These custom objects allowed precise data handling and organization beyond standard Salesforce objects.
- Custom Tabs: Created custom tabs for each custom object to provide easy access to the Consumer, Laptop Bookings, Billing Process and Total Laptops information, enabling the team to navigate and manage data directly from the Salesforce app interface.
- Creating Lightning Apps: Built custom Lightning apps for the Laptop Rentals CRM to provide a tailored user interface, streamline workflows, and improve user experience by organizing all necessary tabs, reports, and dashboards under one cohesive application.
- Validation Rules: Implemented validation rules to maintain data integrity and enforce business requirements. For example, the customer should specify his/her contact information either the email or phone number.
- **Profile Cloning and Custom Permissions:** Cloned the standard User profile to create Owner and Agent profiles, customizing permissions to restrict or allow access to specific objects and data fields based on user roles. This ensured proper access control and safeguarded sensitive information.
- Role Hierarchy and Role Creation: Established a role hierarchy by creating an Owner role under the CEO and an Agent role under the Owner.
- User Creation: Created two user accounts: Owner and Agent. The Owner has elevated permissions for full control, while the Agent can handle customer interactions and manage bookings within the limits set by their profile.
- Flows for Laptop Models: Created a Record Triggered for Laptop Models and for automating the model selection, processor type selection, selecting the number of months to rent the laptop and the charges based on the chosen inputs.
- **Apex Programming:** Created Apex classes and triggers to carry out complex business logics and trigger the email notifications after booking a laptop for rent.
- **Reports and Report Sharing:** Created a custom report to provide insights into rental activity, and filtered the data according to the types of versions shared this report to the Owner.
- **Dashboard Folder and Dashboard Creation:** Created a Dashboard to represent the created report in the form of a donut chart that enables to analyse the rental amounts for each version.

Screenshots of the Project

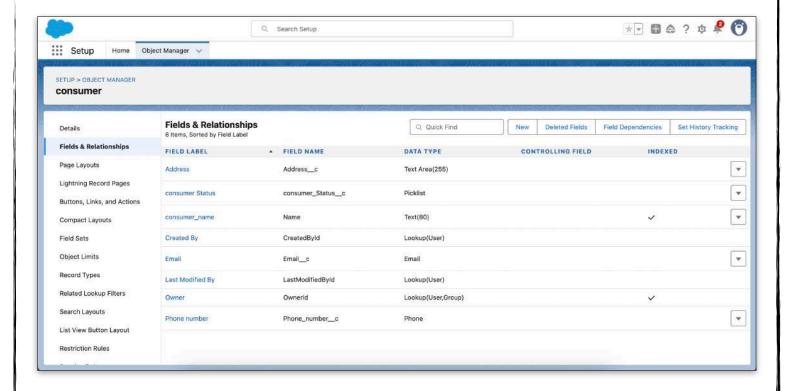
1. Creating A Custom Tab



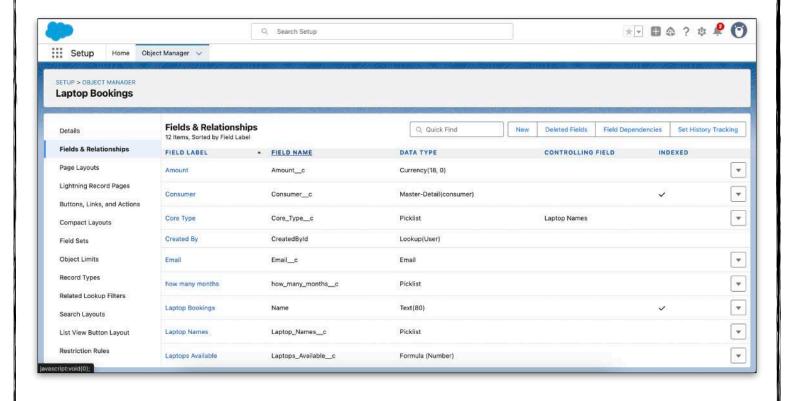
2. Creating A Lightning App



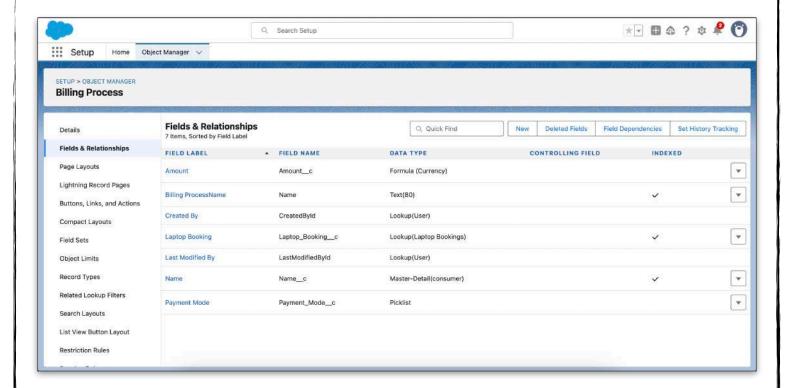
3. Creating The Field In Consumer Object



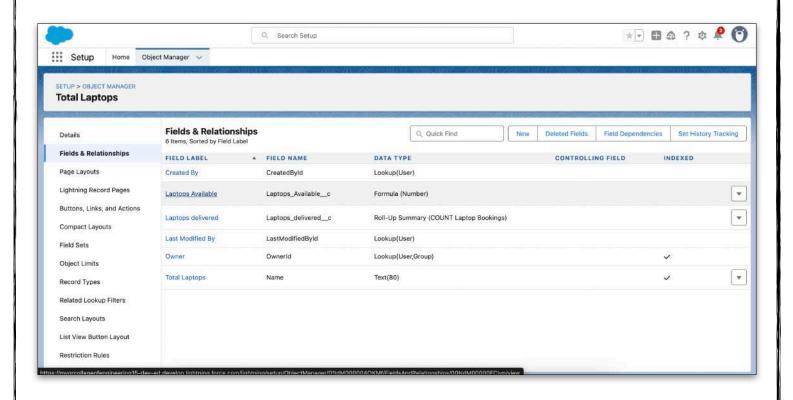
4. Creating The Field In Laptops Bookings Object



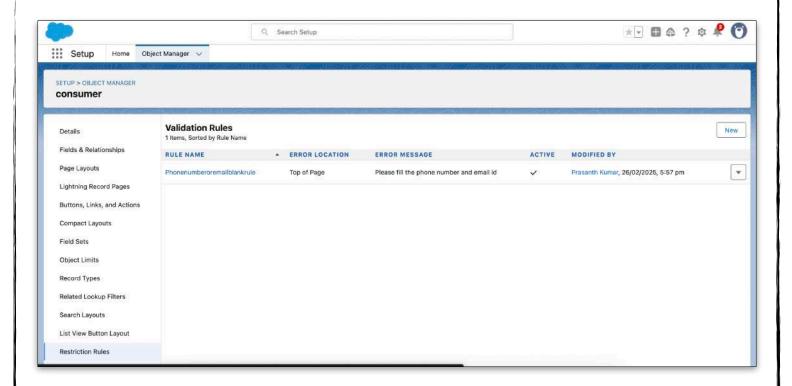
5. Creation Of Fields & Relationship For Billing Process Object



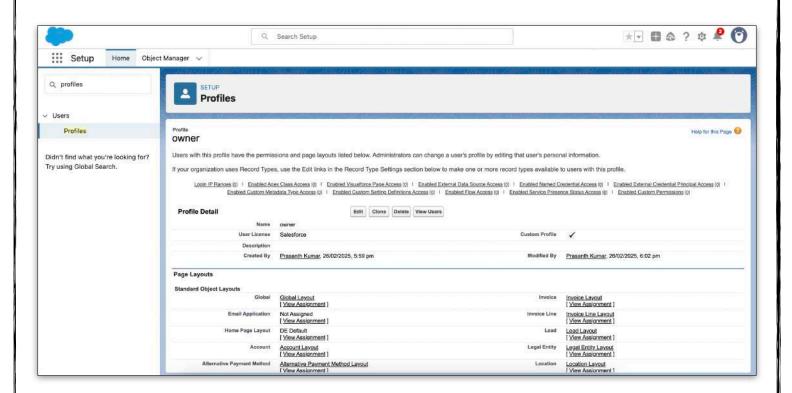
6. Creating The Field In Total Laptops Object



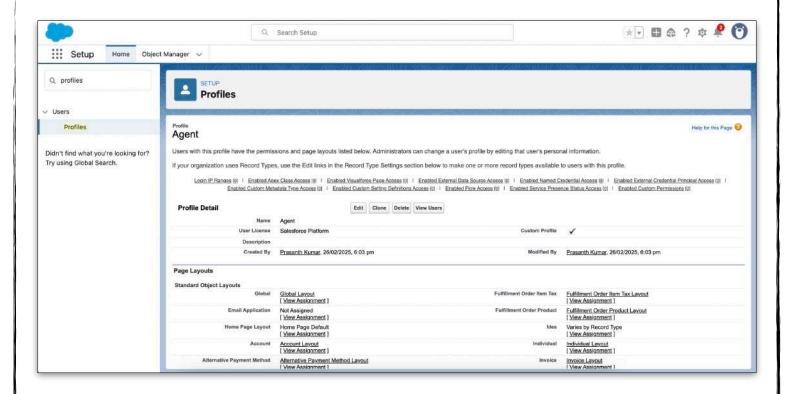
7. Creating The Validation Rule For Phone Number Field In Consumer Object



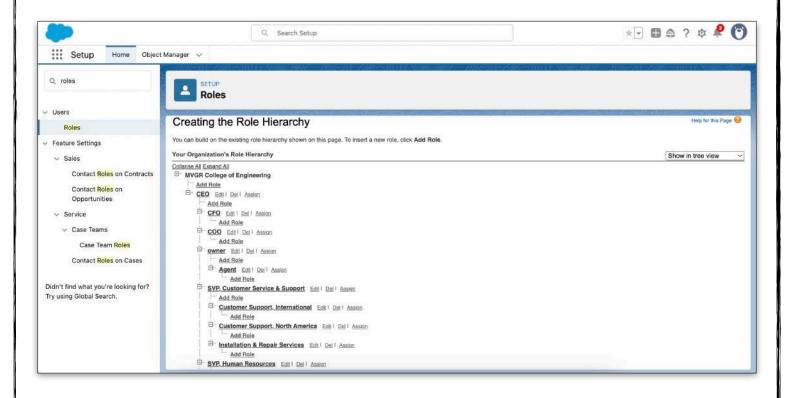
8. Owner Profile



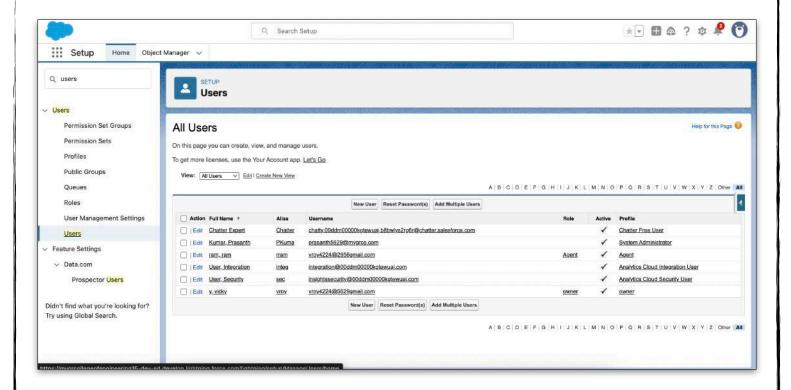
9. Agent Profile



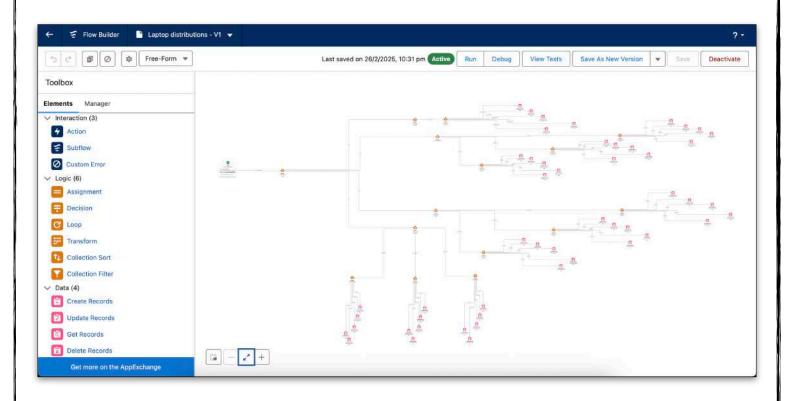
10. Creating Owner Role



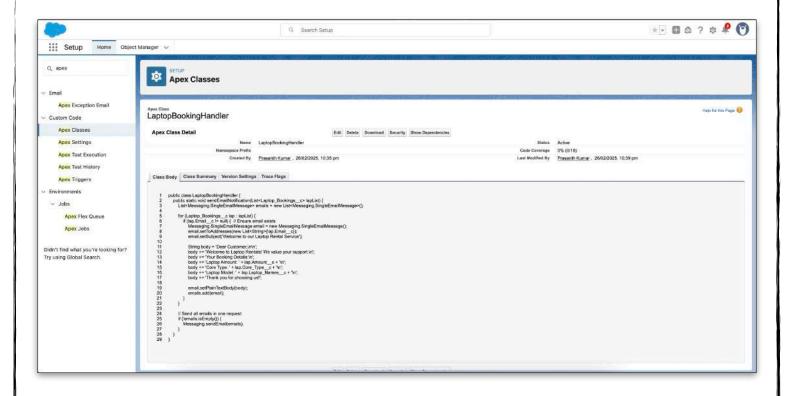
11. Create User

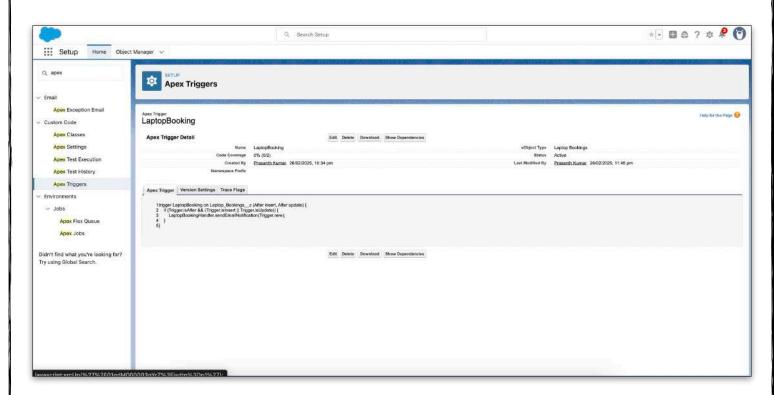


12. Creating A Flow On Dell, Acer, HP, Mac Laptop

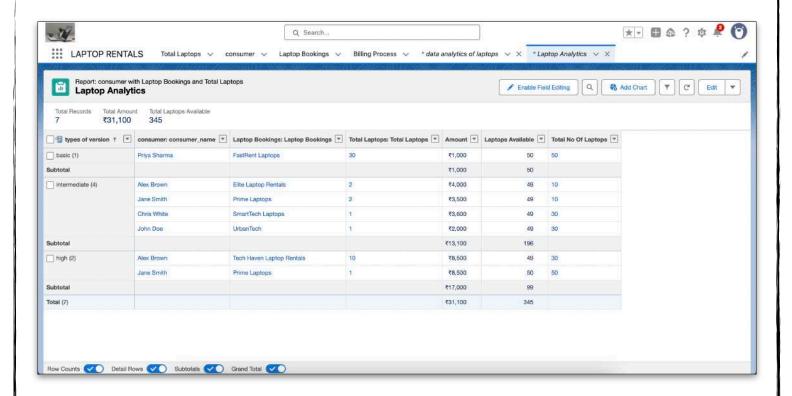


13. Apex Trigger And Handler Class

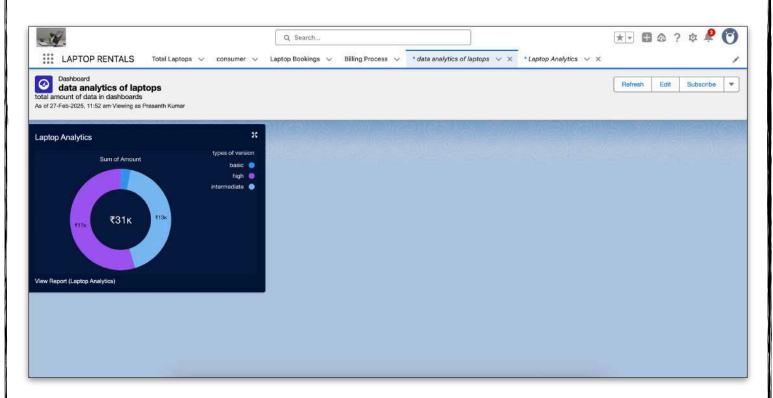




14. Create Report



15. Create Dashboard



Conclusion

This CRM application will be a comprehensive solution to effectively manage laptop rental operations, improve customer satisfaction, streamlining internal processes, and drive revenue growth. By leveraging Salesforce's robust capabilities, the application will provide a flexible, customizable, and scalable platform for managing the end-to-end lifecycle of laptop rentals