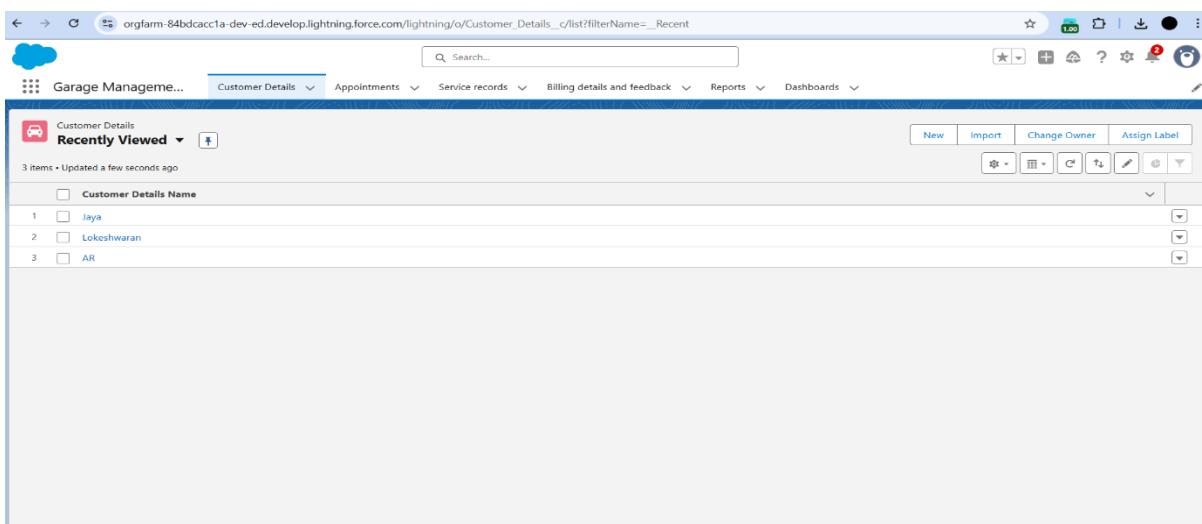


Performance and Testing

| | |
|--------------|---|
| Date | 05 NOV 2025 |
| Team ID | NM2025TMID01008 |
| Project Name | Garage Management System |
| Team Members | Arasu M Lokeshwaran M Jayabalan R Jaya Surya J |

Model Performance Testing :

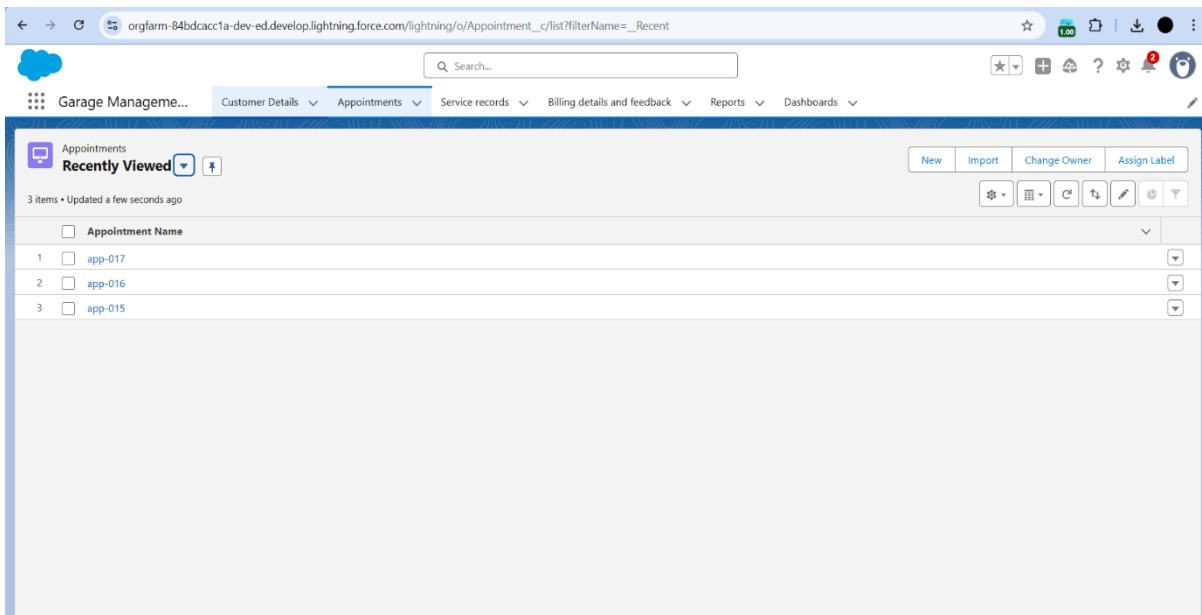
Create Custom Details :



The screenshot shows the Salesforce Lightning interface for the Garage Management system. The current page is the Customer Details list view. The top navigation bar includes links for Customer Details, Appointments, Service records, Billing details and feedback, Reports, and Dashboards. The 'Recently Viewed' section displays three items: Jaya, Lokeshwaran, and AR. The main list area shows a table with columns for Customer Details Name, Number, and Last Modified Date.

| Customer Details Name | Number | Last Modified Date |
|-----------------------|--------|--------------------|
| Jaya | 1 | 2023-10-26 |
| Lokeshwaran | 2 | 2023-10-26 |
| AR | 3 | 2023-10-26 |

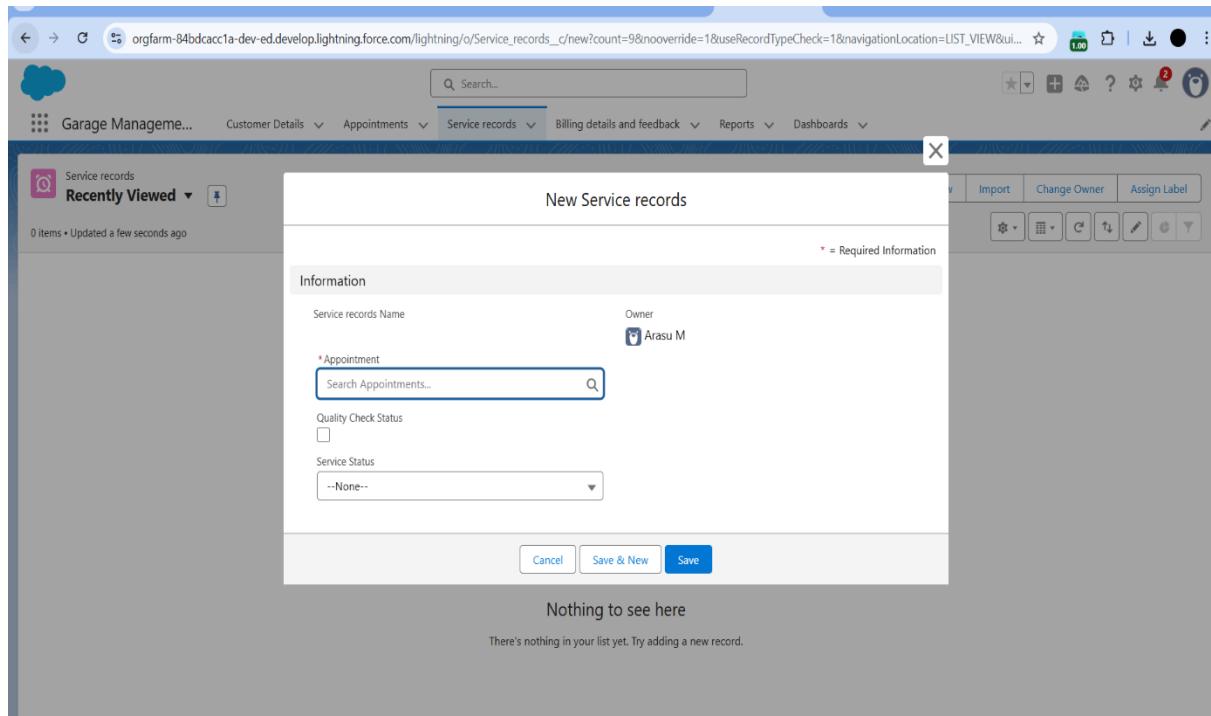
Create Appointments:



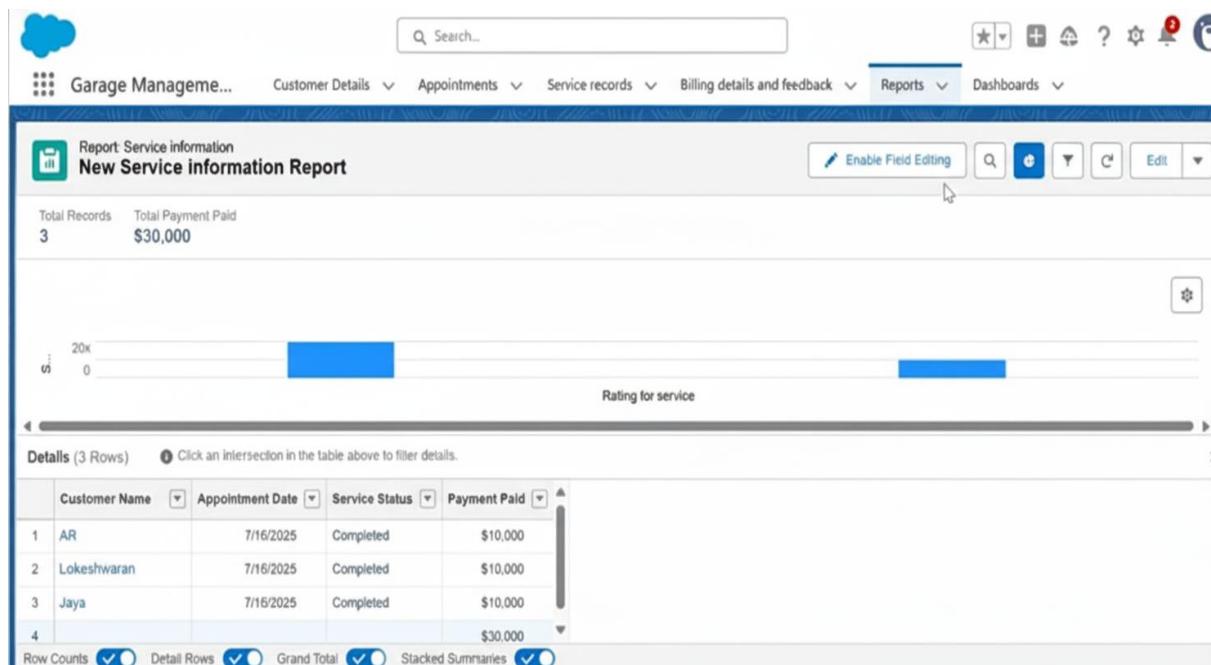
The screenshot shows the Salesforce Lightning interface for the Garage Management system. The current page is the Appointments list view. The top navigation bar includes links for Customer Details, Appointments, Service records, Billing details and feedback, Reports, and Dashboards. The 'Recently Viewed' section displays three items: app-017, app-016, and app-015. The main list area shows a table with columns for Appointment Name, Start Date, End Date, and Status.

| Appointment Name | Start Date | End Date | Status |
|------------------|------------|------------|---------|
| app-017 | 2023-10-26 | 2023-10-26 | Pending |
| app-016 | 2023-10-26 | 2023-10-26 | Pending |
| app-015 | 2023-10-26 | 2023-10-26 | Pending |

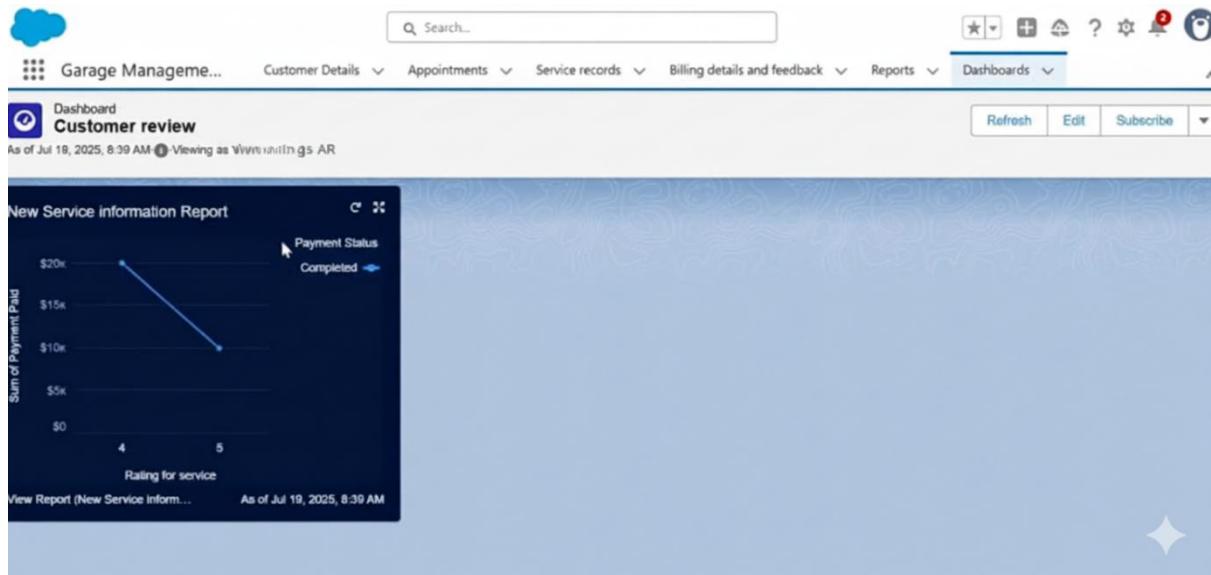
Create New Service records :



View Reports :



View Dashboards :



Performance Testing :

Performance testing was conducted to evaluate the efficiency, responsiveness, and stability of the **Garage Management System** developed on the Salesforce platform. The objective was to ensure that the system performs reliably under various workloads and user conditions.

Key focus areas included:

- **Load Handling:** Verified that the system can handle multiple concurrent admin and staff operations (such as adding, updating, and deleting customer or vehicle data) without performance degradation.
- **Response Time:** Measured the time taken for key operations—such as viewing service records or assigning a mechanic—to ensure all actions complete within acceptable limits.
- **Scalability:** Confirmed that system performance remains stable as the volume of users, vehicles, and incidents grows.
- **Database Efficiency:** Ensured that queries on Salesforce objects (like Vehicle, Customer, and Service Records) execute quickly through indexed fields and optimized SOQL queries.
- **System Reliability:** Tested under stress conditions to validate that no data loss, service interruption, or timeout occurs during peak operations.

The results demonstrated that the Garage Management System meets performance expectations with **consistent response times, reliable data operations, and high scalability**, ensuring a smooth user experience for admins and service staff alike.

Acknowledgement :

We would like to express our sincere gratitude to **Naan Mudhalvan** and **Salesforce** for providing the opportunity to work on this innovative project titled "*Garage Management System using Salesforce.*"

We extend our heartfelt thanks to our mentors and faculty members for their continuous guidance, support, and encouragement throughout the project development.

We also thank our teammates — **Arasu M, Lokeshwaran M, Jayabalan R, and Jaya Surya J** — for their collaboration, dedication, and teamwork in successfully completing the project.

Finally, we are grateful to our institution for offering us the necessary resources, technical support, and environment to explore cloud-based solutions using Salesforce technology.

-----Thank You-----