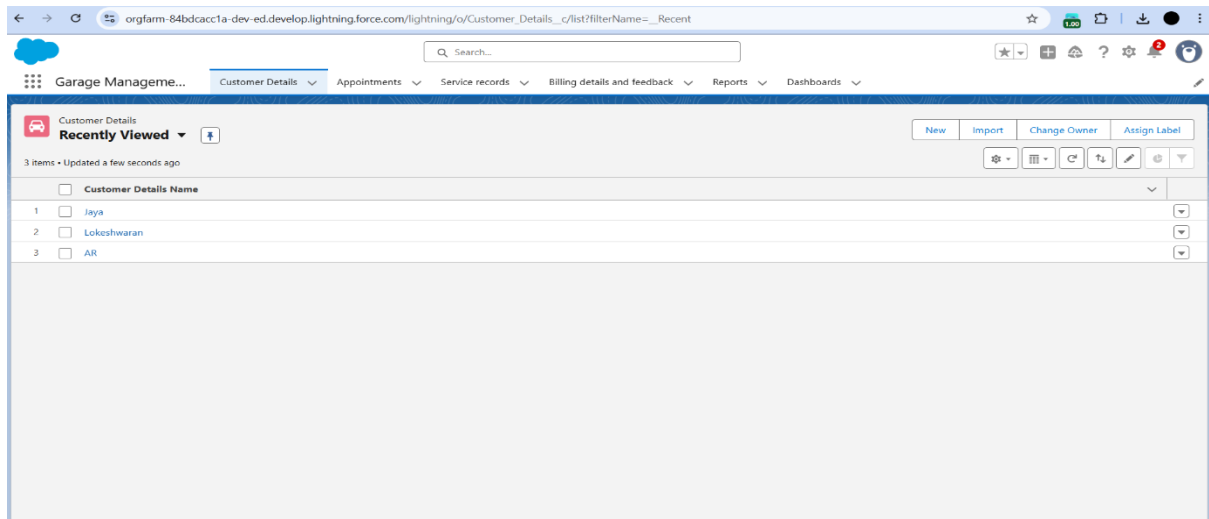


Performance and Testing

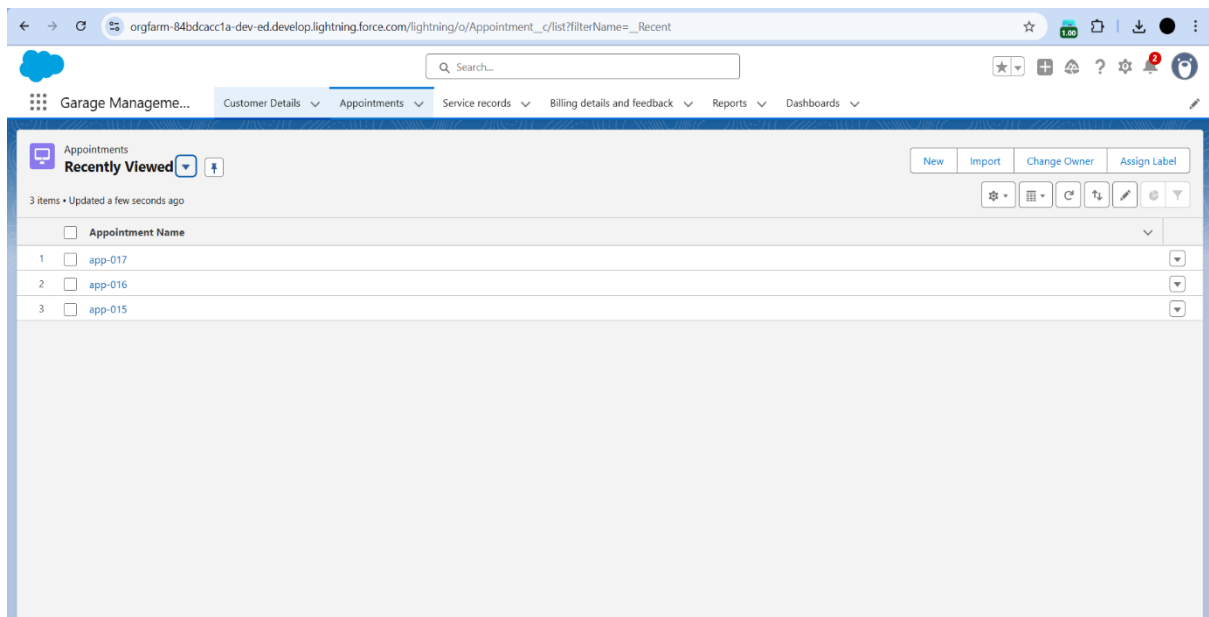
Date	05 NOV 2025
Team ID	NM2025TMID01008
Project Name	Garage Management System
Team Members	Arasu M Lokeshwaran M Jayabalan R Jaya Surya J

Model Performance Testing :

Create Custom Details :



Create Appointments:



Create New Service records :

Service records

Recently Viewed

0 items • Updated a few seconds ago

New Service records

Information

Service records Name

Owner

Arasu M

Appointment

Search Appointments...

Quality Check Status

Service Status

--None--

Cancel

Save & New

Save

Nothing to see here

There's nothing in your list yet. Try adding a new record.

View Reports :

Garage Manageme...

Customer Details

Appointments

Service records

Billing details and feedback

Reports

Dashboards

Report: Service information

New Service information Report

Enable Field Editing

Q

Edit

Total Records

3

Total Payment Paid

\$30,000

Rating for service

Details (3 Rows)

Click an intersection in the table above to filter details.

	Customer Name	Appointment Date	Service Status	Payment Paid
1	AR	7/16/2025	Completed	\$10,000
2	Lokeshwaran	7/16/2025	Completed	\$10,000
3	Jaya	7/16/2025	Completed	\$10,000
4				\$30,000

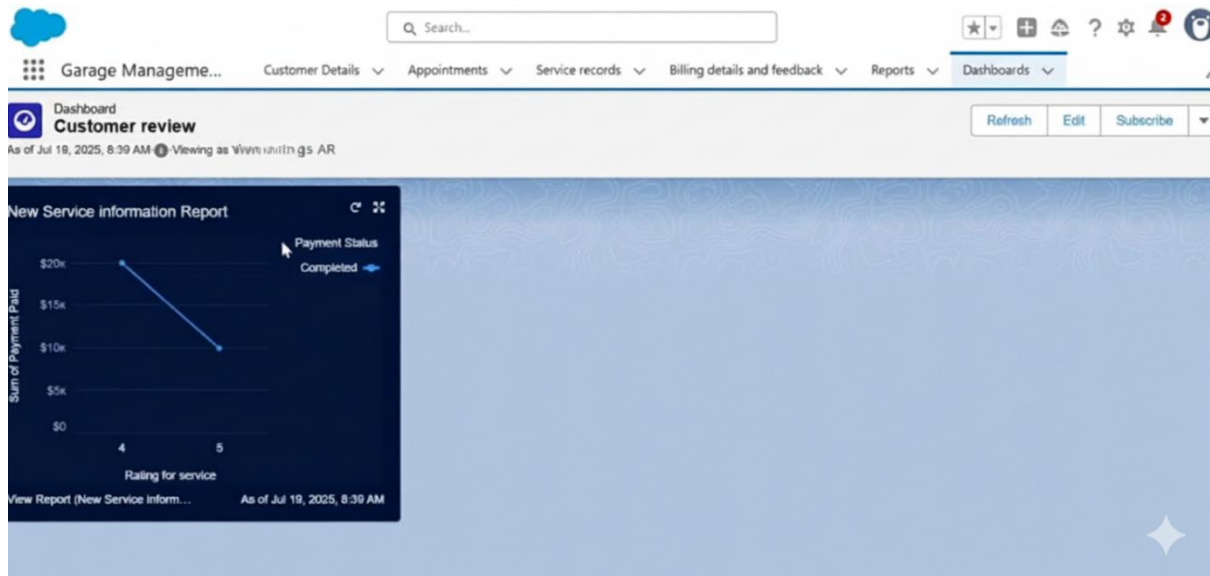
Row Counts

Detail Rows

Grand Total

Stacked Summaries

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----