Project Execution Phase
Outputs

Date	27 June 2025
Team ID	LTVIP2025TMID29772
Project Name	GARAGE MANAGEMENT SYSTEM

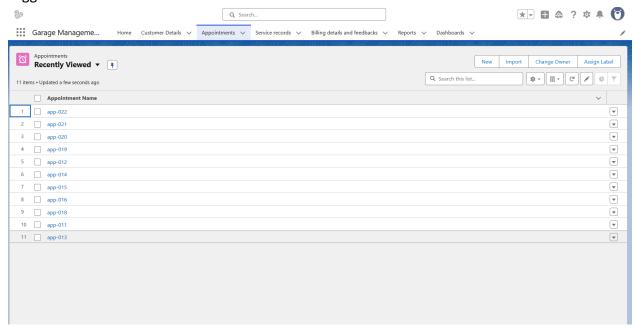**Final Outputs:**

1.Customer Management Output:

- New customer records are created with validated email and phone formats.
- Duplicate entries are prevented using duplicate rules.
- Customer details are accessible in a tabbed view in the Lightning app.
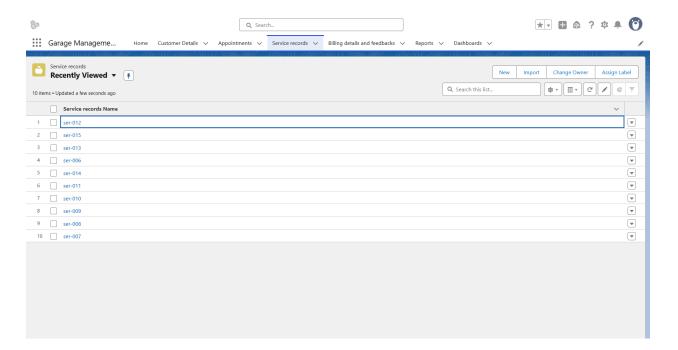

2.Appointment Booking Output:

- Appointments are successfully scheduled.
- Vehicle number is validated (e.g., format: KA05AB1234).

- Service amount is automatically calculated based on selected checkboxes using Apex Trigger.
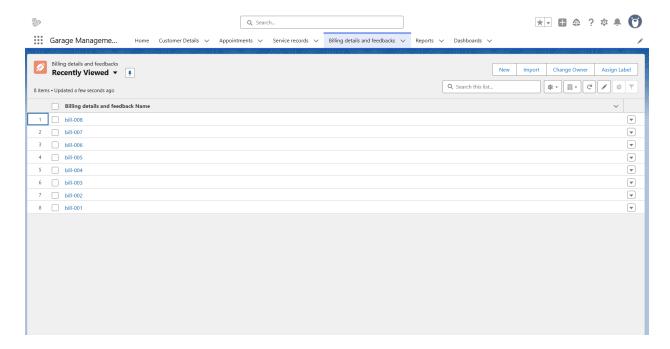

3.Service Record Output:

- New service records created with lookup to the corresponding appointment.
- Status changes automatically to "Completed" after quality check is enabled (Flow logic).
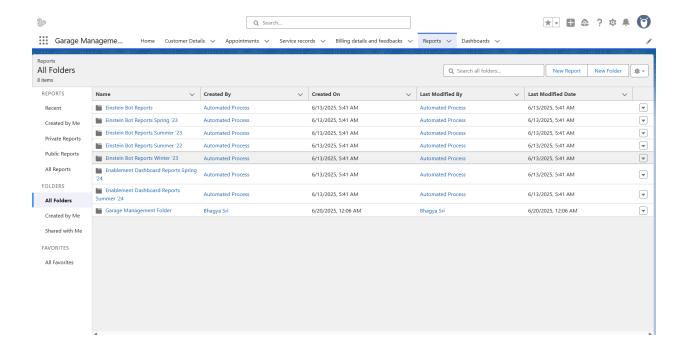- Validation ensures service appointment date < record creation date.

4.Billing & Feedback Output:

- Payment amount is auto-filled if service is marked as completed.
- Rating validated (only 1 to 5 allowed).
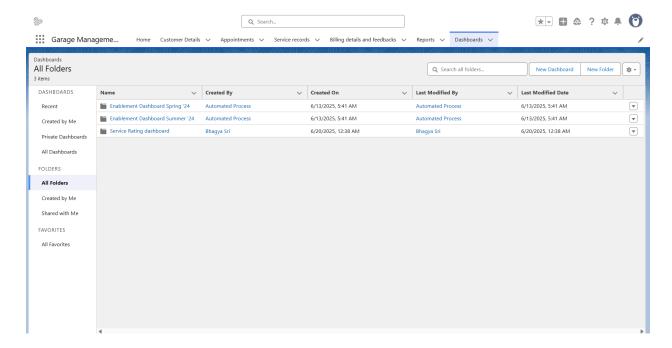- Automated thank-you email sent on payment completion (via Flow).

5.Reports Output:

- Custom report "Service Information Report" generated using related objects.
- Shows appointment dates, service statuses, payment amounts, and customer ratings.
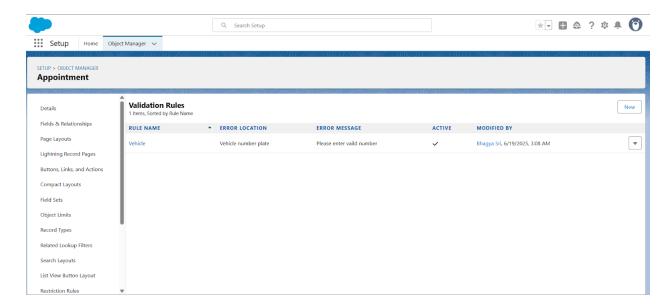- Grouped by "Rating for Service" and "Payment Status".

6.Dashboard Output:

- Visual dashboard component built from the above report.
- Chart Type: Line Chart or Bar Graph.
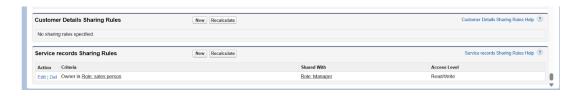- Weekly subscription emails sent to Manager.

7.Validation Rules Output:

- Vehicle number plate follows regex format.
- Ratings outside 1–5 are blocked.

8.Sharing & Security Output:

- Service records are private by default (OWD).
- Sharing rule allows Sales Person to share records with Manager.

9.Apex Trigger Output

- On saving an appointment with services selected, Apex calculates the service cost.