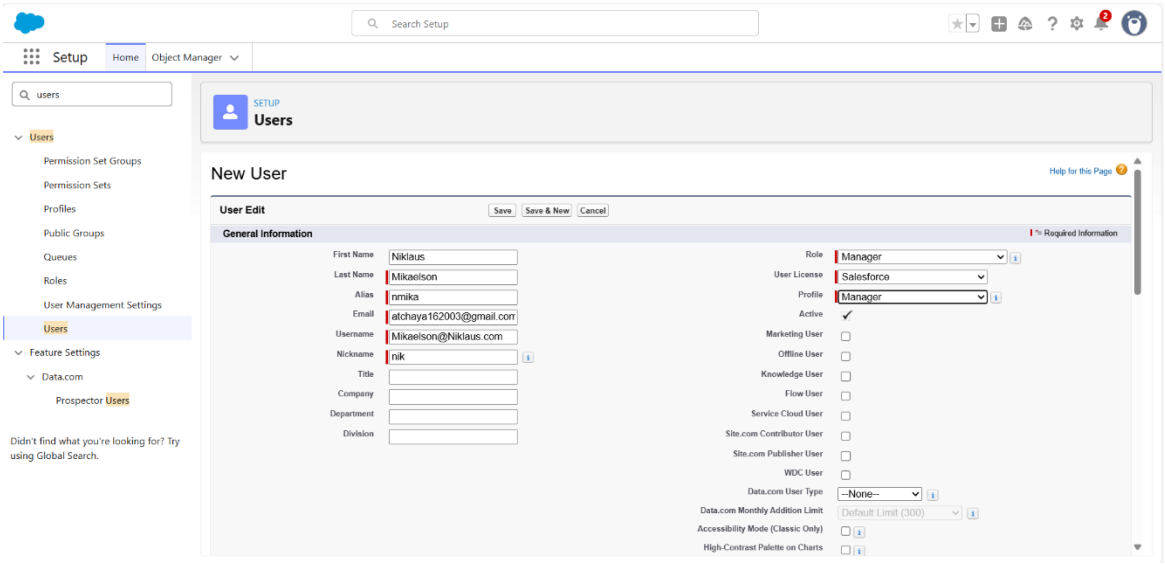
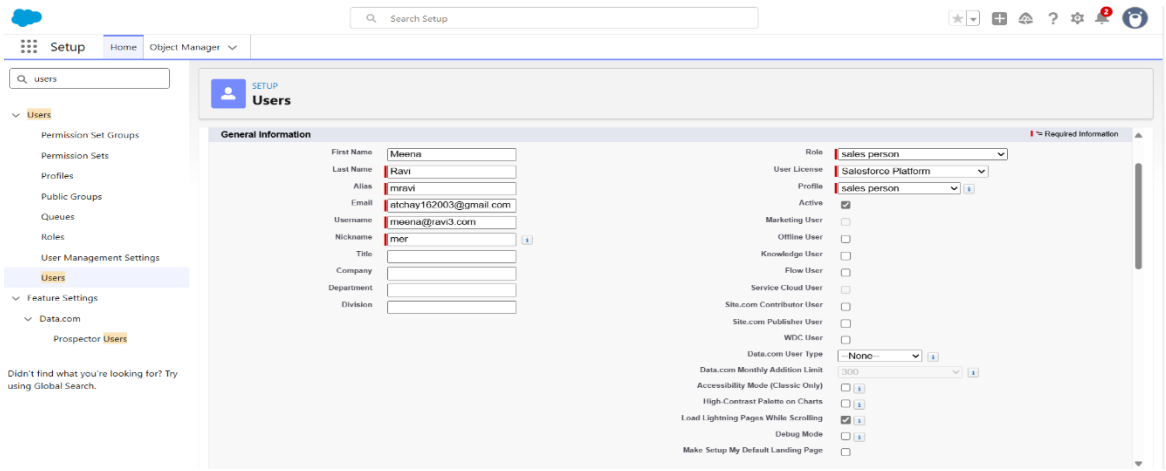
Performance and Testing

Date	27 OCTOBER 2025
Team ID	NM2025TMID05681
Project Name	Garage Management System
Maximum Marks	4 Marks

Model Performance Testing

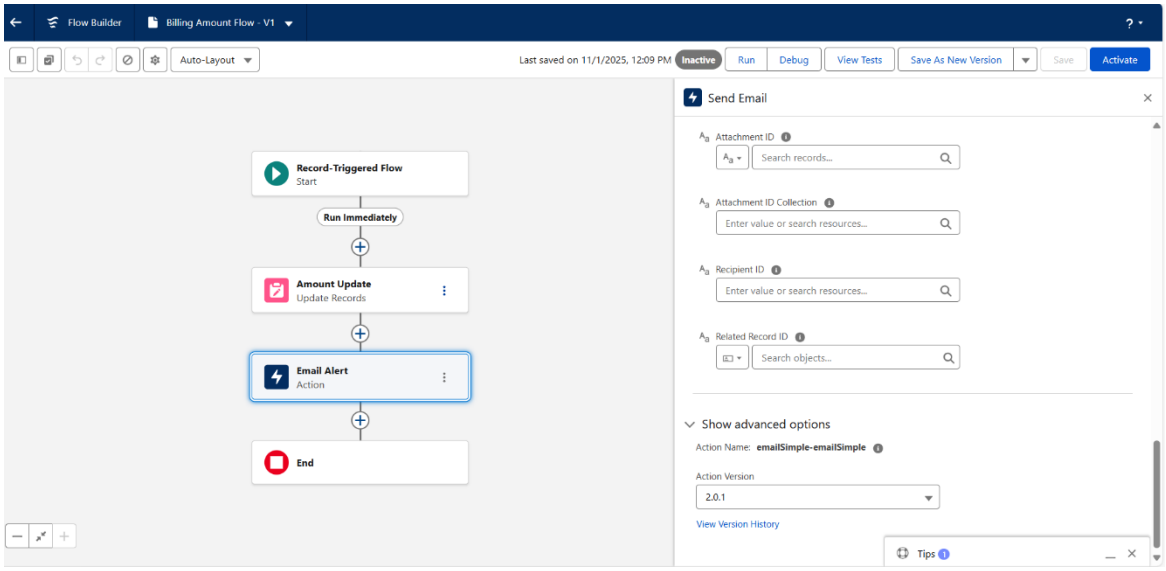
User Creation





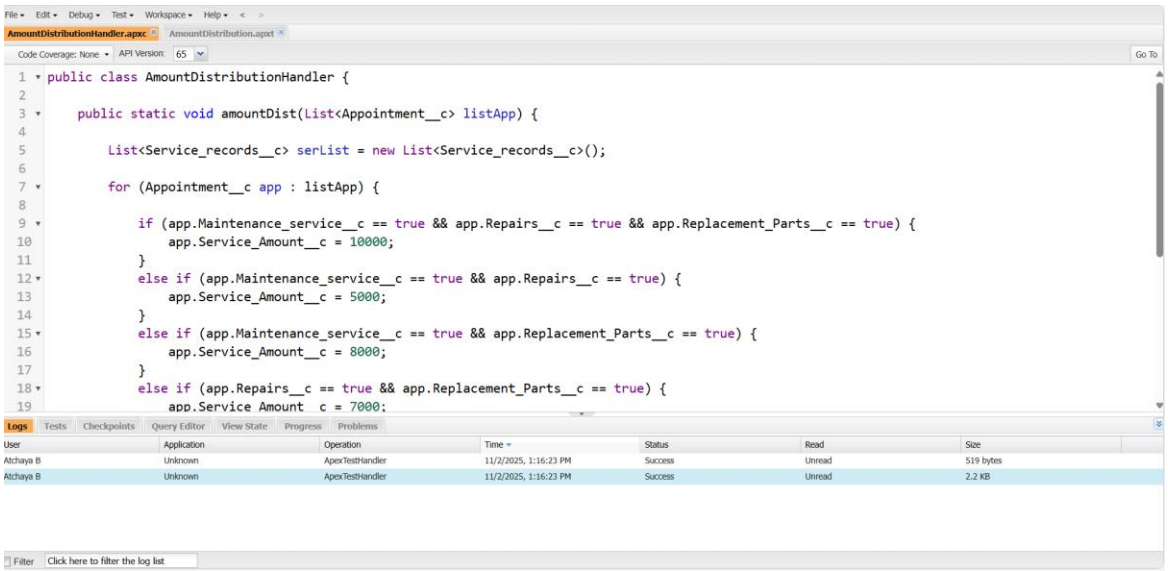
Parameter	Values
Model Summary	Creates a new user in the SalesForce for Garage management system ensuring correct field validations, roles, and profile assignments.
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

Flow Setting



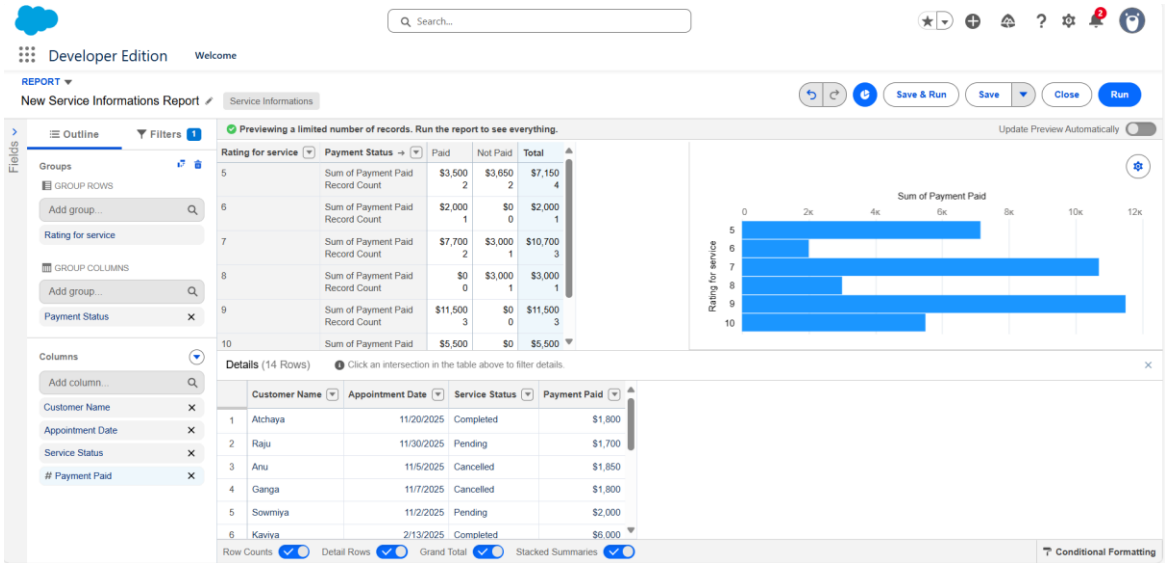
Parameter	Values
Model Summary	Implements the workflow of the system
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

System Rule Creation



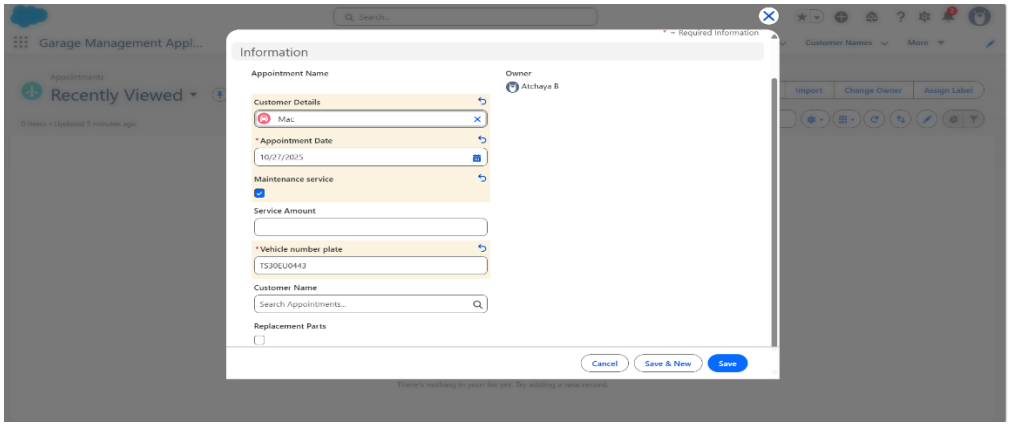
Parameter	Values
Model Summary	Implements a system rule to ensure that users cannot be deleted from the Garage Management System if they are still assigned to active service jobs, vehicle repairs, or pending tasks.
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

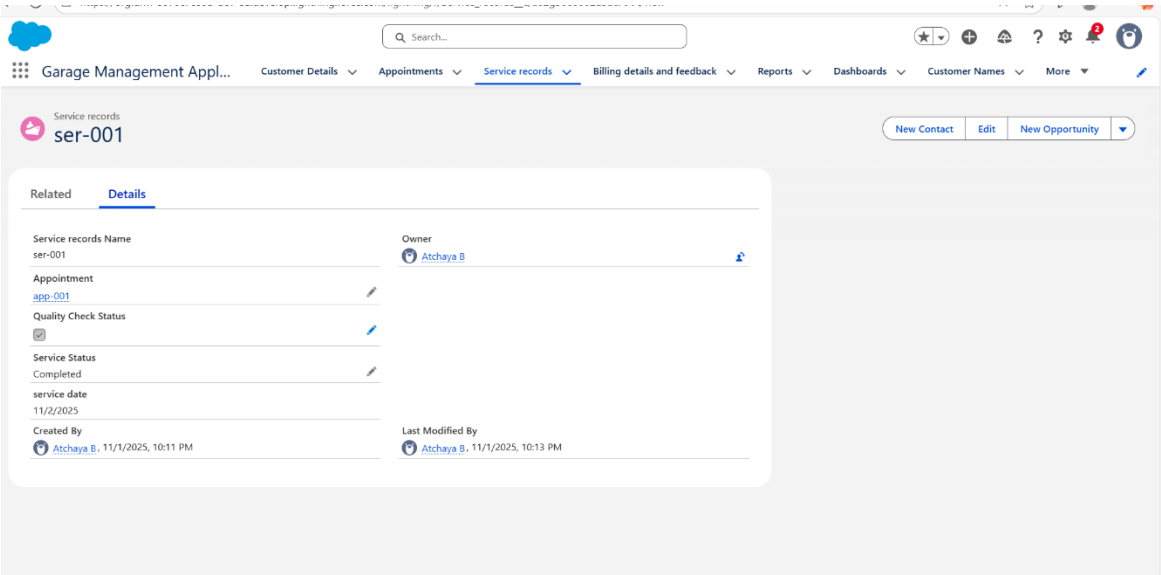
Report Creation



Parameter	Values
Model Summary	Create a report and test the records
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

Test With User





Parameter	Values
Model Summary	Assigns an details to the newly created user and checks for proper assignment and linkage.
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

The performance testing phase successfully validated the core functionalities of the Garage Management System, including service booking, job assignment, inventory checks, real-time status updates, and billing generation. The system demonstrated strong stability and reliability, achieving high accuracy in processing service workflows without delays or failures. Test results confirm that the system maintains data integrity across modules, ensuring smooth coordination between customers, mechanics, and managers. This testing phase proves that the solution is ready for deployment, aligns with the intended service objectives, and delivers a robust and efficient experience for all garage operations.