

Garage Management System - Salesforce Project

Overview

The Garage Management System project is designed to leverage Salesforce as a platform to manage and automate the operations of a garage. The system helps in handling customer data, vehicle records, service requests, and employee responsibilities through Salesforce's standard and custom functionalities. This project makes use of objects, fields, profiles, roles, flows, reports, dashboards, and Apex triggers to build a comprehensive management solution.

Objectives

1. To design and implement a Garage Management System using Salesforce.
2. To create and customize objects, tabs, and fields for managing garage operations.
3. To implement business rules using validation rules and duplicate rules.
4. To configure profiles, roles, role hierarchies, and public groups for secure data access.
5. To automate processes using flows and Apex triggers.
6. To generate reports and dashboards for monitoring garage performance.
7. To ensure user adoption by providing a simplified and efficient system.


Testing Approach








The testing approach for the Garage Management System involves the following steps:


1. **Unit Testing**: Validate individual components such as objects, fields, validation rules, and triggers.
2. **Integration Testing**: Ensure that different modules like Users, Roles, and Sharing Settings work together seamlessly.
3. **Functional Testing**: Verify that the system meets the business requirements such as managing service requests, vehicle records, and reporting.
4. **User Acceptance Testing (UAT)**: Allow end-users to test the system to ensure it is user-friendly and fulfills operational needs.
5. **Performance Testing**: Check system performance under expected workloads to ensure smooth operations.

Conclusion

The Garage Management System built on Salesforce provides a robust and scalable solution for managing garage operations. By utilizing Salesforce features such as objects, validation rules, profiles, roles, flows, and dashboards, the project ensures efficiency, security, and ease of use. With proper testing and user adoption, the system can greatly enhance the productivity and service quality of garage operations.






Garage Manageme...

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Appointments ▾

Service records ▾

Dashbo

Customer Details

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New

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6 items • Updated a few seconds ago

☐ Customer Details Name

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4	<input type="checkbox"/>	xav
5	<input type="checkbox"/>	mai
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Customer_Details__c

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