

Phase 7: Integration & External Access

Project: *Sports Equipment Rental Management System*

Objective

The aim of this phase is to understand how Salesforce connects and shares data with external systems using APIs, integrations, and authentication methods.

Concepts Covered

- Named Credentials
 - External Services
 - Web Services (REST/SOAP)
 - Callouts
 - Platform Events
 - Change Data Capture (CDC)
 - Salesforce Connect
 - API Limits
 - OAuth & Authentication
 - Remote Site Settings
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Summary

In this phase, no practical implementation was done.

However, I learned the concepts and usage of different integration tools available in Salesforce.

These features help Salesforce to:

- Connect with third-party applications,
- Exchange data securely, and
- Automate communication with external systems.

For example, Salesforce can be integrated with payment gateways, notification APIs, or external databases using REST APIs or Salesforce Connect.

Result

This phase helped me understand the basics of Salesforce integration and how to set up external access for future project needs.

It prepared the system for upcoming features like online payment integration and external data synchronization.