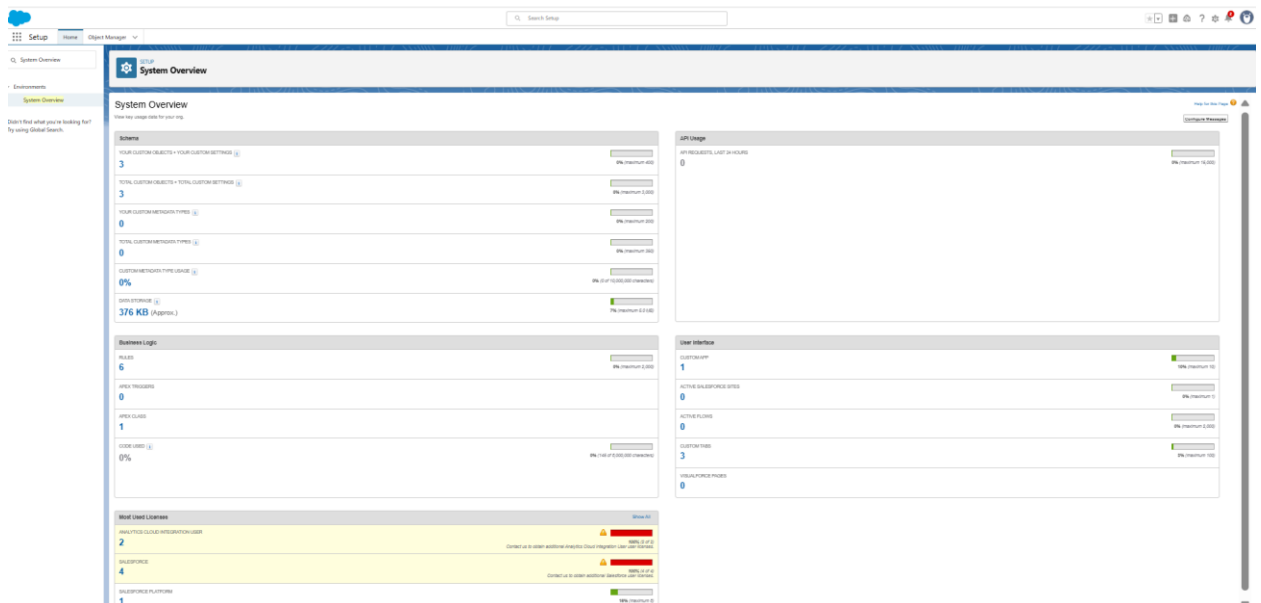


Project: Leave Tracker

Phase 7: Integration & External Access

Introduction: Phase 7 focuses on integrating Salesforce with external systems and managing access to data. For the Leave Tracker Application, this phase is mostly about understanding how external integrations, API limits, and authentication mechanisms work.

1. **Named Credentials Purpose:** Named Credentials allow storing authentication details securely for external services. This ensures sensitive information is protected and simplifies connections for integrations.
2. **API Limits Purpose:** API Limits define how many API calls can be made within a time frame. Being aware of limits helps avoid disruptions during integrations



3. **External Services Purpose:** External Services enable Salesforce to consume external APIs without writing extensive code. This helps in adding functionality from external systems seamlessly.
4. **Web Services (REST/SOAP) Purpose:** Web Services allow Salesforce to send and receive data with external systems using standard protocols. This facilitates reliable and secure data exchange.

5. **Callouts Purpose:** Callouts let Salesforce make HTTP requests to external endpoints. They are used to fetch or send data when needed for integrations.
6. **Platform Events Purpose:** Platform Events allow event-driven communication between systems in real-time. They enable asynchronous updates and notifications across applications.
7. **Change Data Capture Purpose:** Change Data Capture tracks changes to Salesforce records and synchronizes them with external systems. This helps maintain data consistency across platforms.
8. **Salesforce Connect Purpose:** Salesforce Connect provides real-time access to external data without storing it in Salesforce. This allows users to view external data alongside Salesforce records.
9. **API Limits Purpose:** API Limits define how many API calls can be made within a time frame. Being aware of limits helps avoid disruptions during integrations.
10. **OAuth & Authentication Purpose:** OAuth and authentication provide secure access to Salesforce for external apps. This ensures only authorized users or systems can interact with Salesforce.
11. **Remote Site Settings Purpose:** Remote Site Settings specify which external sites Salesforce can access. This adds security by controlling outbound calls to external endpoints.