Phase 7: Integration & External Access

1. Named Credentials

- Simplifies authentication when making callouts to external systems.
- Stores URL, authentication type, and credentials securely in Salesforce.

2. External Services

- Allows Salesforce to integrate external APIs declaratively.
- Generates Apex actions automatically from an API schema (OpenAPI/Swagger).

3. Web Services (REST/SOAP)

- REST API enables interaction with Salesforce using standard HTTP methods (GET, POST, PUT, DELETE).
- SOAP API allows structured XML-based communication with Salesforce for integrations.

4. Callouts

- Outbound requests from Salesforce to external systems using HTTP.
- Can be synchronous (immediate response) or asynchronous (future method or queueable).

5. Platform Events

- Enables event-driven architecture within Salesforce for real-time updates.
- Subscribers receive notifications asynchronously when an event occurs.

6. Change Data Capture

- Tracks changes (create, update, delete, undelete) in Salesforce records.
- Pushes changes to external systems in near real-time via events.

7. Salesforce Connect

- Allows access to external data in real-time without storing it in Salesforce.
- Uses external objects and OData protocol to integrate external databases.

8. API Limits

- Salesforce enforces limits on API calls per 24-hour period.
- Helps prevent excessive load and ensures fair usage of resources.

9. OAuth & Authentication

- OAuth 2.0 enables secure token-based authentication for external apps.
- Supports user delegation and integration without exposing credentials.

10. Remote Site Settings

- Whitelist external URLs to allow Salesforce callouts.
- Ensures security by preventing unauthorized external requests.

This Phase is not needed in my project