**Phase 7 Overview: Integration & External Access (Clicks-Only Approach)**

**Objective**

The objective was to demonstrate a basic, end-to-end integration by connecting Salesforce to a live, external API. This was achieved using a "clicks-and-code" method, pairing a lightweight Apex class with declarative automation tools to enrich the user experience with real-time external data.

**Procedure / Key Activities Performed**

* A **Remote Site Setting** was created to authorize an outbound connection to a public weather API.
* An **Apex Class** was written in the **Developer Console** containing an **@InvocableMethod**. This method performs an HTTP **Callout** to the weather API, requests the current forecast, and parses the resulting JSON data.
* A **Screen Flow** was built to provide the user interface. This flow contains an **Action** element that calls the Invocable Apex method and a subsequent **Screen** element to display the returned weather forecast to the user.
* A **Quick Action** button, labeled "Get Local Forecast," was created on the Farmer\_\_c object to launch the Screen Flow.
* The new button was added to the Farmer **Page Layout** for user access.

**Result / Key Outcomes**

* A successful, functional integration between Salesforce and an external web service.
* An enhanced Farmer record page with a user-initiated button that provides valuable, real-time weather data.
* A demonstration of combining lightweight Apex with powerful declarative tools like Flow to create a seamless user experience.