

# ■ Third-Party API Integration Setup

## 1. Request Method

Choose the appropriate HTTP method depending on how the third-party API works.

■ GET — if you're retrieving data.

■ POST — if you're sending data.

➡■ Select one: GET / POST

## 2. Authorization

Select the type of authorization required by the API provider to access the data.

Common Auth Types:

None

Basic Auth

Bearer Token

API Key

OAuth2

➡■ Select Auth Type: (e.g., Bearer Token)

Also, provide necessary credentials/tokens.

## 3. Content-Type

Set the appropriate content type for the request.

Common Options:

application/json

application/x-www-form-urlencoded

multipart/form-data

➡■ Select Content-Type: (e.g., application/json)

## 4. Data Format: Query String or Body

Choose how you'll send the data to the API.

Query String — data appended to the URL (typically for GET).

Body — data sent in request body (typically for POST).

➡■ Select one: Query String / Body

## 5. API Endpoint URL

Provide the actual API endpoint (URL) to be used for data transmission.

➡■ API URL:

<https://example.com/api/attendance-log>

## ■ Parameters Configuration for Biometric Attendance

#	Field Description	Parameter Name	Required	Expected Format
1	Employee Code	employee_code	■ Yes	String or Int
2	Log DateTime	log_datetime	■ Yes	YYYY-MM-DD HH:mm:ss
3	Log Time Only	log_time	■ Yes	HH:mm:ss
4	Download DateTime	downloaded_at	Optional	YYYY-MM-DD HH:mm:ss
5	Device Serial No.	device_sn	■ Yes	String

## ■ Example Configuration

**Request Method:** POST

**Authorization:** Bearer Token (e.g., Authorization: Bearer abc123xyz)

**Content-Type:** application/json

**Send Data:** In Body

**API URL:** https://vendorapi.com/attendance

### **Sample JSON Body:**

```
{ "employee_code": "E1023", "log_datetime": "2025-09-19 08:45:00",
  "log_time": "08:45:00", "downloaded_at": "2025-09-19 08:46:00",
  "device_sn": "SN-009128" }
```