



ZingHR - SyncSwipeData API Documentation

API for pushing swipe details from client to ZingHR system.

Overview :

Production URL	https://portal.zinghr.com/2015/route/Integration/SyncSwipeData
UAT URL	https://clientuat.zinghr.com/2015/route/Integration/SyncSwipeData
Methods Supported	POST
Description	Update Attendance Flag in ZingHR

Input :

The following input fields are required to push swipe data. Each API request require the token as an input which identifies the request and check if the required API is valid or not.

Note : Below Input Parameters Key Names are case sensitive.

SubscriptionName (Mandatory)	Name of account (String , max length = 10)
Token (Mandatory)	For verification of the account and request. (String)
SwipeData(Mandatory)	JSON Array of SwipeData with below mentioned Parameters

Elements of SwipeData Collection :

Emplidentification (Mandatory)	Employee Code / Card No of the Employee. Eg. 100879 , SM100879
SwipeDateTime (Mandatory)	Employee Punch Swipe Date And Time of the Employee. Eg. 2020-08-17 09:00:00 (yyyy-mm-dd hh:mm:ss), This data should be available in one column Date + Time
TerminalId (Mandatory)	From which Terminal / Machine Employee has punched in/out
SwipeReceivedOnClientSideDate (Mandatory)	This field will help us to get Delay Swipes details for on which date and time the Swipe data gets download on client's database server. So we recommend to provide this data. This will be helpful In case delay of data in future We will be able to find the reason for the same.
RowDataId (Optional)	Unique ID (Incremental id for each swipe which is not duplicate)
SwipeLocation(Optional)	Require Location Name. eg. Location1, Location2 etc.
InOutFlag (Optional)	Employee Punch In and OUT Flag to identify, Employee has Punched In OR Out on the Biometric. Eg. IN / OUT.

Response :

Message	Messages
Code	Codes



API Codes & Message :

Code : 1	Message : Success
Code : 2	Message : Invalid Input Parameters
Code : 3	Message : Invalid Token
Code : 4	Message : Internal Server Error
Code : 6	Message : Token Expired

Note : In case of multiple records in SwipeData collection only valid records will be Synced with ZingHR. Invalid records will be excluded and returned in response under InvalidRecords field with Code 1 and Success Message.

API Input Example :

```
{
  "SubscriptionName" : "<<Your Account Name>>",
  "Token" : "<<Your API Token>>",
  "SwipeData" : [
    {
      "EmplIdentification" : "admin",
      "SwipeDateTime" : "2020-10-20 14:33:41",
      "TerminalId" : "1111",
      "SwipeReceivedOnClientSideDateTime" : "2020-10-20 14:33:41",
      "RowDataId" : "123",
      "SwipeLocation" : "Mumbai",
      "InOutFlag" : "In"
    },
    {
      "EmplIdentification" : "test001",
      "SwipeDateTime" : "2020-10-20 14:33:41",
      "TerminalId" : "1111",
      "SwipeReceivedOnClientSideDateTime" : "2020-10-20 14:33:41",
      "RowDataId" : "123",
      "SwipeLocation" : "Chennai",
      "InOutFlag" : "In"
    }
  ]
}
```