

WISA - Enhancements

Standard of Operating Procedure
on WISA Worker Attendance Data - Tableau API Integration

Team Digital

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Revision History

Sl No	Summary	Author	Date
1	Initial Draft	Mahalakshmi R	02-Oct-2021

1. Authentication- Token Generation API

To access the worker data attendance API a token needs to be sent along with the request header. The token can be generated from the below end point by sending the provided credentials in the request body.

1.1 API Request-Response Detail

Dev API Endpoint – To generate authentication token

<https://dev.digital.Intecc.com/WISALTCDemo/api/WorkmenApp/ExternalLogin>

Request body:

```
{
  "UserName" : "SafetyApp",
  "Password" : "S@fetyApp$2020"
}
```

Key	Description	Value
UserName <small>REQUIRED string</small>	A predefined string	SafetyApp
Password <small>REQUIRED string</small>	A predefined string	S@fetyApp\$2020

Response:

```
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1bmVudWVmbmFtZSI6I1NhZmV0eUFWcCIsImIzcyI6IkwmbENvbnN0cnVjdGlvb19Qcm9qZWN0IzIwMTkiLCJhdWQiOiJXSXNBIUZvckNvbnN0cnVjdGlvb14yMDE5IiwiaWF0IjoiMSIsIm5iZiI6MTYzMzE4MDA3MywiZXBhIjoxNjQwOTU2MDczLCJpYXQiOiJlMzZmODAwNzN9.7jzoqjC005R_4dneTGxve-04dM3OpGEaFW5K8J0K27s"
}
```

2. Attendance Data for present day - API

This API provides the attendance data of all the onboarded workers in WISA app for the present day.

To access this app, the token authentication is mandatory which can be generated by accessing the **Authentication- Token Generation API** as mentioned above.

This token needs to be send in the request header against **Authorization** with the type as **Bearer**.

2.1 API Request Detail

Dev API Endpoint – To get attendance data

<https://dev.digital.Intecc.com/WISALTCDemo/api/WorkmenApp/GetWorkerAttendanceData>

Request body:

Should be Empty

2.2 API Response Detail

Response:

```
{
  "StatusCode": 200,
  "ResponseMessage": "Success",
  "ReasonPhrase": "",
  "AttendanceDetail": [
    {
      "EIP_ID" : 3628501,
      "WISA_ID" : 1234
      "Name" : "MITHILESH MEHATA"
      "Gender" : "Male"
      "RLS_Worker" : "N",
      "Attendance_date" : "03-October-2021",
      "Attendance_Scanned_date" : "03-October-2021",
      "Time" : "08:36 AM",
      "Vendor_Code" : "S0142295",
      "Vendor_Description": "GOVARDHAN ENTERPRISES",
      "Shift" : "",
      "Skill_code" : "10001",
      "Skill_Desc" : "Helper",
      "Category" : "UnSkilled",
      "Mode" : "BM" ,
      "Captured_By" : "",
      "Location" : "",
      "Error_Message" : ""
    },
    {
      "EIP_ID" : 3628502,
      "WISA_ID" : 1235
      "Name" : "MITHILESH MEHATA Kumar"
      "Gender" : "Male"
      "RLS_Worker" : "Y",
      "Attendance_date" : "03-October-2021",
      "Attendance_Scanned_date" : "03-October-2021",
      "Time" : "08:37 AM",
      "Vendor_Code" : "S0142295",
      "Vendor_Description": "GOVARDHAN ENTERPRISES",
      "Shift" : "",
      "Skill_code" : "10001",
```

```

        "Skill_Desc" : "Helper",
        "Category" : "UnSkilled",
        "Mode" : "FR" ,
        "Captured_By" : "Pankaj Sarkar",
        "Location" : "15.1748515-76.720124",
        "Error_Message" : ""
    }
}

```

2.2.1 API Response object:

Key	Description	Value
StatusCode <i>ResponseCode</i> string	Defines the status of the call with predefined codes	200 → Success, 400-499 → Client Side error, 500-599 → Server Side error,
ResponseMessage <i>ResponseMessage</i> string	Defines the status message of the call with predefined messages	Success/Failure
ReasonPhrase <i>ResponseMessage</i> string	Defines the status message in detail	Invalid Token, Network error or any other errors
AttendanceDetail	List of workers with attendance data	List of WorkerDetail Object

2.2.2 Attendance Detail – Response Object:

Key	Description	Value
EIP_ID <i>Attribute</i> long?	A nullable long variable	3628502
WISA_ID <i>Attribute</i> long?	A nullable long variable	1234
Name <i>Attribute</i> string	A string variable	MITHILESH MEHATA Kumar
Gender <i>Attribute</i> string	A string variable	Male/Female
RLS_Worker <i>Attribute</i> string	A string variable	Y/N
Attendance_date <i>Attribute</i> string	A string variable	03-October-2021
Attendance_Scanned_date <i>Attribute</i> string	A string variable	03-October-2021/-
Time <i>Attribute</i> string	A string variable	08:30 AM
Vendor_Code <i>Attribute</i> string	A string variable	S0142295
Vendor_Description <i>Attribute</i> string	A string variable	GOVARDHAN ENTERPRISES

Shift <i>Attribute</i> string	A string variable	
Skill_code <i>Attribute</i> string	A string variable	10001
Skill_Desc <i>Attribute</i> string	A string variable	Helper
Category <i>Attribute</i> string	A string variable	UnSkilled
Mode <i>Attribute</i> string	A string variable	BM/FR/QR
Captured_By <i>Attribute</i> string	A string variable	Pankaj Sarkar
Location <i>Attribute</i> string	A string variable	15.1748515-76.720124
Error_Message <i>Attribute</i> string	A string variable	Duplicate Attendance/ Worker not available in WISA/ Worker mapped with different Job Code