API Documentation
Version 2.0

CONTENTS

OVERVIEW

a) Prerequisites

Below are the following details required to access AmpleTrails API's.

- eTime database.

This can be used in variety of Languages to access REST API's like .Net, JAVA etc.

b) Support

In case for any clarifications, Please get in touch with the API Support with Ampletrails team

SPECIFICATIONS

The API uses Http Requests to receive data and send responses in **JSON** format.

a) API Request:

An API request lets you contact a server with API endpoints that you want to reach and perform some action. Those actions are HTTP methods.

b) API Response:

An API response consists of the body, headers, and the status code.

c) API Exception:

if there is an exception during the processing of the request then the application will send the response in the following

WEB API'S

1. Fetch Biometric Logs Data Between Dates

Method: GET

http://abc.com/api/WebAPI/GetAttendanceBetweenDates

Example:

http://abc.com/api/WebAPI/GetAttendanceBetweenDates?AppKey=6432467912&StartDate=07/01/2020 9:12&EndDate=07/01/2020 20:02

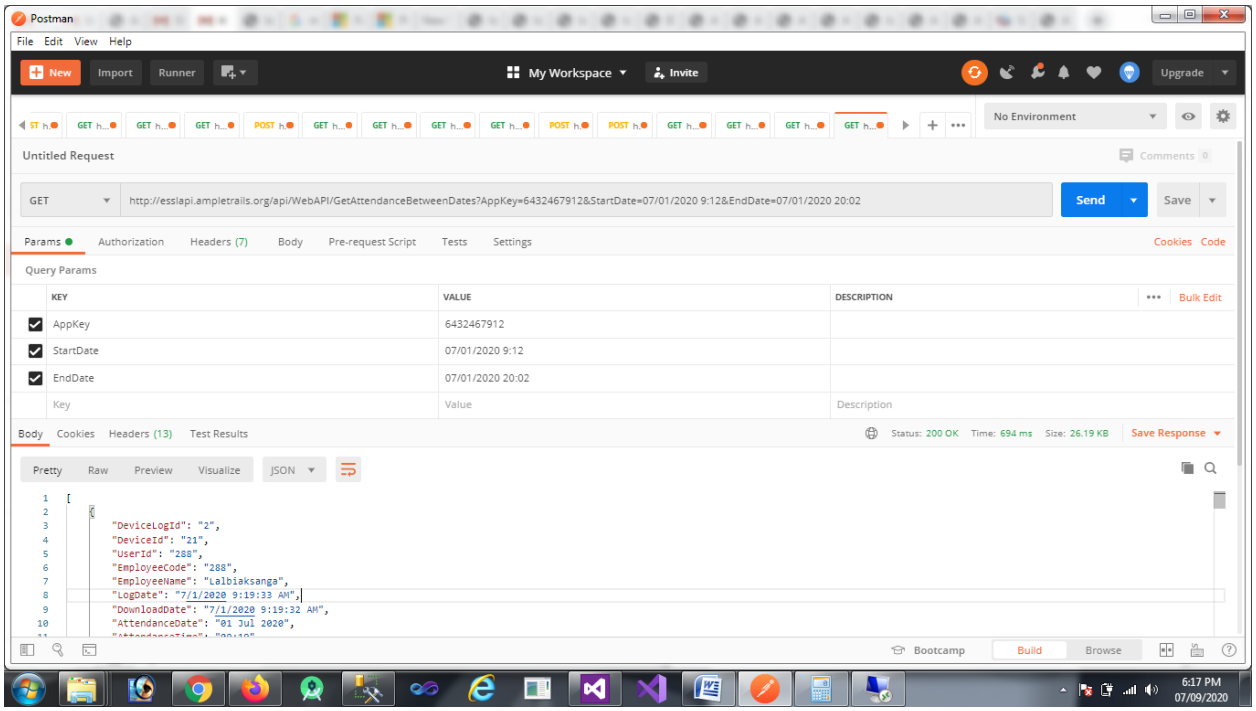
Request JSON Object

- AppKey (String): To access the API method.
- StartDate (DateTime): from when the logs to be send.
- EndDate (DateTime): until when the logs to be send.

Response JSON data:


```
[
  {
    "DeviceLogId": "1",
    "DeviceId": "23",
    "UserId": "102",
    "EmployeeCode": "102",
    "EmployeeName": "Satya Ranjan Das",
    "LogDate": "7/1/2020 9:04:09 AM",
    "DownloadDate": "7/1/2020 9:04:20 AM",
    "AttendanceDate": "01 Jul 2020",
    "AttendanceTime": "09:04",
    "Location": "PMKK Silchar",
    "Direction": "",
    "AttDirection": "",
    "DeviceName": null,
    "SerialNumber": "BJ2C190460658",
    "IpAddress": "192.168.2.201",
    "Status": "Success"
  },
  {
    "DeviceLogId": "2",
    "DeviceId": "21",
    "UserId": "288",
    "EmployeeCode": "288",
    "EmployeeName": "Lalbiaksanga",
```

```
    "LogDate": "7/1/2020 9:19:33 AM",
    "DownloadDate": "7/1/2020 9:19:32 AM",
    "AttendanceDate": "01 Jul 2020",
    "AttendanceTime": "09:19",
    "Location": "PMKK AIZWAL",
    "Direction": "",
    "AttDirection": "",
    "DeviceName": null,
    "SerialNumber": "BJ2C193060915",
    "IpAddress": "192.168.101.11",
    "Status": "Success"
  }
]
```

2. Fetch Biometric Logs Data After Maximum Attendance Log Index

Method: GET

http:/abc.com/api/WebAPI/GetAttendanceBetweenDates

Example:

http://abc.com/api/WebAPI/GetAttendanceAfterIndex?AppKey=6432467912&AttendanceMonth=7&AttendanceYear=2020&AttendanceAfterIndex=70

Request JSON Object

- AppKey (String): To access the API method.
- AttendanceMonth (String): Month for which records are to be fetched.
- AttendanceYear (String): Year for which records are to be fetched.
- AttendanceAfterIndex (String): Last attendance log index id after which records are to be fetched.

Response JSON data:


```
[
  {
    "DeviceLogId": "1",
    "DeviceId": "23",
    "UserId": "102",
    "EmployeeCode": "102",
    "EmployeeName": "Satya Ranjan Das",
    "LogDate": "7/1/2020 9:04:09 AM",
    "DownloadDate": "7/1/2020 9:04:20 AM",
    "AttendanceDate": "01 Jul 2020",
    "AttendanceTime": "09:04",
    "Location": "PMKK Silchar",
    "Direction": "",
    "AttDirection": "",
    "DeviceName": null,
    "SerialNumber": "BJ2C190460658",
    "IpAddress": "192.168.2.201",
    "Status": "Success"
  },
  {
    "DeviceLogId": "2",
    "DeviceId": "21",
    "UserId": "288",
    "EmployeeCode": "288",
    "EmployeeName": "Lalbiaksanga",
    "LogDate": "7/1/2020 9:19:33 AM",
    "DownloadDate": "7/1/2020 9:19:32 AM",
    "AttendanceDate": "01 Jul 2020",
    "AttendanceTime": "09:19",
```

```
    "Location": "PMKK AIZWAL",
    "Direction": "",
    "AttDirection": "",
    "DeviceName": null,
    "SerialNumber": "BJ2C193060915",
    "IpAddress": "192.168.101.11",
    "Status": "Success"
  }
]
```