

Attendance API document for Clock-In & Clock-Out

Deskera Development Space

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1 Generate a Token

API users are required to pass an additional token along with each API request. The token is generated after authenticating Client Id and Client Secret. Each token is valid for 30 mins. The token is mandatory and is needed for authorizing the access to a Deskera Account.

Request URL for the token generation:

Request Method: GET

```
https://apps.deskera.com/rest/v1/company/token?  
clientid=d8pmAgAIjAVptqATxZxLyQ&clientsecret=IHGJi0JPCq6inqMakg0uAIIj6zLV9dL63pzqg@dXP  
vk1
```

¹ [http://ssg.apps.deskera.com/rest/v1/company/token?
clientid=Q_Bj5W5EH60pKLvoNFiuGA&clientsecret=gDHxtHbCozytzTBC0Okf5PM3fk2HKSvdthyxy7Bnaag](http://ssg.apps.deskera.com/rest/v1/company/token?clientid=Q_Bj5W5EH60pKLvoNFiuGA&clientsecret=gDHxtHbCozytzTBC0Okf5PM3fk2HKSvdthyxy7Bnaag)

2 API to get Last Attendance records:

2.1 Request Method

GET

API: <REST_ELEAVES_ENDPOINT>/rest/v1/attendance/get-clockattendance?token=ABC

[https://eleave.deskera.com/rest/v1/attendance/get-clockattendance?token=<Generated\(see page 3\) Token>](https://eleave.deskera.com/rest/v1/attendance/get-clockattendance?token=<Generated(see page 3) Token>)

2.2 Parameter

Field	Type	Description
Token	String	Authorized token for integration.
Request	json	Company's domain should pass in json.
Parameters	Required/Optional	Description
cdomain	Optional	Company subdomain
userid	Required	Userid of Employee
clockdate	Required	Current date
companyid	Required	companyid
month	Optional	To get attendance records of whole month
year	Optional	To get records of month of the year

Eg.

GET request example

```
https://eleave.deskera.com/rest/v1/attendance/get-clockattendance?
token=eyJhbGciOiJIUzI1NiIsImNhbGciOiJERUYifQ.eNqqVktKFCyMjQ1tTAzNzQ0NNJRSk7Jz03MzF0yUipJLS5JzCvOKM1RqgUAAAD_w.UMOUWQC_XvxtpawjONLvhXuV904g4lVS1lgXexjP-SE&request={companyid=%2271402c07-222b-4cee-bc4c-8ad28ada8c01%22,userid=%22c40aab8e-049f-4156-9139-88d9f6697516%22,clockdate=%222019-05-23%22}
```

Response of GET Request:**Response:**

Field		Type
Response		json
Property	Description	
clockout	true so user could clock out OR false so could clock in	
data	json	

Data :

Property	Description
date	date of last 5 records
day	day of last 5 records
intime	intime of last 5 records
outtime	outtime of last 5 records
intimelocation	intimelocation of last 5 records
outtimelocation	outtimelocation of last 5 records
intimelatitude	intimelatitude of last 5 records
outtimelatitude	outtimelatitude of last 5 records
intimelongitude	intimelongitude of last 5 records
outtimelongitude	outtimelongitude of last 5 records

Eg.

Response

```
{
  "clockout": false,
  "data": [
    {
      "intimelongitude": "73.8835432",
      "outtimelatitude": "",
      "outtimelocation": "",
      "intime location": "Tower 4, Commerzone IT Park Internal Rd, Commerzone IT Park, Yerawada, Pune, Maharashtra 411006, India",
      "intimelatitude": "18.5604708",
      "day": "Thursday",
      "date": "09-05-19",
      "intime": "02:00 PM",
      "outtimelongitude": "",
      "outtime": "00:00",
      {
        "intimelongitude": "73.8835432",
        "outtimelatitude": "",
        "outtimelocation": "",
        "intime location": "Tower 4, Commerzone IT Park Internal Rd, Commerzone IT Park, Yerawada, Pune, Maharashtra 411006, India",
        "intimelatitude": "18.5604708",
        "day": "Monday",
        "date": "06-05-19",
        "intime": "05:06 PM",
        "outtimelongitude": "",
        "outtime": "00:00",
        {
          "intimelongitude": "",
          "outtimelatitude": "",
          "outtimelocation": "",
          "intime location": "",
          "intimelatitude": "",
          "day": "Tuesday",
          "date": "30-04-19",
          "intime": "00:00",
          "outtimelongitude": "",
          "outtime": "00:00",
          {
            "intimelongitude": "",
            "outtimelatitude": "",
            "outtimelocation": "",
            "intime location": "",
            "intimelatitude": "",
            "day": "Monday",
            "date": "29-04-19",
            "intime": "00:00",
            "outtimelongitude": "",
            "outtime": "00:00",
            {
              "intimelongitude": "",
              "outtimelatitude": "",
              "outtimelocation": "",
              "intime location": "",
              "intimelatitude": "",
              "day": "Sunday",
              "date": "28-04-19",
              "intime": "00:00",
              "outtimelongitude": "",
              "outtime": "00:00"
            }
          ]
        }
      ]
    }
  ],
  "success": true
}
```

3 API to Clock-In/Clock-Out

3.1 Request Method

POST

API: <REST_ELEAVES_ENDPOINT>/rest/v1/attendance/insert-clockattendance?token=ABC

Eg.

https://eleave.deskera.com/rest/v1/attendance/insert-clockattendance?token=eyJhbGciOiJIUzI1NiIsImNhbGciOiJERUYifQ.eNqqVkpOyc9NzMxTslqSS0uScwrzjNUdJRSq0oULIyNDW1MDM3Nze2rAUAAAD__w.mPCfTUYQfB-OeznXVpp6SUwLo_opvM97fflkSNEBzgM

Parameters	Required/Optional	Description
cdomain/companyid	Required	Company subdomain/companyid
userid/empid	Required	Userid /Employee ID of Employee
location	Optional	To get location from where user is doing clock-in/clock-out
longitutde	Optional	Location parameter
latitude	Optional	Location Parameter
intime	Required	Clock-In OR Clock-Out: Should send intime in case of Clock-In and outtime in case of Clock out
isrealtime	Optional	Should be true if to post time from request. Also need to send clocktime & clockdate
clocktime	Required if isrealtime is false	Time to clock in or clock out (eg. 06:00 PM)
clockdate	Required if isrealtime is false	date format should be yyyy-MM-dd
appflag	Optional	1 for Android else Iphone
modelname	Optional	Model name of device
os	Optional	Operating System of the device
imageName	Optional	Image Name
imageByteArray	Optional	byte array of image

Please note: System will calculate time and date at runtime as per company timezone.

Eg.

POST Request Paramaters

```
{"companyId":"71402c07-222b-4cee-bc4c-8ad28ada8c01","cdomain":"testanshul","userid":"c40aab8e-049f-4156-9139-88d9f6697516","location":"1600 Amphitheatre Pkwy, Mountain View, CA 94043, USA","latitude":37.42199833333335,"longitutde":-122.08400000000002,"intime":"intime","imageName":"IMG_1558611380236.jpg","imageByteArray":"<IMAGE_BYTE_ARRAY>"}
```

Response:

Field		Type
Response		json
Property	Description	
valid	true	
success	true	
alreadyIn	In case there is already clock-In/Clock-Out already will be true else this property won't come in the response	

Note: companyId is required in the current code. Need to change it so it could work with subdomain name also.