Ntimer API Documentation

Important: all API calls must be made by “Post” and can not be done by “Get”.

All responses are enveloped in a "message": [{ array }]

**Example:**

"message": [{

"status": "error",

"error\_message": “RFID tag unknown."

}]

# Logging In

## API Call:

**Logging In:**

/api/method/login?usr=user&pwd=password

## Possible outcome:

* **Logged in:** "message": "Logged In"
* **Not logged in:** long HTML response with text “Your session has expired, please login again to continue". This could mean wrong username or password.

# Punch In or Punch Out:

## API Call:

**Punch In:**

/api/method/erpnext.hr.doctype.employee\_checkin.employee\_checkin.punch\_in?rfid\_tag=tag

**Punch Out:**

/api/method/erpnext.hr.doctype.employee\_checkin.employee\_checkin.punch\_out?rfid\_tag=tag

## Possible errors:

**This RFID Tag is not set in any employee DocType.**

"status": "error",

“error\_message": “RFID tag unknown."

**The employee is not active in the employee DocType.**

“status": “error",

“error\_message": “Employee not active."

**Can not punch in because employee is already punched in.**

“status": “error",

“error\_message": “Already punched in."

**Can not punch out because employee is not punched in.**

“status": “error",

“error\_message": “Not punched in."

**Positive result punch In:**

"status": "success",

"in\_time": "2018-08-24 10:18:36",

"employee\_name": "Michael Miller",

“rfid\_tag": “123456789"

**Positive result punch out:**

"status": "success",

"out\_time": "2018-08-24 10:23:24",

"in\_time": "2018-08-24 10:18:00",

"employee\_name": "Michael Miller",

"duration": "0:05:24",

"rfid\_tag": "123456789"