Request-> Login

Content-Type: application/json

Request Body

```
{
"request":"Login",
"account": "orangerd" ,
"password": "12345",
"requestID": "01"
}
```

Request Key value:
1. account : Put in the account value what you sign on OG device
2. password : Put in the password value what you sign on OG device
3. password:Define the api type please put '1' as default value

Response body

{"result":"true","token":"448a6d6479"}

Response Key value:
1. result : Return to login result
2. token : Store the token and do other operating

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Request-> GetSensorData

Content-Type: application/json
Request Body
{
"request":"GetSensorData",
"account": "value" ,
"token": "value" ,
"plate-Number": "value "
}

Request Key value:

1. plate-Number: Use plate-Number as key to find sensor data
2. token : Put in the token you got in the login api

Response body

[{"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"11111111","pressure":"20","temp":"28","wheelPosition":"LF","bat":"ok","season":"0","depth":"1"},
{"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"RF","bat":"NA","season":"0","depth":"NA"},
{"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"RR","bat":"NA","season":"0","depth":"NA"},
{"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"LR","bat":"NA",

"season":"0","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"LF","bat":"NA","season":"1","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"RF","bat":"NA","season":"1","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"RR","bat":"NA","season":"1","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"LR","bat":"NA","season":"1","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"LF","bat":"NA","season":"2","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"RF","bat":"NA","season":"2","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"RR","bat":"NA","season":"2","depth":"NA"},

    {"lastUpdate":"2019/10/20 10:53:00","plateNumber":"y3-5427","sensorID":"NA","pressure":"NA","temp":"NA","wheelPosition":"LR","bat":"NA","season":"2","depth":"NA"}]

Key value:

1. Season : (0,1,2) 0 = Summer tire , 1 = Winter tire , 2 = All season
2. Bat : ok or low

Note:

  Always respond 12 count of data , The NA is default value if data have not been set

Request-> GetUpdateSensorData

Content-Type: application/json
Request Body
```
{
"request":"GetUpdateSensorData",
"account": "orangerd" ,
"token": "78823c8cce" ,
"lastUpdateTime": "2021/03/20 00:00:00 " ,
"plate-Number": "HP-HH172"
}
```

Request Key value:

3. plate-Number: Use plate-Number as key to find sensor data
4. token : Put in the token you got in the login api

Response body

{"plateNumber":"y3-5427","sensorID":"C4DDC18E","pressure":"2.0","temp":"26","wheelPosition":"LF","depth":"8","season":"1","bat":"1","lastUpdate":"2021-02-23 08:03:22"},{"plateNumber":"y3-5427","sensorID":"C4E873CC","pressure":"2.0","temp":"27","wheelPosition":"RF","depth":"1","season":"1","bat":"1","lastUpdate":"2021-02-23 08:03:22"},{"plateNumber":"y3-5427","sensorID":"C4E92B81","pressure":"2.0","temp":"27","wheelPosition":"RR","depth":"6","season":"1","bat":"1","lastUpdate":"2021-02-23 08:03:22"},{"plateNumber":"y3-5427","sensorID":"30678888","pressure":"2.0","temp":"27","wheelPosition":"LR","depth":"6","season":"1","bat":"2","lastUpdate":"2021-02-23 08:03:22"},{"plateNumber":"y3-5427","sensorID":"55555555","pressure":"0.0","temp":"0","wheelPosition":"LF","depth":"8","season":"0","bat":"NA","lastUpdate":"2021-03-19 03:04:06"},{"plateNumber":"y3-5427","sensorID":"7DC7FBC5","pressure":"327.0","temp":"164","wheelPosition":"RF",

"depth":"4","season":"0","bat":"low","lastUpdate":"2021-03-19 03:04:06"},{"plateNumber":"y3-5427","sensorID":"abcdef","pressure":"20","temp":"26","wheelPosition":"RR","depth":"3","season":"0","bat":"1","lastUpdate":"2021-03-19 03:04:07"},{"plateNumber":"y3-5427","sensorID":"0F640052","pressure":"2.0","temp":"28","wheelPosition":"LR","depth":"4","season":"0","bat":"ok","lastUpdate":"2021-03-19 03:04:07"}]

Key value:

3. Season : (0,1,2) 0 = Summer tire , 1 = Winter tire , 2 = All season
4. Bat : ok or low

Note:

Only response the data what sensor has been updated

Request-> **AddSensorData**

Content-Type: application/json

Request Body

```
{
"request":"AddSensorData",
"account":"orangerd",
"token": "value" ,
"plate-Number": "y3-5427 " ,
"wheelPosition":"LF",
"tem":"26",
"pre":"20",
"bat":"ok",
"sensorid":"abcdef",
"depth":"10",
"season":"0",
"updateTime":"2019/10/20 10:53:00"
}
```

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Key value:

5. Bat : ok or low
6. Pre: unit ->Kpa
7. Tem: unit ->.C
8. Depth: unit ->mm
9. Token: Put the token what you get in login API
10. Account: Put the account what you sign in on ogenius device
11. Wheel Position : (LF,RF,RR,LR)
12. Season : (0,1,2) 0 = Summer tire , 1 = Winter tire , 2 = All season

Response Body
{
"result":"true"
}

Request-> AddAppointment

Content-Type: application/json
Request Body

{"request":"AddAppointment","appoint":"2021-04-19
10:49:00","defaultSeason":"summer","Booking_Information":{"name":"jianzhi.wang","plate":"y3-
5427","mail":"sam38124@gmail.com"},"Vehicle_Information":{"HSN":"1234","TSN":"4567","Maker":"ABARTH","Model":"124","Year":"2016->","Leasing":"YES"},"Summer_Tire":{"storageDate":"2019/10/20
10:53:00","location":"4-1","tire_Size":"13inch","quantity":"4","measureDate":"2019/10/20
10:53:00","lfDepth":"1","rfDepth":"2","rrDepth":"3","lrDepth":"4"},"Winter_Tire":{"storageDate":"2019/10/21 10:53:00","location":"4-1","tire_Size":"13inch","quantity":"3","measureDate":"2019/10/21
10:53:00","lfDepth":"5","rfDepth":"6","rrDepth":"7","lrDepth":"NA"},"ALL_Tire":{"storageDate":"2019/10/22 10:53:00","location":"4-1","tire_Size":"13inch","quantity":"3","measureDate":"2019/10/22

10:53:00","lfDepth":"NA","rfDepth":"NA","rrDepth":"NA","lrDepth":"NA"},"ogAccount"
:"orangerd","HaveMmy":"true",
"token":"asbasnew2"
}

Key value:

1. Appoint: Put the appoint time (Date Format:yyyy-mm-dd hh:mm:ss)
2. Default Season: Set the default appear tire on O-genius (Value:1.summer 2.winter 3.allSeason)
3. Book_Information: Put the user information include name/plate/mail
4. Vehicle_Information: Put the car information include HSN/TSN/Maker/Model/Year/Leasing
5. Summer Tire/Winter Tire/All Tire: Put the season tire store information include StorageDate/Location/Tire_Size/Quantity/MeasureDate/LfDepth(Front left tire)/RfDepth(Front right tire)/RrDepth(Rear right tire)/ LrDepth (Rear left tire)
   If no data please put NA as default value
6. ogAccount:Put the og account what you sign in on o-genius
7. HaveMmy:If you have Make/Model/Year please put true else put false

Response Body
{
"result":"true"
}