ACMS API Guide

Release 0.1

**VERSION’S HISTORY**

| **Version** | **Date** | **Creator** | **Modifications object** |
| --- | --- | --- | --- |
|  |  |  |  |

M-must 必须填写的域 O-option 自选填写的域 C-conditional 某条件成立时必须填写的域

# Account Management

## Registration

### Purpose

The goal of this endpoint is to register an account.

### Access:

**HTTP Verb :** POST

**Request URL :** /user/registeredUser/{phoneNum}/{password}

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| phoneNum | M | String | - |
| password | M | String |  |

### Input sample

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "保存成功",

"status": 200

}

Failed sample

{

"msg":"账号已存在",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Login

### Purpose

Login by phone number and password ,return acessToken and store device no

### Access:

**HTTP Verb :** POST

**Request URL :** /login/login/{phoneNum}/{password}/{deviceNo}

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| phoneNum | M | String | - |
| password | M | String |  |
| deviceNo | M | String | Iphone device no |

### Input sample

### Output format

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attributes** | | **M/O/C** | **Format** | **Description / Comments** |
| msg | | M | String | Server feedback message |
| status | | M | Int | status code(success or failed) |
| data | | - |  |  |
|  | accessToken | M | String | Jwt token |

### Output sample

Success sample

{

"msg": "登录成功",

"data": {

"accessToken": "eyJhbGciOiJIUzI1NiJ9.eyJqdGkiOiIxODEwMTY3MTk5MCIsImlhdCI6MTUzOTU3NDY1MSwic3ViIjoid3d3LmlkbS5jb20iLCJpc3MiOiJ3d3cuYXBwLmNvbSIsImV4cCI6MTUzOTU3NjQ1MX0.RA2AAJB2tDdpKPaVw38WBUvLaJehiE89Njv60QOw42U"

},

"status": 200

}

Failed sample

{

"msg":"账号不能为空",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Reset user password

### Purpose

Reset user password by Verification Code.

### Access:

**HTTP Verb :** POST

**Request URL :** /user/resetUserPassword/{phoneNum}/{newPassword}

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| phoneNum | M | String | - |
| password | M | String |  |

### Input sample

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "修改成功",

"status": 200

}

Failed sample

{

"msg":"密码不能为空",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Modify user password

### Purpose

Modify user password by accessToken .

### Access:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /user/modifyUserPassword/{oldPassword}/{newPassword}

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| oldPassword | M | String | - |
| newPassword | M | String |  |

### Input sample

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "修改成功",

"status": 200

}

Failed sample

{

"msg":"密码不能为空",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Modify User Information

### Purpose

Modify user information by phone number.

### Access:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /user/modifyUserInfo

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| type | C | String | { "NICK\_NAME","REAL\_NAME","SEXUAL","EMEY\_CONTACT" } |
| value | C | String |  |

### Input sample

{"type":"SEXUAL","value":"男"}

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "修改成功",

"status": 200

}

Failed sample

{

"msg":"修改属性不存在",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Create verification code

### Purpose

Create verification by phoneNum .

### Access:

**HTTP Verb :** POST

**Request URL :** /verficationCode/getVerificationCode/{phoneNum}

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| phoneNum | M | String | - |

### Input sample

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "发送成功",

"status": 200,

}

Failed sample

{

"msg":"发送失败",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Check verification code

### Purpose

Check verification by phoneNum .

### Access:

**HTTP Verb :** POST

**Request URL :** /verficationCode/checkVerificationCode/{phoneNum}/{ verificationCode}

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| phoneNum | M | String | - |
| verificationCode | M | String |  |

### Input sample

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "验证成功",

"status": 200,

}

Failed sample

{

"msg":"验证码不正确",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Upload&Update Profile Photo

### Purpose

Update and save user profile photo.

### Access:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /user/uploadProfilePhoto

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| imageFile | M | MutipartFile | png,jpg,gif flie |

### Input sample

### Output sample

Success sample

{

"msg": "保存成功",

"status": 200,

}

Failed sample

{

"msg":"文件类型错误",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Get User Information

### Purpose

Get user information according to Login Token.

### Access:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /use/getUserInfo

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |

### Input sample

### Output sample

Success sample

{

"createDate": "2018-10-16 00:00:00",

"emeyContact": null,

"isEffctive": 1,

"nickName": "LILEI",

"password": "21232f297a57a5a743894a0e4a801fc3",

"phoneNum": "13312675004",

"profilePhoto": "127.0.0.1:8888/bf57f345-cab8-4fbb-b7f9-eccdb5cf14cf/1540193681718.jpg",

"realName": "leo",

"sexual": null,

"token": null,

"userId": "bf57f345-cab8-4fbb-b7f9-eccdb5cf14cf"

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## LOGOUT

### Purpose

User logout and notice service.

### Access:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /use/logout

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |

### Output sample

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

Success sample

{

"msg": "登出成功",

"status": 200,

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

# Vehicle Manager

## Get Vehicles List by User

### Purpose

Get vehicle information according to Login TokenAccess:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /vehicle/getVehicleList

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |

### Input sample

### Output format

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Attributes** | | **M/O/C** | **Format** | **Description / Comments** |
| msg | | M | String | Server feedback message |
| status | | M | Int | status code(success or failed) |
| data | | - |  |  |
|  | unBindingDate | O | String | Unbinding time |
|  | engineNum | O | String | Engine number |
|  | vin | O | String | Vin number |
|  | bindingDate | O | String | Bingding time |
|  | defaulatVehicle | M | Int | Is defalut vehicle for user |
|  | plateNum | M | String | Plate number for vehicle |
|  | ifEffctive | M | Int | Current infomation is effctive or not |
|  | userId | M | String | User id |
|  | createDate | C | String | Informate create time |
|  | lastSixPhoneNum | C | String | User reserved mobile phone number after 6 digits |

### Output sample

Success sample

{

"msg": "获取车辆信息成功",

"data": [

{

"unBindingDate": "",

"engineNum": "BWDBC6DB0AA",

"vin": "A123456789054321",

"bindingDate": "2018-10-31 00:00:00",

"defaultVehicle": 0,

"plateNum": "沪A64634",

"isEffctive": 1,

"userId": "e5792c05-fa1c-4ffa-9adb-aa66f2cd8863",

"createDate": "2018-10-31 00:00:00",

"lastSixPhoneNum": "671990"

},

{

"unBindingDate": "",

"engineNum": "RMDBC6DB0AA",

"vin": "B323456789054321",

"bindingDate": "2018-10-31 00:00:00",

"defaultVehicle": 1,

"plateNum": "沪A22213",

"isEffctive": 1,

"userId": "e5792c05-fa1c-4ffa-9adb-aa66f2cd8863",

"createDate": "2018-10-31 00:00:00",

"lastSixPhoneNum": "671990"

}

],

"status": 200

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Binding Vehicle to user

### Purpose

Binding vehicle information to user according to Login TokenAccess:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /vehicle/bindVehicle

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| plateNum | M | String | Plate number for vehicle |
| vin | M | String | Vin number for vehicle |
| engineNum | M | String | Engine number for vehicle |
| lastSixPhoneNum | M | String | After the user reserved the phone six |

### Input sample

{

"plateNum":"沪A22213",

"vin":"B323456789054321",

"engineNum":"RMDBC6DB0AA",

"lastSixPhoneNum":"671990"

}

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "绑定车辆信息成功",

"status": 200,

}

Failed sample

{

"msg":"车辆已被绑定",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Unbinding Vehicle by User

### Purpose

Unbinding vehicle information to user according to Login TokenAccess:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /vehicle/unbindVehicle

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| plateNum | M | String | Plate number for vehicle |

### Input sample

{

"plateNum":"沪A22213",

}

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "解绑车辆信息成功",

"status": 200,

}

Failed sample

{

"msg":"多辆绑定车辆不能解绑默认车辆",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}

## Set Default Vehicle by User

### Purpose

Set Default vehicle to user according to Login TokenAccess:

**HTTP Verb :** POST

**Headers :**

**{**

**KEY:”accessToken”**

**Value:${acessToken}**

**}**

**Request URL :** /vehicle/unbindVehicle

### Input format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| plateNum | M | String | Plate number for vehicle |

### Input sample

{

"plateNum":"沪A22213",

}

### Output format

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **M/O/C** | **Format** | **Description / Comments** |
| msg | M | String | Server feedback message |
| status | M | Int | status code(success or failed) |

### Output sample

Success sample

{

"msg": "设置默认车辆成功",

"status": 200,

}

Failed sample

{

"msg":"车辆信息不存在",

"status":400

}

Server Error

{

"msg":"服务器内部错误",

"status":500

}