# API documentation

API list manager

---

# Reomote Rooms

## Reomote_Rooms - Get All Rooms

`GET`

```
/api/room
```

**Header**

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-Reomote_Rooms-RoomGetAll-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

- Success-Response: [#success-examples-Reomote_Rooms-RoomGetAll-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status": "OK",
  "message": [
          {
            "RoomName": "Room1",
            "RoomId": 1
          },
          {
            "RoomName": "Room2",
            "RoomId": 2
          },
        ]
  }
```

- Error-Response: [#error-examples-Reomote_Rooms-RoomGetAll-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "No rooms are found"
}
```

## Reomote_Rooms - Get Room by ID

`GET`

```
/api/room/:id
```

**Header**

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-Reomote_Rooms-GetRoomById-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| id | string | user id |

- Success-Response: [#success-examples-Reomote_Rooms-GetRoomById-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status": "OK",
  "message": {
            "RoomName": "Room1",
            "UserId": 1
          }
 }
```

- Error-Response: [#error-examples-Reomote_Rooms-GetRoomById-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "Room ID <id> not found"
}
```

# Reomote_Rooms - Get Room by name

`GET`

```
/api/room/:name
```

## Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-Reomote_Rooms-GetUserByName-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| name | string | room name |

- Success-Response: [#success-examples-Reomote_Rooms-GetUserByName-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status": "OK",
  "message": {
            "RoomName": "Room1",
            "UserId": 1
          }
 }
```

- Error-Response: [#error-examples-Reomote_Rooms-GetUserByName-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
   "status" : "FAIL",
   "message": "Room <name> not found"
}
```

## Reomote_Rooms - Room Add

`POST`

`/api/room`

### Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-Reomote_Rooms-RoomAdd-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

### Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| room | String | room name |

- Request-Example: [#parameter-examples-Reomote_Rooms-RoomAdd-1_0_0-0]

```
{
    "roomname": "Room1"
}
```

- Success-Response: [#success-examples-Reomote_Rooms-RoomAdd-1_0_0-0]

```
HTTP/1.1 200 OK
{
    "status" : "OK",
    "message": "Room <name> added added successfuly"
}
```

- Error-Response: [#error-examples-Reomote_Rooms-RoomAdd-1_0_0-0]

```
HTTP/1.1 409 CONFLICT
{
   "status" : "FAIL",
   "message": "Room <name> already exists"
}
```

## Reomote_Rooms - Room Delete

`DELETE`

`/api/room/:id`

### Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-Reomote_Rooms-RoomDelete-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| room | number | id |

- Success-Response: [#success-examples-Reomote_Rooms-RoomDelete-1_0_0-0]

```
HTTP/1.1 200 OK
{
    "status" : "OK",
    "message": "Room ID <id> deleted successfuly"
}
```

- Error-Response: [#error-examples-Reomote_Rooms-RoomDelete-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "Room ID <id> not found"
}
```

# User

## User - Get All Users

`GET`

```
/api/user
```

### Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-User-UserGetAll-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

- Success-Response: [#success-examples-User-UserGetAll-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status": "OK",
  "message": [
            {
              "UserName": "Pepe",
```

```
          "UserId": 1,
          "UserPasswd": "c9c244e48caa6456183125d7d9359f4b",
          "UserRole": "admin"
        },
        {
          "UserName": "Juan",
          "UserId": 2,
          "UserPasswd": "c9c244e48caa6456183125d7d9359f4b",
          "UserRole": "user"
        }
      ]
  }
```

- Error-Response: [#error-examples-User-UserGetAll-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "User ID <id> not found"
}
```

# User - Get User by ID

`GET`

```
/api/user/:id
```

## Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-User-GetUserById-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| id | string | user id |

- Success-Response: [#success-examples-User-GetUserById-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status": "OK",
  "message": {
          "UserName": "Pepe",
          "UserId": 1,
          "UserPasswd": "c9c244e48caa6456183125d7d9359f4b",
          "UserRole": "admin"
        }
  }
```

- Error-Response: [#error-examples-User-GetUserById-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "User ID <id> not found"
}
```

# User - Get User by name

`GET`

```
/api/user/:name
```

## Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-User-GetUserByName-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| name | string | user name |

- Success-Response: [#success-examples-User-GetUserByName-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status": "OK",
  "message": {
          "UserName": "Pepe",
          "UserId": 1,
          "UserPasswd": "c9c244e48caa6456183125d7d9359f4b",
          "UserRole": "admin"
          }
  }
```

- Error-Response: [#error-examples-User-GetUserByName-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "User <name> not found"
}
```

# User - User Add

`POST`

```
/api/user
```

## Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-User-UserAdd-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| username | String | Logon user name |
| userpasswd | String | Logon user password |
| userrole | String | User role |

- Request-Example: [#parameter-examples-User-UserAdd-1_0_0-0]

```
{
    "username": "Pepe",
    "userpasswd": "YzljMjQ0ZTQ4Y2FhNjQ1NjE4MzEyNWQ3ZDkzNTlmNGI=",
    "userrole": "user"
}
```

- Success-Response: [#success-examples-User-UserAdd-1_0_0-0]

```
HTTP/1.1 200 OK
{
    "status" : "OK",
    "message": "User <username> added added successfuly"
}
```

- Error-Response: [#error-examples-User-UserAdd-1_0_0-0]

```
HTTP/1.1 409 CONFLICT
{
  "status" : "FAIL",
  "message": "User <username> already exists"
}
```

# User - User Delete

**DELETE**

```
/api/user/:id
```

## Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-User-UserDelete-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

## Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| username | number | id |

- Success-Response: [#success-examples-User-UserDelete-1_0_0-0]

```
HTTP/1.1 200 OK
{
    "status" : "OK",
```

```
    "message": "User ID <id> deleted successfuly"
}
```

- Error-Response: [#error-examples-User-UserDelete-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "User ID <id> not found"
}
```

## User - User Logoff

`POST`

```
/api/user/logoff/:name
```

### Header

| Campo | Tipo | Descripción |
|-------|------|-------------|
| Autohization | String | User token access-key. |

- Header-Example: [#header-examples-User-UserLogoff-1_0_0-0]

```
{
    "Authorization": "Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJVc2VyTmFtZSI6IlBlcGUiLCJpYXQiOjE1MjcxMzg5NzgsImV4
}
```

### Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|
| name | string | user name |

- Success-Response: [#success-examples-User-UserLogoff-1_0_0-0]

```
HTTP/1.1 200 OK
{
  "status"  : "OK",
  "message" : "User <name> logoff successfuly"
 }
```

- Error-Response: [#error-examples-User-UserLogoff-1_0_0-0]

```
HTTP/1.1 404 NOT FOUND
{
  "status" : "FAIL",
  "message": "User <name> not found"
}
```

## User - User Logon

`POST`

```
/api/user/login
```

### Parámetro

| Campo | Tipo | Descripción |
|-------|------|-------------|

| Campo | Tipo | Descripción |
|---|---|---|
| username | String | Logon user name |
| userpasswd | String | Logon user password |

- Request-Example: [#parameter-examples-User-UserLogin-1_0_0-0]

```
{
    "username": "Pepe",
    "userpasswd": "YzljMjQ0ZTQ4Y2FhNjQ1NjE4MzEyNWQ3ZDkzNTlmNGI="
}
```

- Success-Response: [#success-examples-User-UserLogin-1_0_0-0]

```
HTTP/1.1 200 OK
{
    "status" : "OK",
    "message": {
                "UserName": "Pepe",
                "Token"   :,
                "Role"    : "admin",
                "wssURL"  : "wss://web.com"
               }
}
```

- Error-Response: [#error-examples-User-UserLogin-1_0_0-0]

```
HTTP/1.1 401 UNAUTHORIZED
{
  "status" : "FAIL",
  "message": "Authorization Fail"
}
```