

USER ENTITY

Intro to Users Entity

The User entity methods give access to retrieving, adding, modifying, and deleting user accounts within the company account.

Header Key/Value Pairs

- The “Lookup-Key” value should be one of two values: “ExternalID” or “UserID”. This specifies which property value you want to use to look up an entity, in cases where you are accessing a single entity.
- If no Lookup-Key pair exists, or it does but the value matches neither option above, the API will assume a Lookup-Key of “ExternalID”
- These apply to GET, PUT, and DELETE when a specific entity is specified.

Query Parameters (URL structure):

URL Structure:

[https://api.workschedule.app/User/\[UserID or ExternalID\]](https://api.workschedule.app/User/[UserID or ExternalID])

- UserID or ExternalID (*the lookup value*)
 - Specify the value for the property (UserID or ExternalID) that you chose in the header key/value pair for “Lookup-Key”
 - If excluded, all Users will be retrieved in the company account.

VERB: GET

Sample URL #1

<https://api.workschedule.app/User?SessionID=12345&SP=1234567890123>

Sample JSON Response #1

```
{
```

```
"ErrorCode": 0,
"ErrorMessage": "Success",
"ItemResponses": "[]",
"Items": [
  {
    "EMail": "bob.smith@programworks.com",
    "ExternalID": "",
    "FirstName": "Bob",
    "LastName": "Smith",
    "WorkPhone": "",
    "UserID": "1",
    "UserName": "bsmith",
    "UserNotes": "",
    "RoleInfo": {
      "RoleID": 4,
      "RoleDescription": "Administrator"
    }
  },
  {
    "ExternalID": "",
    "FirstName": "Sally",
    "LastName": "MacKay",
    "WorkPhone": "4075551234",
    "UserID": "2",
    "UserName": "SallyMacKay",
    "UserNotes": "",
    "RoleInfo": {
      "RoleID": 1,
      "RoleDescription": "Employee"
    }
  },
  {
    "EMail": "mary.carney@programworks.com",
    "ExternalID": "",
    "FirstName": "API",
    "LastName": "User",
    "WorkPhone": "",
    "UserID": "6",
    "UserName": "APIUser",
    "UserNotes": "",
    "RoleInfo": {
      "RoleID": 4,
      "RoleDescription": "API Role"
    }
  }
]
}
```

Sample Header Pair

Lookup-Key: UserID

Sample URL #2

<https://api.workschedule.app/User/5?SessionID=12345&SP=1234567890123>

Sample JSON Response #2

```
{
  "ErrorCode": 0,
  "ErrorMessage": "Success",
  "ItemResponses": "[]",
  "Items": {
    "ExternalID": "32",
    "FirstName": "Bob",
    "LastName": "Smith",
    "WorkPhone": "",
    "UserID": "5",
    "UserNotes": "",
    "RoleInfo": {
      "RoleID": 1,
      "RoleDescription": "Employee"
    }
  }
}
```

VERB: POST

JSON Parameters:

- UserName*

Notes: Must be unique, greater than 6 characters, and alphanumeric.

- FirstName*
- LastName*
- Email*
- RoleID*
- MainDepartment*
- HomePhone
- WorkPhone
- MobilePhone

Sample URL

<https://api.workschedule.app/User?SessionID=12345&SP=1234567890123>

Sample JSON request in HTTPS body

```
{
  "UserName": "RyanS",
  "FirstName": "Ryan",
  "LastName": "Swift",
  "Email": "ryan.swift@programworks.com ",
  "RoleID": "1",
  "MainDepartment": "1",
  "HomePhone": "3055555928"
}
```

Sample JSON Response

```
{
  "ErrorCode": 0,
  "ErrorMessage": "Success",
  "ItemResponses": null,
  "Items": "[]"
}
```

VERB: PUT

JSON Parameters

- UserName

Notes: Must be unique, greater than 6 characters, and alphanumeric.

- FirstName
- LastName
- Email
- RoleID
- MainDepartment
- HomePhone
- WorkPhone
- MobilePhone

Sample URL

<https://api.workschedule.app/User/1?SessionID=12345&SP=1234567890123>

Sample JSON request in HTTPS body

```
{  
  "HomePhone": "9545555928"  
}
```

Sample JSON Response

```
{  
  "ErrorCode": 0,  
  "ErrorMessage": "Success",  
  "ItemResponses": null,  
  "Items": "[]"br/>}
```

VERB: DELETE

Sample URL

<https://api.workschedule.app/User/1?SessionID=12345&SP=1234567890123>

Sample JSON Response

```
{  
  "ErrorCode": 0,  
  "ErrorMessage": "Success",  
  "ItemResponses": null,  
  "Items": "[]"br/>}
```