

User

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Users

Tags: API

Versions

Versions this documentation is relevant for:

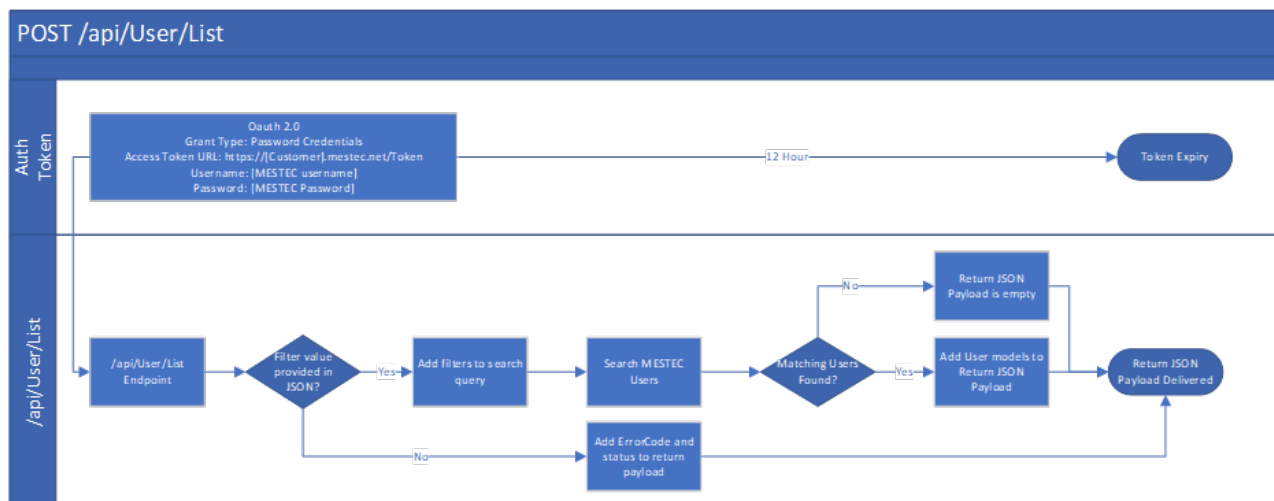
- 8.8.0+

List

The User – List API call reads existing Users from Eyelit MES-M. The data can be filtered based on the parameters passed in the body of the JSON packet giving the flexibility to search for one or multiple Users.

Using the User – List API call has no impact on the data within the given Eyelit MES-M application, it is read-only.

Figure 1 - Logic within User/List API Call



Data Prerequisites

There is no data required in Eyelit MES-M to act as a pre-requisite to make the API call to list Users, although to be able to call the Public API, a user must exist in the given Eyelit MES-M environment. It is, therefore, not possible to receive an empty payload in response when calling this endpoint.

Request

Table 1 shows the method and endpoint required to make the API call to list Users.

Table 1 - Outbound Message Detail for User- List

Method	URL Structure	Endpoint
POST	https://[environment].mestec.net	/api/User/List

The body of the payload should follow the format below:

```
{
  "id": 0,
  "username": "string",
  "suid": "string"
}
```

See Table 2 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 2 - Parameter Information for User- List

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
ID	useraccount.id	NUMBER	No	N/A	Exact
Username	useraccount.username	VARCHAR2(50 BYTE)	No	No	Exact
SUID	useraccount.suid	VARCHAR2(200 BYTE)	No	No	Exact

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To list Users where the username is equal to 'Adam':

```
{
  "Username": "Test_API"
}
```

Response

When using the User – List API call, if any data has been found in Eyelit MES-M that meets the parameter values passed in the original payload, a JSON payload will be returned containing data in the following structure:

```
[
  {
    "id": 0,
    "suid": "string",
    "username": "string",
    "fullname": "string",
    "title": "string",
    "password": "string",
    "email": "string",
    "principalName": "string",
    "userGroups": [
      {
        "userGroup": "string",
        "isPrimary": true
      }
    ],
    "team": "string",
    "shiftSelection": "string",
    "manager": "string",
    "holidayEntitlement": 0,
    "enabled": true,
    "IsLockedOut": false,
    "trustDeviceOnly": true,
    "managePayHours": true,
    "fullscreenMode": true,
    "forcePasswordChange": true
  }
]
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

No results were found that matched given parameters:

```
{
}
```

Single User found that matched given parameters:

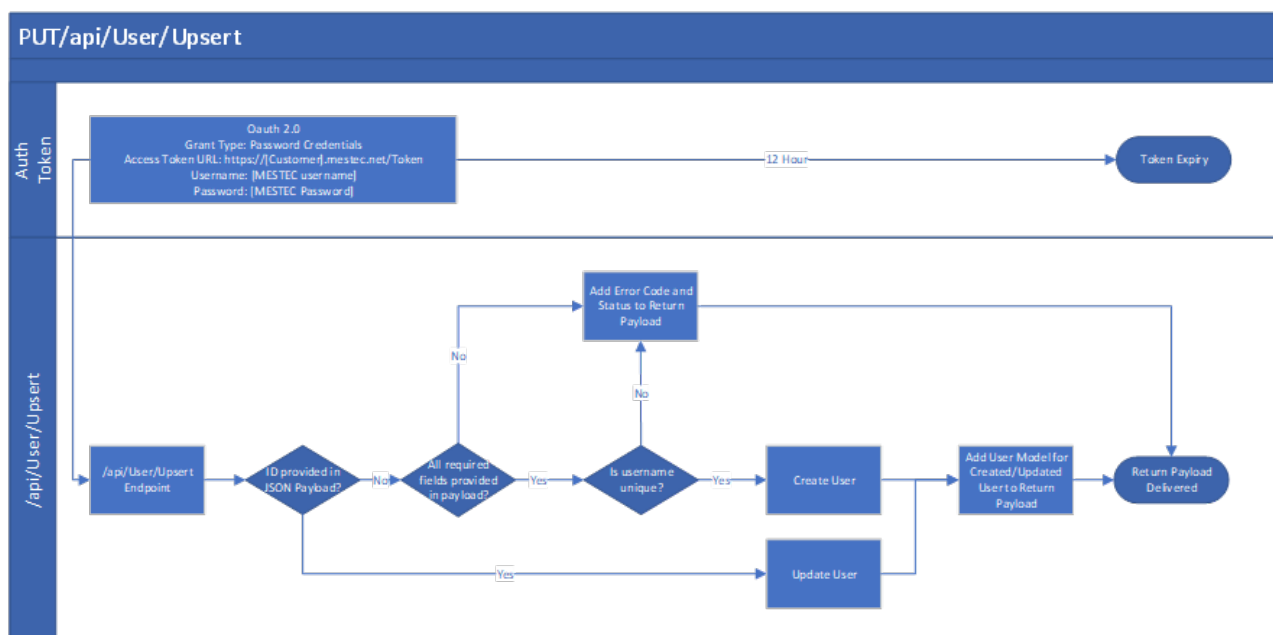
```
[
  {
    "ID": 1794,
    "SUID": "Test_API",
    "Username": "Test_API",
    "Fullname": "Test_API",
    "Email": "Test_API@eyelit.com",
    "UserGroups": [
      {
        "UserGroup": "System (Mestec)",
        "IsPrimary": true
      }
    ],
    "Team": "Default Team asd",
    "ShiftSelection": "DoNotPrompt",
    "Enabled": true,
    "IsLockedOut": false,
    "TrustDeviceOnly": false,
    "ManagePayHours": false,
    "FullscreenMode": false,
    "ForcePasswordChange": false
  }
]
```

Upsert

When User ID is provided, the User – Upsert API call checks if a User with the given ID already exists. If it does, appropriate fields are updated in the matching User in Eyelit MES-M.

When the User ID is omitted, a new User will be created.

Figure 2 – Logic within User/Upsert API Call



Data Prerequisites

To create a user, the Team, User Group and, if required, Manager must already exist in Eyelit MES-M.

Request

Table 3 shows the method and endpoint required to make the API call to Upsert Users.

Table 3 - Outbound Message Detail for User - Upsert

Method	URL Structure	Endpoint
PUT	https://[environment].mestec.net	/api/User/Upsert

The body of the payload should follow the format below.

```
{
  "id": 0,
  "suid": "string",
  "username": "string",
  "fullname": "string",
  "title": "string",
  "password": "string",
  "email": "string",
  "principalName": "string",
  "userGroup": "string",
  "team": "string",
  "shiftSelection": "string",
  "manager": {
    Data : "string"
  },
  "holidayEntitlement": 0,
  "enabled": true,
  "isLockedOut": true,
  "trustDeviceOnly": true,
  "managePayHours": true,
  "fullscreenMode": true,
  "forcePasswordChange": true
}
```

See Table 4 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 4 - Parameter Information for User - Upsert

Parameter Name	Data Mapping	Data Type	Mandatory		Case Sensitive	Match Type
			Create	Update		
id	useraccount.id	NUMBER	N/A	Yes	N/A	Exact
suid	useraccount.suid	VARCHAR2(200 BYTE)	No	No	N/A	N/A
username	Useraccount.username	VARCHAR2(50)	Yes	No	N/A	N/A
fullname	Useraccount.fullname	VARCHAR2(50)	Yes	No	N/A	N/A
title	Useraccount.title	VARCHAR2(50)	No	No	N/A	N/A
password	Useraccount.password	VARCHAR2(250)	Yes	No	Yes	N/A
email	Useraccount.email	VARCHAR2(100)	No	No	N/A	N/A

principalName	Useraccount.principalname	ARCHAR2(100 BYTE)	No	No	N/A	N/A
usergroup	User_usergroup.usergroupid	VARCHAR2(50)	Yes	No	No	Exact
team	User_team.teamid	VARCHAR2(50)	Yes	No	No	Exact
shiftselection	Useraccount.shiftselectionmodeid	VARCHAR2(50) DoNotPrompt/None/Prompt	Yes	No	No	Exact
manager	N/A	JSON Field	No	No	N/A	N/A
Data	Useraccount.fullname	VARCHAR2(50)	No	No	No	Exact
holidayentitlement	Useraccount.holidayentitlement	NUMBER	No	No	N/A	N/A
enabled	Useraccount.isenabled	BOOL	Yes	No	N/A	N/A
isLockedOut	Useraccount.islockedout	BOOL	No	No	N/A	N/A
trustdeviceonly	Useraccount.trusteddevicesonly	BOOL	Yes	No	N/A	N/A
managepayhours	Useraccount.managepayhours	BOOL	Yes	No	N/A	N/A
fullscreenmode	Useraccount.fullscreen	BOOL	Yes	No	N/A	N/A
forcepasswordchange	Useraccount.passwordchangedt	BOOL	Yes	No	N/A	N/A

Sample Request

See below for sample use cases with examples of the JSON payload format required.

To create a User:

```
{
  "SUID": "Public API Test User",
  "Username": "apitestuser2",
  "Fullname": "Public API Test User",
  "email": "Test_API123@eyelit.com",
  "principalName": "Test_API123@eyelit.com",
  "UserGroup": " System (Mestec)",
  "Team": "Default Team asd",
  "ShiftSelection": "None",
  "Enabled": true,
  "isLockedOut": true,
  "TrustDeviceOnly": false,
  "ManagePayHours": true,
  "FullscreenMode": false,
  "ForcePasswordChange": false
}
```

To update shift selection mode by ID:

```
{
  "id": 1642,
  "shiftSelection": "Prompt"
}
```

Response

When using the User – Upsert API call, if a User has been created or updated, a JSON payload will be returned containing data in the following structure:

```
{
  "id": 0,
  "suid": "string",
  "username": "string",
  "fullname": "string",
  "title": "string",
  "password": "string",
  "email": "string",
  "principalName": "string",
  "userGroups": [
    {
      "userGroup": "string",
      "isPrimary": true
    }
  ],
  "team": "string",
  "shiftSelection": "string",
  "manager": "string",
  "holidayEntitlement": 0,
  "enabled": true,
  "isLockedOut": false,
  "trustDeviceOnly": true,
  "managePayHours": true,
  "fullscreenMode": true,
  "forcePasswordChange": true
}
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

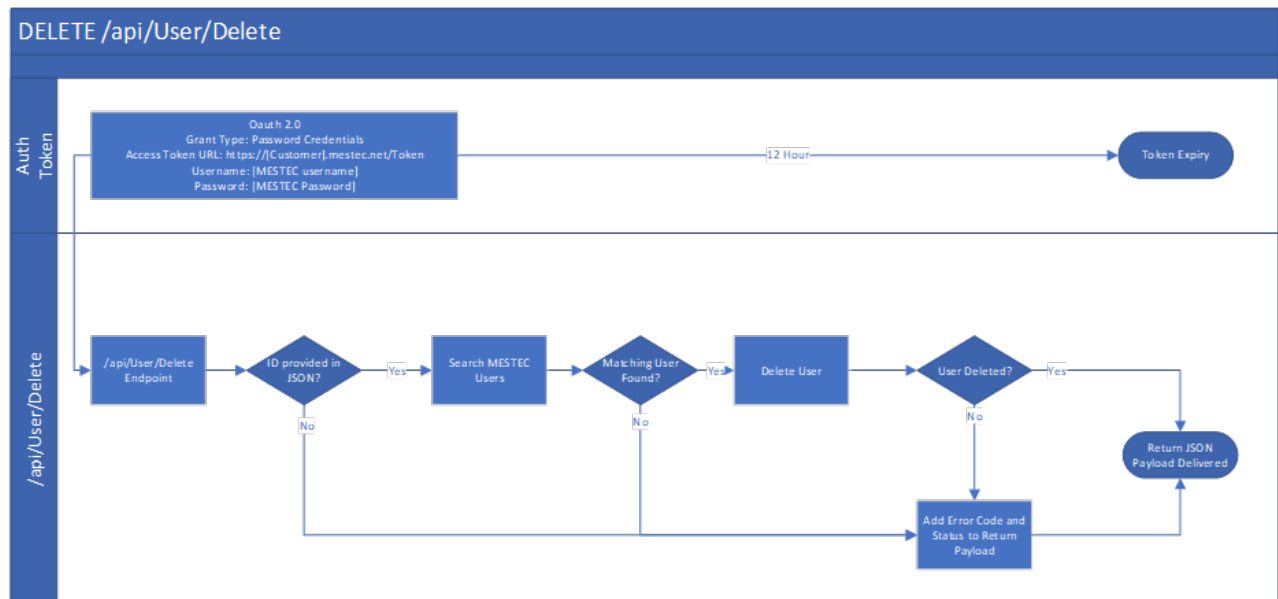
```
{
  "ID": 1642,
  "SUID": "Public API Test User",
  "Username": "apitestuser2",
  "Fullname": "Public API Test User",
  "Email": "Test_API123@eyelit.com",
  "UserGroups": [
    {
      "UserGroup": "System (Mestec) ",
      "IsPrimary": true
    }
  ],
  "Team": "Default Team asd",
  "ShiftSelection": "None",
  "Enabled": true,
  "IsLockedOut": true,
  "TrustDeviceOnly": false,
  "ManagePayHours": true,
  "FullscreenMode": false,
  "ForcePasswordChange": false
}
```

Delete

The User – Delete API call attempts to delete a User. A User can only be deleted if it has never been used. If someone logs into the account, an attendance log will begin and the user can no longer be deleted.

Figure 3 shows the logic used within the User – Delete API call.

Figure 3 - Logic within User/Delete API Call



Data Prerequisites

In order to delete a User it must exist in Eyelit MES-M and not have been used.

Request

Table 5 shows the method and endpoint required to make the API call to delete a User.

Table 5 - Outbound Message Detail for User - Delete

Method	URL Structure	Endpoint
DELETE	https://[environment].mestec.net	/api/User/Delete

The body of the payload should follow the format below.

```

{
  "id": 0
}

```

See Table 6 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 6 - Parameter Information for User - Delete

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
ID	user.id	NUMBER	Yes	N/A	Exact

Sample Request

See below for sample use cases with examples of the JSON payload format required.

Delete by ID

```
{  
  "id": 28  
}
```

Response

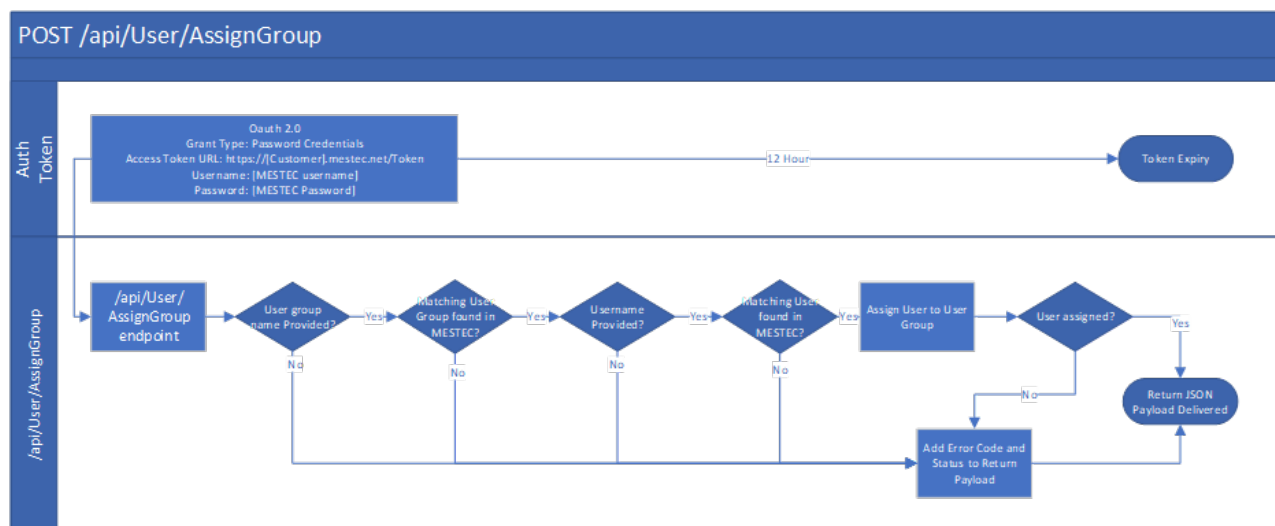
When using the User – Delete API call, if a User has been Deleted a 200 status response will be returned.

AssignGroup

The User – Assign User Group API call attempts to assign a User to a User Group.

Figure 4 shows the logic used within the User – Assign Group API call.

Figure 4 - Logic within User/AssignGroup API Call



Prerequisites

When assigning a User to a User Group, both the User and User Group must exist in Eyleit MES-M.

Request

Table 7 shows the method and endpoint required to make the API call to assign a User to a User Group .

Table 7 - Outbound Message Detail for User – Assign Group

Method	URL Structure	Endpoint
POST	https://[environment].mestec.net	/api/User/AssignGroup

The body of the payload should follow the format displayed below:

```
{
  "username": "string",
  "userGroup": "string",
  "isPrimary": true
}
```

See Table 8 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 8 - Parameter Information for User – Assign Group

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
Username	Useraccount.username	VARCHAR2(50)	Yes	No	Exact
Usergroup	Usergroup.name	VARCHAR2(50)	Yes	No	Exact
isprimary	User_usergroup.isprimary	BOOL	No	N/A	N/A

Sample Request

See below for a sample use case to assign a User to a User Group. The sample provides an example of the JSON payload format required.

```
{
  "username": "apitestuser2",
  "userGroup": "test group 2",
  "isPrimary": false
}
```

Response

When using the User – Assign Group API call, if the User has been successfully assigned to the User Group, a JSON payload will be returned containing data in the following structure:

```
{
  "id": 0,
  "suid": "string",
  "username": "string",
  "fullname": "string",
  "title": "string",
  "password": "string",
  "email": "string",
  "principalName": "string",
  "userGroups": [
    {
      "userGroup": "string",
      "isPrimary": true
    }
  ],
  "team": "string",
  "shiftSelection": "string",
  "manager": "string",
  "holidayEntitlement": 0,
  "enabled": true,
  "isLockedOut": true,
  "trustDeviceOnly": true,
  "managePayHours": true,
  "fullscreenMode": true,
  "forcePasswordChange": true
}
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

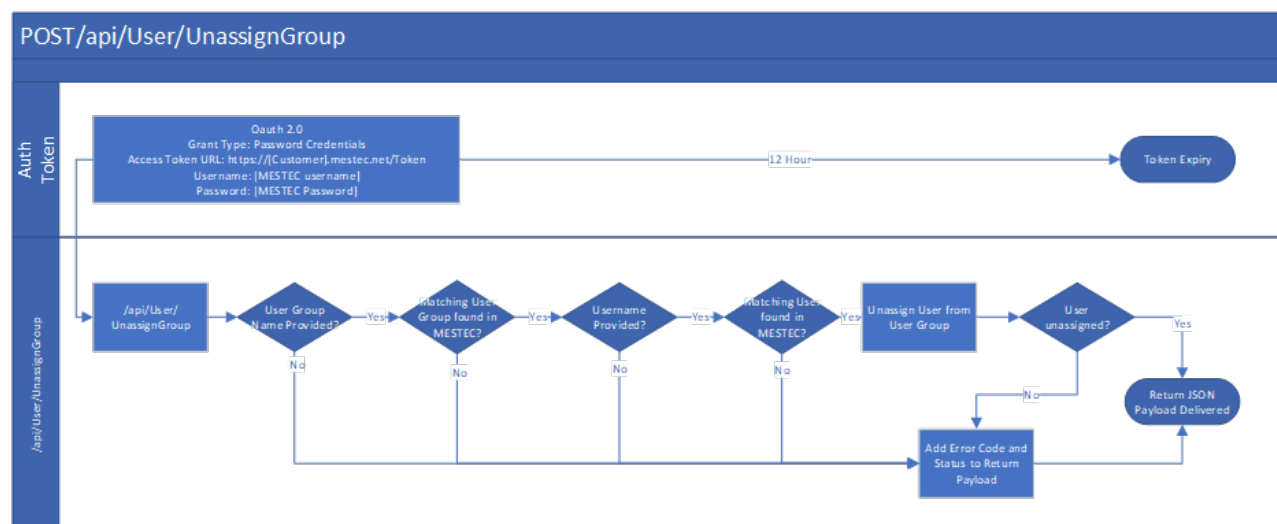
```
{
  "ID": 1642,
  "SUID": "Public API Test User",
  "Username": "apitestuser2",
  "Fullname": "Public API Test User",
  "Email": "Test_API@eyelit.com",
  "UserGroups": [
    {
      "UserGroup": "Test Group 2",
      "IsPrimary": false
    },
    {
      "UserGroup": "System (Mestec)",
      "IsPrimary": true
    }
  ],
  "Team": "Default Team asd",
  "ShiftSelection": "Prompt",
  "Enabled": true,
  "isLockedOut": false,
  "TrustDeviceOnly": false,
  "ManagePayHours": true,
  "FullscreenMode": false,
  "ForcePasswordChange": false
}
```

UnassignGroup

The User – Unassign Group API call attempts to unassign a User from a User Group.

Figure 5 shows the logic used within the User - UnassignGroup API call.

Figure 5 - Logic within User/UnassignGroup API Call



Prerequisites

When unassigning a User from a User Group, both the User and User Group must exist in Eyelit MES-M, and the given User should already be assigned to the User Group.

Request

Table 9 shows the method and endpoint required to make the API call to unassign a User from a User Group.

Table 9 - Outbound Message Detail for User – Unassign Group

Method	URL Structure	Endpoint
POST	https://[environment].mestec.net	/api/User/UnassignGroup

The body of the payload should follow the format displayed below:

```
{
  "username": "string",
  "userGroup": "string",
  "isPrimary": true
}
```

See Table 10 for information on which fields are optional, the appropriate data types and the mappings to fields in Eyelit MES-M.

Table 10 - Parameter Information for User – Unassign Group

Parameter Name	Data Mapping	Data Type	Mandatory	Case Sensitive	Match Type
Username	Useraccount.username	VARCHAR2(50)	Yes	No	Exact
Usergroup	Usergroup.name	VARCHAR2(50)	Yes	No	Exact
isprimary	User_usergroup.isprimary	BOOL	No	N/A	N/A

Sample Request

See below for a sample use case to unassign a User from a User Group. The sample provides an example of the JSON payload format required.

```
{
  "username": "apitestuser2",
  "userGroup": "test group 2",
  "isPrimary": false
}
```

Response

When using the User – Unassign Group API call, if the User has been successfully unassigned from the User Group, a JSON payload will be returned containing data in the following structure:

```
{
  "id": 0,
  "suid": "string",
  "username": "string",
  "fullname": "string",
  "title": "string",
  "password": "string",
  "email": "string",
  "principalName": "string",
  "userGroups": [
    {
      "userGroup": "string",
      "isPrimary": true
    }
  ],
  "team": "string",
  "shiftSelection": "string",
  "manager": "string",
  "holidayEntitlement": 0,
  "enabled": true,
  "isLockedOut": true,
  "trustDeviceOnly": true,
  "managePayHours": true,
  "fullscreenMode": true,
  "forcePasswordChange": true
}
```

Sample Response

See below for sample use cases with examples of the JSON payload format returned.

```
{
  "ID": 1642,
  "SUID": "Public API Test User",
  "Username": "apitestuser2",
  "Fullname": "Public API Test User",
  "Email": "Test_API@eyelit.com",
  "UserGroups": [
    {
      "UserGroup": "System (Mestec)",
      "IsPrimary": true
    }
  ],
  "Team": "Default Team asd",
  "ShiftSelection": "Prompt",
  "Enabled": true,
  "isLockedOut": true,
  "TrustDeviceOnly": false,
  "ManagePayHours": true,
  "FullscreenMode": false,
  "ForcePasswordChange": false
}
```
