

pathVu Users API

Version 1.4

Last Updated 4/22/2020

Changelog

- **Version 1.4**
 - Added Guest Account
 - Added Login Status
- **Version 1.3**
 - Added Update Username
 - Added Alert Settings
 - Sign In returns settings
- **Version 1.2**
 - Added Sign In
- **Version 1.1.1**
 - Fixed typos
- **Version 1.1**
 - Added Favorites, Recents, Types, Settings

Get User

<https://pathvudata.com/api1/api/users/>

The pathVu Users API returns a JSON containing user information.

Required GET Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345

Errors

Error Number	Description
u001	User Account ID not posted
u002	Account not found

Add New User

<https://pathvudata.com/api1/api/users/add>

The pathVu Users API returns a User Account ID when a user is successfully added.

Notes:

- Currently only accepts POST parameters

Update Username

<https://pathvudata.com/api1/api/users/updateusername>

Required POST Parameters

Parameter	Description	Example
uacctid	User Account ID	12345
username	New Username	Lukes2

Errors

Error Number	Description
uuu001	Account ID not posted
uuu002	New username not posted
uuu003	User not found
uuu004	New username already in use

pathVu User

Required POST Parameters

Parameter	Description	Example
ufirstname	User' first name	Luke
ulastname	User's last name	Skywalker
uemail	User's e-mail address	luke@gmail.com
upassword	New account password	IluvY0d@

Optional POST Parameters

Parameter	Description	Example
username	Username for new account	lskywalker

Notes:

- All validation must be done on the front-end
- Passwords will be hashed by the server
- The default username is “pathvu” + a unique number

Guest User

<https://pathvudata.com/api1/api/users/addguestuser>

The pathVu API will return a JSON with a new uacctid if no parameter is posted.

The pathVu API will return the login status if a valid uacctid is posted.

<https://pathvudata.com/api1/api/users/guestusername>

The pathVu API will set the account to use a default username if a valid uacctid is posted.

Sign In

<https://pathvudata.com/api1/api/users/login>

Login Status

Return	Description
Key of “new”	New user; value is new user ID
Key of “login”	Existing user; value is user ID
typeset	Type previously entered 0 = no 1 = yes
settingsset	Settings previously entered 0 = no 1 = yes

Required POST Parameters

Parameter	Description	Example
uemail	User's email address	luke@gmail.com
upassword	Account Password	IluvY0d@

Note: Google and Facebook accounts can use the ADD API to sign in.

Errors

Error Number	Description
ul003	Account not found
ul004	Incorrect password

Google Account User

Required POST PARAMETERS

Parameter	Description	Example
gtoken	Token from a successful Google Sign In	Abc123d4fe5f6
uisgoogle	This flag must be set to 1	1

Optional POST Parameters

Parameter	Description	Example
username	Username for new account	lskywalker

Notes:

- The default username is “pathvu” + a unique number

Facebook Account User

Required POST PARAMETERS

Parameter	Description	Example
ftoken	Token from a successful Facebook Sign In	Abc123d4fe5f6
uisfacebook	This flag must be set to 1	1

Optional POST Parameters

Parameter	Description	Example
username	Username for new account	lskywalker

Notes:

- The default username is “pathvu” + a unique number

Errors

Error Number	Description
ua001	Account type not posted
ua002	Too many account types posted
ua003	First name not posted
ua004	Last name not posted
ua005	Email not posted
ua006	Email already exists
ua007	Username already exists
ua008	Password not posted
ua009	Facebook token not posted
ua010	Invalid or missing Google token

Favorites

<https://pathvudata.com/api1/api/users/favorites>

The pathVu API returns a JSON of the user's Favorites and corresponding location information.

Required GET Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345

Errors

Error Number	Description
uf001	User Account ID not posted
uf002	No favorites

Add Favorites

<https://pathvudata.com/api1/api/users/addfavorite>

Required POST Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345
fname	Favorite name entered by the user	Home
faddress	Address of the favorite	PPG Paints Arena, 1001 Fifth Ave, Pittsburgh, PA 15219
flat	Latitude of the Favorite point	40.437750
flon	Longitude of the Favorite point	-79.985847

Errors

Error Number	Description
uaf001	User Account ID not posted
uaf002	User Account ID not found
uaf003	Favorite name not posted
uaf004	Favorite address not posted
uaf005	Latitude not posted
uaf006	Longitude not posted

Recents

<https://pathvudata.com/api1/api/users/recents>

The pathVu API returns a JSON of the user's Recent searches and corresponding location information.

Required GET Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345

Errors

Error Number	Description
ur001	User Account ID not posted
ur002	No recents

Add Recent

<https://pathvudata.com/api1/api/users/addrecent>

Required POST Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345
raddress	Address of the Recent	PPG Paints Arena, 1001 Fifth Ave, Pittsburgh, PA 15219
rlat	Latitude of the Recent point	40.437750
r lon	Longitude of the Recent point	-79.985847

Set User Type

<https://pathvudata.com/api1/api/users/settype>

Required POST Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345
tid	The User Type ID	1

User Type Values

Value	Description
1	Blind/Visually Impaired
2	Sighted and Walking
3	Wheelchair/Scooter User
4	Cane/Walker User

Errors

Error Number	Description
us001	User Account ID not posted
us002	User Account Type not posted
us003	User Account ID Not Found

Settings

<https://pathvudata.com/api1/api/users/getsettings>

The pathVu API returns a JSON of the user's settings.

Required GET Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345

Errors

Error Number	Description
ugs001	User Account ID not posted
ugs002	User Account ID not found
ugs003	User Type not found

Set Settings

<https://pathvudata.com/api1/api/users/setsettings>

Required POST Parameters

Parameter	Description	Example
uacctid	The User Account ID for the user to lookup	12345

Optional POST Parameters

Parameter	Description	Example	Default
thw	Tripping Hazard Parameter	Integer 1-4	4
rsw	Running Slope Parameter	Integer 1-4	4
csw	Cross Slope Parameter	Integer 1-4	4
row	Roughness Parameter	Integer 1-4	4
thalert	Tripping Hazard Alert	0 = no 1 = yes	0
rsalert	Running Slope Alert	0 = no 1 = yes	0
csalert	Cross Slope Alert	0 = no 1 = yes	0
roalert	Roughness Alert	0 = no 1 = yes	0

Default Parameters by User Type

User Type	thw	rsw	csw	row
1	3	1	1	2
2	4	4	4	4
3	3	2	2	2
4	3	1	2	2

Errors

Error Number	Description
us101	User Account ID not posted
us102	User Account ID not found
Us103	User Type not found