# UVFit API Documentation

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## User Login, Registration, and Account Manipulation

Endpoint: “/user/register”

Type: POST

Description: This endpoint receives registration data from the user.

Example request:

{

name: “Test User”,

email: “test@tester.com”,

password: “testing”,

}

Endpoint: “/user/login”

Type: GET

Description: Use this endpoint to log into the web portal.

Example request:

{

email: “test@tester.com”,

password: “testing”

}

Example response:

{

person: {

name: “Test User”,

email: “test@tester.com”,

pass: hash,

uvThresh: 10,

actType: ACTIVITYTYPE

},

auth: token,

success: true

}

Endpoint: “/user/account”

Type: GET

Description: Use this endpoint to load the user data into a UI or webpage. Include the auth token in the headers.

Example response:

{

name: “Test User”,

email: “test@tester.com”,

pass: hash,

uvThresh: 10,

actType: ACTIVITYTYPE

}

Endpoint: “/user/device”

Type: POST

Description: Use this endpoint to register a device to the user account. Include auth and device ID in the headers.

Response returns a new APIKEY.

Endpoint: “/user/update”

Type: POST

Description: Use this endpoint to modify user data in the database. Include auth token in the header.

Example request:

{

name: “Canada Man”,

email: “canadia@nowpartofthe.us”,

uvThresh: 15,

actType: ACTIVITYTYPE

}

Endpoint: “/user/removeDev”

Type: DELETE

Description: Use this endpoint to disassociate the current device. Include auth token and device ID in header.

Endpoint: “/user/passChange”

Type: POST

Description: Use this endpoint to change the user’s password.

Example request:

{

email: “test@tester.com”,

password: “testing”,

pass: “newPassword”

}

Example response:

{

person: {

name: “Test User”,

email: “test@tester.com”,

pass: hash,

uvThresh: 10,

actType: ACTIVITYTYPE

},

auth: token

}

Endpoint: “/user/DevSettings”

Type: GET

Description: Internal use. Used to update activity type while user is in an activity. Do not use this endpoint.

Endpoint: “/user/ChangeAct”

Type: GET

Description: Use this endpoint to update the type of a given activity.

Example request:

{

actType: “Walking”,

email: “test@test.com”,

eventID: EVENTID

}

Example Response:

{

person: {

name: “Test User”,

email: “test@tester.com”,

pass: hash,

uvThresh: 10,

actType: ACTIVITYTYPE

},

auth: token

}

Endpoint: “/user/confirmation”

Type: GET

Description: Internal use. Used to verify an email address of a newly registered user. Do not use this endpoint.

## Device Interaction

Endpoint: “/event/”

Type: POST

Description: Use this endpoint to POST event data for a device.

Example request:

{

\_id: APIKEYHERE,

deviceID: DEVICEIDHERE,

longitude: “0”,

latitude: “0”,

UV: “0”,

speed: “0”

}

Example Response: “Event Added!”

Endpoint: “/event/ping”

Type: GET

Description: Internal use only. Used to debug connection with Photon device.

Example Response: “ACK”

## Miscellaneous

Endpoint: “/user/users”

Type: GET

Description: This endpoint returns the entire database of users. Include auth token in header.