

# Overview

## Paths

### ***GET*** /accounts/{user\_id}/schedule/

Returns a list of ClassOfferings that the user is enrolled in.

#### Parameters

Type	Name	Description	Schema
path	user_id <i>required</i>		string

#### Responses

Code	Description	Links
200	Content application/json	No Links

### ***GET*** /accounts/{user\_id}/history/

Returns a list of ClassInstances that the user with `user_id` has attended in the past.

#### Parameters

Type	Name	Description	Schema
path	user_id <i>required</i>		string

#### Responses

Code	Description	Links
200	Content application/json	No Links

### ***GET*** /studios/list/

Retrieves a list of studios that are sorted to closest → furthest from the lat/long passed in from the frontend.

Sample payload: { "latitude": "43.65792466303926", "longitude": "-79.39900559414212" }

#### Parameters

Type	Name	Description	Schema
query	<b>offset</b> <i>optional</i>	The initial index from which to return the results.	integer
query	<b>limit</b> <i>optional</i>	Number of results to return per page.	integer

#### Responses

Code	Description	Links															
200	<p><i>Content</i></p> <p><b>application/json</b></p> <p><i>Properties</i></p> <table> <tr> <th>Name</th><th>Description</th><th>Schema</th></tr> <tr> <td>count <i>optional</i></td><td></td><td>integer</td></tr> <tr> <td>next <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr> <tr> <td>previous <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr> <tr> <td>results <i>optional</i></td><td></td><td>&lt; &gt; array</td></tr> </table>	Name	Description	Schema	count <i>optional</i>		integer	next <i>optional</i>	<i>nullable</i>	string (uri)	previous <i>optional</i>	<i>nullable</i>	string (uri)	results <i>optional</i>		< > array	No Links
Name	Description	Schema															
count <i>optional</i>		integer															
next <i>optional</i>	<i>nullable</i>	string (uri)															
previous <i>optional</i>	<i>nullable</i>	string (uri)															
results <i>optional</i>		< > array															

## GET /studios/list/filter/

Returns a list of studios, filtered by the filter choices below:

Filter choices are: **name** of the Studio, **amenities**, **class\_offering\_name**, **coach\_name**

Sample payload: { "amenities": ["Pool", "Gym"], "name": "Pythonic Fitness Studio", "class\_offering\_name": "Pilates", "coach\_name": "Mr. B" }

#### Responses

Code	Description	Links
200	<p><i>Content</i></p> <p><b>application/json</b></p>	No Links

## GET /studios/{studio\_id}/classes/list/

Returns a list of all ClassOfferings held by studio with **studio\_id**, and sends a paginated list of ClassInstances associated with the ClassOfferings, sorted in ascending order by the date of the ClassInstance.

#### Parameters

Type	Name	Description	Schema
query	<b>offset</b> <i>optional</i>	The initial index from which to return the results.	integer
query	<b>limit</b> <i>optional</i>	Number of results to return per page.	integer
path	<b>studio_id</b> <i>required</i>		string

#### Responses

Code	Description	Links															
200	<p><i>Content</i></p> <p><b>application/json</b></p> <p><i>Properties</i></p> <table> <tr> <th>Name</th><th>Description</th><th>Schema</th></tr> <tr> <td>count <i>optional</i></td><td></td><td>integer</td></tr> <tr> <td>next <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr> <tr> <td>previous <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr> <tr> <td>results <i>optional</i></td><td></td><td>&lt; &gt; array</td></tr> </table>	Name	Description	Schema	count <i>optional</i>		integer	next <i>optional</i>	<i>nullable</i>	string (uri)	previous <i>optional</i>	<i>nullable</i>	string (uri)	results <i>optional</i>		< > array	No Links
Name	Description	Schema															
count <i>optional</i>		integer															
next <i>optional</i>	<i>nullable</i>	string (uri)															
previous <i>optional</i>	<i>nullable</i>	string (uri)															
results <i>optional</i>		< > array															

## GET /studios/{studio\_id}/

Retrieves a studio with the id `studio_id`.

#### Parameters

Type	Name	Description	Schema
path	<b>studio_id</b> <i>required</i>		string

#### Responses

Code	Description	Links
200	<p><i>Content</i></p> <p><b>application/json</b></p>	No Links

## GET /studios/{studio\_id}/amenities/list/

Returns a list of all amenities offered by studio with `studio_id`.

### Parameters

Type	Name	Description	Schema
query	<b>offset</b> <i>optional</i>	The initial index from which to return the results.	integer
query	<b>limit</b> <i>optional</i>	Number of results to return per page.	integer
path	<b>studio_id</b> <i>required</i>		string

### Responses

Code	Description	Links															
200	<p><i>Content</i></p> <p><b>application/json</b></p> <p><i>Properties</i></p> <table><tr><th>Name</th><th>Description</th><th>Schema</th></tr><tr><td>count <i>optional</i></td><td></td><td>integer</td></tr><tr><td>next <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr><tr><td>previous <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr><tr><td>results <i>optional</i></td><td></td><td>&lt; <a href="#">Amenity</a> &gt; array</td></tr></table>	Name	Description	Schema	count <i>optional</i>		integer	next <i>optional</i>	<i>nullable</i>	string (uri)	previous <i>optional</i>	<i>nullable</i>	string (uri)	results <i>optional</i>		< <a href="#">Amenity</a> > array	No Links
Name	Description	Schema															
count <i>optional</i>		integer															
next <i>optional</i>	<i>nullable</i>	string (uri)															
previous <i>optional</i>	<i>nullable</i>	string (uri)															
results <i>optional</i>		< <a href="#">Amenity</a> > array															

## GET /studios/{studio\_id}/images/list/

Returns a list of all images under the Studio with `studio_id`

### Parameters

Type	Name	Description	Schema
query	<b>offset</b> <i>optional</i>	The initial index from which to return the results.	integer
query	<b>limit</b> <i>optional</i>	Number of results to return per page.	integer
path	<b>studio_id</b> <i>required</i>		string

## Responses

Code	Description	Links															
200	<i>Content</i> <b>application/json</b> <i>Properties</i> <table><tr><th>Name</th><th>Description</th><th>Schema</th></tr><tr><td>count <i>optional</i></td><td></td><td>integer</td></tr><tr><td>next <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr><tr><td>previous <i>optional</i></td><td><i>nullable</i></td><td>string (uri)</td></tr><tr><td>results <i>optional</i></td><td></td><td>&lt; StudioImage &gt; array</td></tr></table>	Name	Description	Schema	count <i>optional</i>		integer	next <i>optional</i>	<i>nullable</i>	string (uri)	previous <i>optional</i>	<i>nullable</i>	string (uri)	results <i>optional</i>		< StudioImage > array	No Links
Name	Description	Schema															
count <i>optional</i>		integer															
next <i>optional</i>	<i>nullable</i>	string (uri)															
previous <i>optional</i>	<i>nullable</i>	string (uri)															
results <i>optional</i>		< StudioImage > array															

## GET /studios/{studio\_id}/classes/filter/

Returns a list of classes offered by Studio with **studio\_id**, filtered by the filter choices below:

Filter choices are: **class\_name**, **coach\_name**, **date**, **start\_time**, **end\_time**

Sample payload: { "date": "2", "class\_name": "Pilates", "coach\_name": "Mr. B", "start\_time": "6:00", "end\_time": "7:00" }

## Parameters

Type	Name	Description	Schema
<b>path</b>	<b>studio_id</b> <i>required</i>		string

## Responses

Code	Description	Links
200	<i>Content</i> <b>application/json</b>	No Links

## GET /studios/{studio\_id}/directions/

Returns a Google Maps link that has the destination set to the studio specified by **studio\_id**.

Example Output: <https://www.google.com/maps/dir/?api=1&destination=43.661430,-79.397000>

## Parameters

Type	Name	Description	Schema
path	studio_id required		string

#### Responses

Code	Description	Links
200	Content application/json	No Links

## GET /subscriptions/payment\_history/

Retrieve payment history and future payment for the current user

#### Responses

Code	Description	Links
200	Content application/json	No Links

## POST /accounts/register/

Registers a new user.

The form data must include: `username`, `password`, `email`, `first_name`, `last_name`, `phone_number`, `avatar` - an Image

#### Responses

Code	Description	Links
201	Content application/json	No Links

## POST /accounts/login/

Takes a set of user credentials and returns an access and refresh JSON web token pair to prove the authentication of those credentials.

#### Responses

Code	Description	Links
201	Content application/json	No Links

## **POST** /classes/enroll/single\_class/{class\_id}/

Enrolls a user to one instances of a class, pointed to by `class_id`.

### Parameters

Type	Name	Description	Schema
path	<code>class_id</code> <i>required</i>		string

### Responses

Code	Description	Links
201	<i>Content</i> <b>application/json</b>	No Links

## **POST** /classes/enroll/future\_classes/{class\_id}/

Enrolls a user to all future instances of a class, pointed to by `class_id`.

### Parameters

Type	Name	Description	Schema
path	<code>class_id</code> <i>required</i>		string

### Responses

Code	Description	Links
201	<i>Content</i> <b>application/json</b>	No Links

## **POST** /subscriptions/subscription/

Create, Update and Delete a user's unique Subscription.

### Responses

Code	Description	Links
201	<i>Content</i> <b>application/json</b>	No Links

## **DELETE** /subscriptions/subscription/

Create, Update and Delete a user's unique Subscription.

### Responses

Code	Description	Links
204		No Links

## **PATCH** /subscriptions/subscription/

Create, Update and Delete a user's unique Subscription.

### Responses

Code	Description	Links
200	Content application/json	No Links

## **PUT** /accounts/update/

Updates the user's profile with user id `user_id`.

The payload data can include: `username`, `password`, `email`, `first_name`, `last_name`, `phone_number`, `avatar` - an Image

### Responses

Code	Description	Links
200	Content application/json	No Links

## **PATCH** /accounts/update/

Updates the user's profile with user id `user_id`.

The payload data can include: `username`, `password`, `email`, `first_name`, `last_name`, `phone_number`, `avatar` - an Image

### Responses

Code	Description	Links
200	Content application/json	No Links

## **PUT** /subscriptions/payment\_method/

Updates a payment method that is owned by user with id `user_id`.

### Responses



Code	Description	Links
200	Content application/json	No Links

## **PATCH** /subscriptions/payment\_method/

Updates a payment method that is owned by user with id `user_id`.

### Responses

Code	Description	Links
200	Content application/json	No Links

## **DELETE** /classes/unenroll/single\_class/{class\_id}/

Unenrolls a user from one instance of a class, pointed to by `class_id`.

### Parameters

Type	Name	Description	Schema
path	<code>class_id</code> <i>required</i>		string

### Responses

Code	Description	Links
204		No Links

## **DELETE** /classes/unenroll/future\_classes/{class\_id}/

Unenrolls a user from all future instances of a class, pointed to by `class_id`.

### Parameters

Type	Name	Description	Schema
path	<code>class_id</code> <i>required</i>		string

### Responses

Code	Description	Links
204		No Links

# Components

## Schemas

### Studio

#### Properties

Name	Description	Schema
name <i>required</i>	<b>Maximum Length:</b> 200	string
address <i>required</i>	<b>Maximum Length:</b> 200	string
postal_code <i>required</i>	<b>Maximum Length:</b> 200	string
phone_num <i>required</i>	<b>Maximum Length:</b> 200	string
longitude <i>required</i>	<b>Maximum:</b> 1000 <b>Minimum:</b> -1000 <b>Multiple Of:</b> 0.0000010	string (decimal)
latitude <i>required</i>	<b>Maximum:</b> 1000 <b>Minimum:</b> -1000 <b>Multiple Of:</b> 0.0000010	string (decimal)

### Amenity

#### Properties

Name	Description	Schema
name <i>required</i>	<b>Maximum Length:</b> 200	string
quantity <i>required</i>		integer

Name	Description	Schema
studio <i>optional</i>	<i>read only</i>	object
<i>Properties</i>		
Name	Description	Schema
name <i>required</i>	<b>Maximum Length:</b> 200	string
address <i>required</i>	<b>Maximum Length:</b> 200	string
postal_code <i>required</i>	<b>Maximum Length:</b> 200	string
phone_number <i>required</i>	<b>Maximum Length:</b> 200	string
longitude <i>required</i>	<b>Maximum:</b> 1000 <b>Minimum:</b> -1000 <b>Multiple Of:</b> 0.0000010	string (decimal)
latitude <i>required</i>	<b>Maximum:</b> 1000 <b>Minimum:</b> -1000 <b>Multiple Of:</b> 0.0000010	string (decimal)

## StudioImage

### *Properties*

Name	Description	Schema
image <i>required</i>		string (binary)

## TFCUser

### *Properties*

Name	Description	Schema
username <i>required</i>	<b>Maximum Length:</b> 200	string
password <i>required</i>	<b>Maximum Length:</b> 200	string
email <i>optional</i>	<i>nullable</i> <b>Maximum Length:</b> 254	string (email)
first_name <i>optional</i>	<i>nullable</i> <b>Maximum Length:</b> 200	string

Name	Description	Schema
last_name <i>optional</i>	<i>nullable</i> <b>Maximum Length:</b> 200	string
phone_number <i>optional</i>	<i>nullable</i> <b>Maximum Length:</b> 200	string
avatar <i>optional</i>	<i>nullable</i>	string (binary)

## TokenObtainPair

### Properties

Name	Description	Schema
username <i>required</i>		string
password <i>required</i>	<i>write only</i>	string

## PaymentMethod

### Properties

Name	Description	Schema
card_number <i>required</i>		integer
security_code <i>required</i>		integer