



http://127.0.0.1:8000/swagger/?format=openapi

Explore

CSC309 TFC Project Backend ^{v1}

[Base URL: 127.0.0.1:8000/]
http://127.0.0.1:8000/swagger/?format=openapi

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Schemes

HTTP

Django username1

Django Logout

Authorize

Filter by tag

accounts



POST /accounts/api/token/refresh/

accounts_api_token_refresh_create

Takes a refresh type JSON web token and returns an access type JSON web token if the refresh token is valid.

Parameters

Try it out

Name	Description
data ^{★ required}	
object (body)	<div>Example Value Model</div> <div><pre>TokenRefresh { refresh* string title: Refresh minLength: 1 }</pre></div>

Responses

Response content type application/json

Code	Description
201	<div>Example Value Model</div> <div><pre>TokenRefresh { refresh* string title: Refresh minLength: 1 access string title: Access readOnly: true minLength: 1 }</pre></div>

POST /accounts/login/

accounts_login_create

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

Parameters

Try it out

Name	Description
data * required object (body)	<div>Example Value Model</div> <div><div>TokenObtainPair</div><div><div>username*</div><div>password*</div></div><div>{ string title: Username minLength: 1 string title: Password minLength: 1 }</div></div>

Responses

Response content typeapplication/json

Code	Description
201	<div>Example Value Model</div> <div><div>TokenObtainPair</div><div><div>username*</div><div>password*</div></div><div>{ string title: Username minLength: 1 string title: Password minLength: 1 }</div></div>

POST /accounts/signup/

accounts_signup_create ^

Allows a user to register on the website.

Parameters

Try it out

Name	Description
------	-------------

Name

Description

data

*

required

object

(body)

Example Value

Model

Signup

{

username*

string

title: Username

pattern: ^[\w. @+ -]+ \$

maxLength: 150

minLength: 1

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

password*

string

title: Password

maxLength: 128

minLength: 1

password2*

string

title: Confirm password

minLength: 1

first_name

string

title: First name

maxLength: 150

last_name

string

title: Last name

maxLength: 150

email

string(\$email)

title: Email address

maxLength: 254

phone_number

string

title: Phone number

pattern: ^\+?1?\d{9,15} \$

maxLength: 250

x-nullable: true

}

Responses

Response content type

application/json

Code

Description

201

Example Value

Model

Signup

{

username*

string

title: Username

pattern: ^[\w. @+ -]+ \$

maxLength: 150

minLength: 1

Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

password*

string

title: Password

maxLength: 128

minLength: 1

password2*

string

title: Confirm password

minLength: 1

first_name

string

title: First name

maxLength: 150

last_name

string

title: Last name

maxLength: 150

email

string(\$email)

title: Email address

maxLength: 254

avatar

string(\$uri)

title: Avatar

readOnly: true

x-nullable: true

phone_number

string

title: Phone number

pattern: ^\+?1?\d{9,15} \$

maxLength: 250

x-nullable: true

}

Allows a user to update their account details.

Parameters

Try it out

Name	Description
data * required	
object (body)	<div>Example Value</div> <div>Model</div> <div><div>Account</div><div>{</div><div>username*</div><div>string</div><div>title: Username</div><div>pattern: ^[\w. @+-]+\$</div><div>maxLength: 150</div><div>minLength: 1</div><div>Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.</div><div>first_name</div><div>string</div><div>title: First name</div><div>maxLength: 150</div><div>last_name</div><div>string</div><div>title: Last name</div><div>maxLength: 150</div><div>email</div><div>string(\$email)</div><div>title: Email address</div><div>maxLength: 254</div><div>phone_number</div><div>string</div><div>title: Phone number</div><div>pattern: ^\+?1?\d{9,15}\$</div><div>maxLength: 250</div><div>x-nullable: true</div><div>}</div></div>

Responses

Response content type application/json

Code	Description
200	<div>Example Value</div> <div>Model</div> <div><div>Account</div><div>{</div><div>username*</div><div>string</div><div>title: Username</div><div>pattern: ^[\w. @+-]+\$</div><div>maxLength: 150</div><div>minLength: 1</div><div>Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.</div><div>first_name</div><div>string</div><div>title: First name</div><div>maxLength: 150</div><div>last_name</div><div>string</div><div>title: Last name</div><div>maxLength: 150</div><div>email</div><div>string(\$email)</div><div>title: Email address</div><div>maxLength: 254</div><div>avatar</div><div>string(\$uri)</div><div>title: Avatar</div><div>readOnly: true</div><div>x-nullable: true</div><div>phone_number</div><div>string</div><div>title: Phone number</div><div>pattern: ^\+?1?\d{9,15}\$</div><div>maxLength: 250</div><div>x-nullable: true</div><div>}</div></div>

PATCH /accounts/update/

accounts_update_partial_update

Allows a user to update their account details.

Parameters

Try it out

Name	Description
data ★ required	
object	Example Value Model
(body)	
	<div><div>Account {</div><div>username*</div><div>string</div><div>title: Username</div><div>pattern: ^[\w. @+-]+\$</div><div>maxLength: 150</div><div>minLength: 1</div><div>Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.</div><div>first_name</div><div>string</div><div>title: First name</div><div>maxLength: 150</div><div>last_name</div><div>string</div><div>title: Last name</div><div>maxLength: 150</div><div>email</div><div>string(\$email)</div><div>title: Email address</div><div>maxLength: 254</div><div>phone_number</div><div>string</div><div>title: Phone number</div><div>pattern: ^\+?1?\d{9,15}\$</div><div>maxLength: 250</div><div>x-nullable: true</div></div>

| | } |

Responses

Response content type

application/json

Code	Description
200	
	Example Value Model
	<div><div>Account {</div><div>username*</div><div>string</div><div>title: Username</div><div>pattern: ^[\w. @+-]+\$</div><div>maxLength: 150</div><div>minLength: 1</div><div>Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.</div><div>first_name</div><div>string</div><div>title: First name</div><div>maxLength: 150</div><div>last_name</div><div>string</div><div>title: Last name</div><div>maxLength: 150</div><div>email</div><div>string(\$email)</div><div>title: Email address</div><div>maxLength: 254</div><div>avatar</div><div>string(\$uri)</div><div>title: Avatar</div><div>readOnly: true</div><div>x-nullable: true</div><div>phone_number</div><div>string</div><div>title: Phone number</div><div>pattern: ^\+?1?\d{9,15}\$</div><div>maxLength: 250</div><div>x-nullable: true</div></div>

GET

/accounts/{account_id}/

accounts_read

View a given account.

Parameters

Try it out

Name

Description

account_id * required

string (path)

account_id

Responses

Response content type

application/json

Code

Description

200

Example Value

Model

Account

{

username*

string

title: Username

pattern: ^[\w. @+-]+\$

maxLength: 150

minLength: 1

Required. 150 characters or fewer. Letters, digits and @/./+/_ only.

first_name

string

title: First name

maxLength: 150

last_name

string

title: Last name

maxLength: 150

email

string(\$email)

title: Email address

maxLength: 254

avatar

string(\$uri)

title: Avatar

readOnly: true

x-nullable: true

phone_number

string

title: Phone number

pattern: ^\+?1?\d{9,15}\$

maxLength: 250

x-nullable: true

}

classes

POST

/classes/modify/

classes_modify_create

Enroll or drop a class

Parameters

Try it out

Name

Description

classtime id

string (query)

Class time

classtime id

account id

integer (query)

User ID

account id

Name

Description

op

string

(query)

Operation: either enroll or drop

op

Responses

Response content type

application/json

Code

Description

201

GET

/classes/{studio_id}/schedule/

classes_schedule_list

^

🔒

Allows a user to view their upcoming enrolled classes in chronological order.

Parameters

Try it out

Name

Description

limit

integer

(query)

Number of results to return per page.

limit

offset

integer

(query)

The initial index from which to return the results.

offset

studio_id

string

(path)

studio_id * required

studio_id

Responses

Response content type

application/json

Code

Description

200

Example Value

Model

{

count*

next

previous

results*

}

integer

string(\$uri)

x-nullable: true

string(\$uri)

x-nullable: true

[EnrollClass

account*

classtime*

class_detail

]]

{

Account {...}

ClassTimeTable {...}

string

title: Class detail

readOnly: true

}

GET

/classes/{studio_id}/upcoming/

classes_upcoming_list

^

🔒

List upcoming classes in a given studio.

Parameters

Try it out

Name	Description
limit integer (query)	Number of results to return per page. <div>limit</div>
offset integer (query)	The initial index from which to return the results. <div>offset</div>
studio_id * required string (path)	studio_id

Responses

Response content type

application/json

Code	Description
200	<div>Example Value Model</div> <div><pre>{ count* next previous results* [ClassTimeTable id time* spotleft* class_detail] }</pre></div>

payments

POST

/payments/add/

payments_add_create

^

🔒

Allows a user to register their credit card details.

Parameters

Try it out

Name

Description

data

*

required

object

(body)

Example Value

Model

PaymentInfo

{

name_on_card

*

string

title: Name on card

maxLength: 250

minLength: 1

card_number

*

string

title: Card number

maxLength: 250

minLength: 1

cvv

*

integer

title: Cvv

expiry_date

*

string(\$date)

title: Expiry date

}

Responses

Response content type

application/json

Code

Description

201

Example Value

Model

PaymentInfo

{

account

string

title: Account

readOnly: true

name_on_card

*

string

title: Name on card

maxLength: 250

minLength: 1

card_number

*

string

title: Card number

maxLength: 250

minLength: 1

cvv

*

integer

title: Cvv

expiry_date

*

string(\$date)

title: Expiry date

}

GET

/payments/history/

payments_history_list

^

🔒

Allows a user to view all their past payments on file, sorted by recent.

Parameters

Try it out

Name

Description

limit

integer

(query)

Number of results to return per page.

limit

offset

integer

(query)

The initial index from which to return the results.

offset

Responses

Response content type

application/json

Code	Description
200	<div>Example Value Model</div> <div><div><pre>{ count* next previous results* }</pre></div><div><pre>integer string(\$uri) x-nullable: true string(\$uri) x-nullable: true [PaymentHistory { account* timestamp* amount* card_number* card_expiry* }]</pre></div></div>

GET /payments/upcoming/

payments_upcoming_list ^ 🔒

Allows a user to view their next upcoming payment, and the payment recurrence interval. The next upcoming payment is when the coverage they have already paid for expires

Parameters

Try it out

No parameters

Responses

Response content type

application/json

Code	Description
200	

PUT /payments/update/

payments_update_update ^ 🔒

Allows a user to alter their credit card details.

Parameters

Try it out

Name	Description
------	-------------

Name

Description

data * required

object

(body)

Example Value

Model

PaymentInfo

{

name_on_card*

string

title: Name on card

maxLength: 250

minLength: 1

card_number*

string

title: Card number

maxLength: 250

minLength: 1

cvv*

integer

title: Cvv

expiry_date*

string(\$date)

title: Expiry date

}

Responses

Response content type

application/json

Code

Description

200

Example Value

Model

PaymentInfo

{

account

string

title: Account

readOnly: true

name_on_card*

string

title: Name on card

maxLength: 250

minLength: 1

card_number*

string

title: Card number

maxLength: 250

minLength: 1

cvv*

integer

title: Cvv

expiry_date*

string(\$date)

title: Expiry date

}

PATCH

/payments/update/

payments_update_partial_update ^ 🔒

Allows a user to alter their credit card details.

Parameters

Try it out

Name

Description

data * required

object

(body)

Example Value

Model

PaymentInfo

{

name_on_card*

string

title: Name on card

maxLength: 250

minLength: 1

card_number*

string

title: Card number

maxLength: 250

minLength: 1

cvv*

integer

title: Cvv

expiry_date*

string(\$date)

title: Expiry date

}

Responses

Response content type

application/json

Code

Description

200

Example Value

Model

PaymentInfo

{

account

string

title: Account

readOnly: true

name_on_card*

string

title: Name on card

maxLength: 250

minLength: 1

card_number*

string

title: Card number

maxLength: 250

minLength: 1

cvv*

integer

title: Cvv

expiry_date*

string(\$date)

title: Expiry date

}

studios

GET

/studios/list/{latitude},{longitude}

studios_list_read

^

🔒

List Studios by proximity, with optional search and filter capability via parameters. Needs latitude and longitude values passed through the URL to operate.

Parameters

Try it out

Name

Description

search

string

(query)

A search term.

search

limit

integer

(query)

Number of results to return per page.

limit

offset

integer

(query)

The initial index from which to return the results.

offset

latitude * required

string

(path)

latitude

longitude * required

string

(path)

longitude

Responses

Response content type

application/json

Code	Description
200	<div>Example Value Model</div> <div><pre>{ count* next previous results* [Studio { name* address* latitude* longitude* postal_code* phone_number* }] }</pre></div>

GET /studios/{studio}/

studios_read ^ 🔒

View Studio information given a Studio ID.

Parameters

Try it out

Name	Description
studio * required string (path)	<div>studio</div>

Responses

Response content type application/json

Code	Description

Code	Description
200	<div>Example Value Model</div> <div><div>Studio {</div><div><div>name*</div><div>string</div><div>title: Name</div><div>maxLength: 250</div><div>minLength: 1</div></div><div><div>address*</div><div>string</div><div>title: Address</div><div>maxLength: 250</div><div>minLength: 1</div></div><div><div>latitude*</div><div>number</div><div>title: Latitude</div></div><div><div>longitude*</div><div>number</div><div>title: Longitude</div></div><div><div>postal_code*</div><div>string</div><div>title: Postal code</div><div>maxLength: 250</div><div>minLength: 1</div></div><div><div>phone_number*</div><div>string</div><div>title: Phone number</div><div>maxLength: 250</div><div>minLength: 1</div></div></div> <div>}</div>

GET /studios/{studio}/amenities/ studios_amenities_list ^ 🔒

View Amenities given a Studio ID.
Intended for use in tandem with StudioView
for a comprehensive look at a studio.

Parameters

Try it out

Name	Description
limit integer (query)	Number of results to return per page. <div>limit</div>
offset integer (query)	The initial index from which to return the results. <div>offset</div>
studio * required string (path)	studio

Responses

Response content type application/json

Code	Description
------	-------------

Code	Description
200	<div>Example Value</div> <div>Model</div> <div><pre>{ count* next previous results* [Amenities { studio* amenity_type* quantity* }] }</pre></div>

GET

/studios/{studio}/images/

studios_images_list

View StudioImages given a Studio ID.
Intended for use in tandem with StudioView
for a comprehensive look at a studio.

Parameters

Try it out

Name	Description
limit integer (query)	Number of results to return per page. <div>limit</div>
offset integer (query)	The initial index from which to return the results. <div>offset</div>
studio * required string (path)	studio

Responses

Response content type

application/json

Code	Description
------	-------------

Code	Description
200	<div>Example Value Model</div> <div><pre>{ count* next previous results* [StudioImage { studio* image }] }</pre></div>

subscriptions



POST /subscriptions/subscribe/ subscriptions_subscribe_create ^

Allows a user to subscribe. Prerequisites:

- This account does not have a subscription (or a previously cancelled subscription - in which case the UpdateView should instead be used.)
- This account has registered payment information

This method creates:

- a CurrentSubscription entry for this user
- an entry in PaymentHistory logging this transaction

Parameters

Try it out

Name	Description
data * required object (body)	<div>Example Value Model</div> <div><pre>CurrentSubscription { plan integer title: Plan x-nullable: true }</pre></div>

Responses

Response content type application/json

Code	Description
------	-------------

Code	Description
201	<div>Example Value Model</div> <div><div>CurrentSubscription</div><div><div>account</div><div>string</div><div>title: Account</div><div>readOnly: true</div></div><div><div>plan</div><div>integer</div><div>title: Plan</div><div>x-nullable: true</div></div><div><div>expiration</div><div>string(\$date)</div><div>title: Expiration</div><div>readOnly: true</div><div>x-nullable: true</div></div></div>

PUT

/subscriptions/update/

subscriptions_update_update

⌵

🔒

Allows a user to change their subscription plan to either a) another existing plan, or b) null (a cancellation).
If a user changes to a non-null subscription plan, the newer expiry date is added to the old one,
and a new payment is created to reflect coverage to next expiry date.

Parameters

Try it out

Name	Description
<div><div>data</div><div>✱ required</div></div> <div>object</div> <div>(body)</div>	<div>Example Value Model</div> <div><div>CurrentSubscription</div><div><div>plan</div><div>integer</div><div>title: Plan</div><div>x-nullable: true</div></div></div>

Responses

Response content type

application/json

Code	Description
200	<div>Example Value Model</div> <div><div>CurrentSubscription</div><div><div>account</div><div>string</div><div>title: Account</div><div>readOnly: true</div></div><div><div>plan</div><div>integer</div><div>title: Plan</div><div>x-nullable: true</div></div><div><div>expiration</div><div>string(\$date)</div><div>title: Expiration</div><div>readOnly: true</div><div>x-nullable: true</div></div></div>

PATCH

/subscriptions/update/

subscriptions_update_partial_update

⌵

🔒

Allows a user to change their subscription plan to either a) another existing plan, or b) null (a cancellation).
If a user changes to a non-null subscription plan, the newer expiry date is added to the old one,
and a new payment is created to reflect coverage to next expiry date.

Parameters

Try it out

Name	Description
data <small>* required</small> object (body)	<div>Example Value</div> <div>Model</div> <div><div>CurrentSubscription</div><div><div>plan</div><div>{ integer title: Plan x-nullable: true }</div></div></div>

Responses

Response content type

application/json

Code	Description
200	<div>Example Value</div> <div>Model</div> <div><div>CurrentSubscription</div><div><div>account</div><div>string title: Account readOnly: true</div><div>plan</div><div>integer title: Plan x-nullable: true</div><div>expiration</div><div>string(\$date) title: Expiration readOnly: true x-nullable: true</div></div></div>

Models

▼

