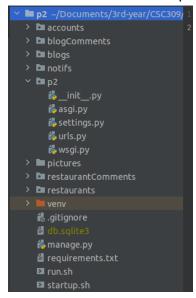
Project Structure

All our app endpoints are found in the folder p2 in urls.py. The virtual env is also contained within the p2 folder(not "P2"). Creating the project is all handled by the startup and run scripts. We have folder for each specific app(eg. blogs) and the urls.py within each app folder contains the specific endpoints for that app. In the following picture we can see the different apps and the overall file structure of our project/



To create and run the project please use the command "source ./startup.sh" and then "./run.sh". The reason why we have to use the source keyword is to activate the virtual env. If these commands do not work on your system for some reason, it may be a permission issue, so use the keyword "sudo" before the command.

Model Designs

Profile

This is the model we use to "extend" the default User model in django. The fields include:

- user = models.OneToOneField(User, on_delete=models.CASCADE)
- avatar = models.ImageField(null=True, blank=True, upload to='pictures')
- phone number = models.CharField(null=True, blank=True, max_length=10)

Here the user field is a onetoone field to a default User object. The reason for this is that it allows us leverage the User object django provided while also adding some extra fields relevant for our project

This is the model for the blog features. It contains the following fields:

- restaurant = models.ForeignKey(to=Restaurant, on_delete=models.CASCADE, null=False)
- title = models.CharField(max_length=200)
- main_image = models.ImageField(upload_to='pictures')
- intro = models.TextField()
- heading1 = models.CharField(max length=200)
- para1 = models.TextField()
- section_image1 = models.ImageField(null=True, blank=True, upload_to='pictures')
- heading2 = models.CharField(max_length=200, null=True)
- para2 = models.TextField(null=True)
- section_image2 = models.ImageField(null=True, blank=True, upload_to='pictures')
- conclusion = models.TextField()
- created_at = models.DateTimeField(auto_now_add=True)
- updated_at = models.DateTimeField(auto_now=True)

There are some options given however the overall format is fixed(can't have more than 2 sections, heading can be over 200 characters, etc). We also have a field for the creation and update time for the blog object. This is leveraged by the feed feature where we want to sort by recency

BlogLike

This model is used to represent a like to a blog. It includes the following fields:

- user = models.ForeignKey(to=User, on delete=models.CASCADE, null=False)
- blog_liked = models.ForeignKey(to=Blog, on_delete=models.CASCADE,
 null=False)
- created at = models.DateTimeField(auto now add=True)

Notice here the on_delete params for the fields. If the blog or user who liked the blog is deleted, we delete the blog post like as well

BlogComment

This model is used to represent comments under a blog post. It includes the fields:

- blog = models.ForeignKey(to=Blog, on delete=models.CASCADE, null=False)
- user = models.ForeignKey(to=User, on_delete=models.CASCADE, null=False)
- comment = models.CharField(max length=600)

Notice here the on_delete params for the fields. If the blog or user who commented is deleted, we delete the blog post comment as well

BlogCommentLike

This model is used to represent like for a blog comment: In include the following fields:

```
    user = models.ForeignKey(to=User, on_delete=models.CASCADE, null=False)
    comment_liked = models.ForeignKey(to=BlogComment, on delete=models.CASCADE, null=False)
```

Notice the no_delete param for the fields. If the comment or the user is deleted, we also delete the blog comment like

Restaurant

The Restaurant model is used to represent a user's restaurant.

Model Fields:

```
user = models.ForeignKey(to=User, on_delete=models.CASCADE, null=False)
name = models.CharField(max_length=200)
address = models.CharField(max_length=200)
postal_code = models.CharField(max_length=6)
website = models.URLField()
phone_number = PhoneNumberField()
description = models.TextField()
logo = models.ImageField()
```

Notes:

- All fields are required and the proper format for the phone number, website and postal code are defined and enforced in the Create/Edit restaurant endpoints
- Although the user field is a foreign key a user is still only able to create at most one restaurant. This rule is enforced in the restaurant creation endpoint.

RestaurantImage

The RestaurantImage model is used to represent an image for a restaurant.

Model Fields:

```
restaurant = models.ForeignKey(Restaurant, related_name='images',
on_delete=models.CASCADE, null=False)
  image = models.ImageField()
```

RestaurantMenuItem

The RestaurantMenuItem model is used to represent a menu item for a restaurant.

Notes:

- All fields are required.
- The on_delete parameter is set to CASCADE which deletes any restaurant images if the associated restaurant is deleted

Model Fields:

```
restaurant = models.ForeignKey(Restaurant, related_name='menu_items',
on_delete=models.CASCADE, null=False)
   name = models.CharField(max_length=200)
   price = models.FloatField()
   description = models.TextField()
```

Notes:

- The on_delete parameter is set to CASCADE which deletes any restaurant menu items if the associated restaurant is deleted
- The full restaurant menu is obtained through querying the table for all menu items belonging to a restaurant. (See the restaurants/<restaurant_id>/menu/view endpoint in the restaurant endpoints below)

RestaurantComment

This is the model used to represent a comment under the restaurant page. It has the following fields:

```
restaurant = models.ForeignKey(to=Restaurant, on_delete=models.CASCADE,
null=False)
```

- user = models.ForeignKey(to=User, on_delete=models.CASCADE, null=False)
- comment = models.CharField(max length=600)

RestaurantCommentLike

This is the model used to represent a like under restaurant comment . It has the following fields:

```
• user = models.ForeignKey(to=User, on delete=models.CASCADE, null=False)
```

```
comment_liked = models.ForeignKey(to=RestaurantComment,
on_delete=models.CASCADE, null=False)
```

Notifications

Notifications is quite a complicated feature, so we have decided to utilize a 3rd party package called django-notifications-hq==1.7.0. It has many fields, and methods that you can read about here.

Accounts Endpoints

General Note: for endpoints where a list is returned, you can use pagnitition by adding the following at the end of the url: ?limit=x&offset=y, where x and y are some integers

POST /accounts/register/

What it does: This endpoint is to register a user to the restify app

Request

• Url params: None

Permission: any

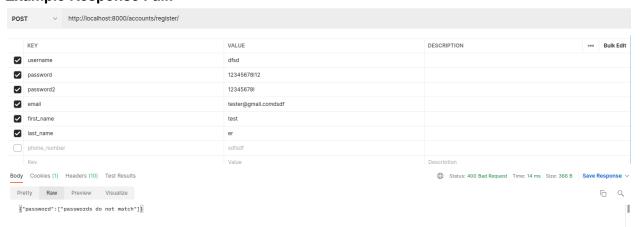
Request body

- o username
- o email
- phone_number(optional)
- first_name
- o last name
- avatar(optional)
- o password
- password2

Response:

- 400 bad request: The fields were not entered properly(detailed message returned), username or email is not unique, passwords did not match, email format not correct, number format not correct, etc.
- 201 created: User is created in database

Example Response Fail:





POST /accounts/login/

What it does: This endpoint is used to login to the restify app by generating a token

Request

Url params: None Permission: any Request body

o username

password

Response:

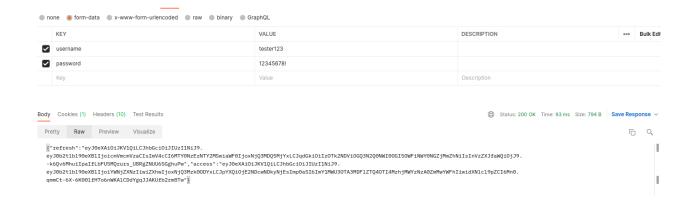
• 401 unauthorized: No account with the given credentials was found

• 400 bad request: a field was not provided in the request body

200 ok: User token is generated

Example Response Fail:





GET /accounts/profile/

What it does: This endpoint is used to retrieve the information of the logged in user

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 401 Unauthorized: could not verify that the sender is a logged in user
- 200 ok: token is valid and account info is retrieved

Example Response Fail:





PUT /accounts/editProfile/

What it does: This endpoint is used to edit an existing user's information

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - o username
 - o email
 - phone_number(optional)
 - o first name
 - last_name
 - avatar(optional)
- *** If the optional params are not provided or are provided but are blank, they are set to null in the user profile object

Response:

- 400 Bad Request: The fields are missing, not formatted properly, username or email isn't unique, etc
- 401 Unauthorized: could not verify that the sender is a logged in user
- 200 Ok: User object is updated

Example Response Fail:







Blogs Endpoints

POST /blogs/create/

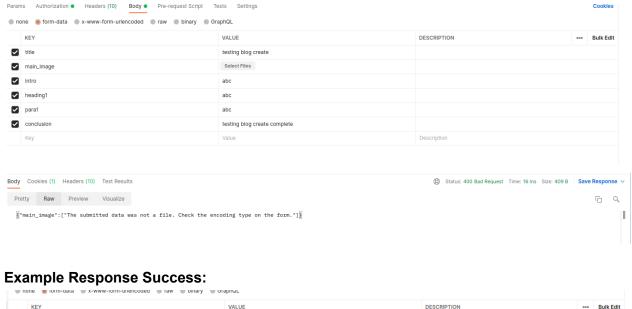
What it does: This endpoint is used to edit an existing user's information

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - o title
 - o main_image
 - o intro
 - o heading1
 - o para1
 - section_image1(optional)
 - heading2(optional)
 - o para2(optional)
 - section_image2(optional)
 - Conclusion
- Note: You have to create a restaurant for your user before creating blog

Response:

- 400 Bad Request: The fields are missing, not formatted properly, user does not have a restaurant, etc
- 401 unauthorized: could not verify that the sender is a logged in user
- 201 create: Blog has been created and is associated with the user's restaurant





DELETE blogs/<blog_id>/delete/

What it does: This endpoint is to delete an existing blog from the database

Request

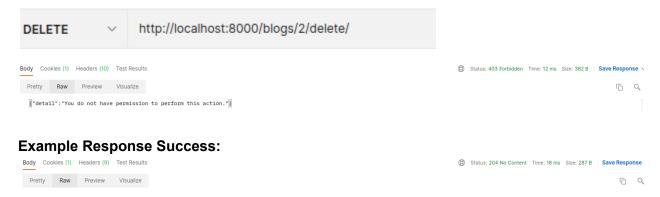
- Url params: blog_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog does not exist
- 403 Forbidden: You do not have the permission to delete the blog(you must be the owner of the restaurant for which the blog belongs to)

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 204 no content: Blog has successfully been deleted

Example Response Fail:



GET blogs/<blog_id>/details/

What it does: This endpoint is to get the details of the specified blog

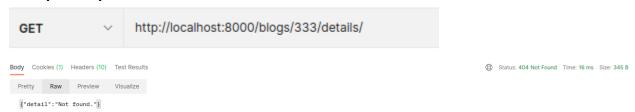
Request

- Url params: blog_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Blog has successfully been retrieved

Example Response Fail:





GET blogs/<restaurant_id>/all/

What it does: This endpoint is to retrieve all the blog posts which are associated with the specified restaurant

Request

- Url params: restaurant_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The restaurant does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: list of blogs created by restaurant has successfully been retrieved

Example Response Fail:





POST blogs/like/

What it does: This endpoint allows a logged in user to like another blog post

Request

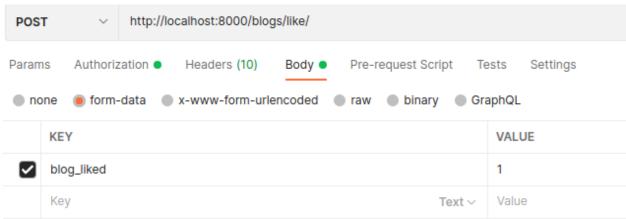
- Permission: Authenticated(provide the token auth)
- Request body
 - blog_liked (this id of the blog which the user want to like)

Response:

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 400 Bad Request: blog_liked not provided, blog_liked not formatted properly, blog_liked is not a valid id for a blog
- 201 Created: blog is liked

Example Response Fail:







DELETE blogs/<blog id>/unlike/

What it does: This endpoint allows a user to unlike a blog post

Request

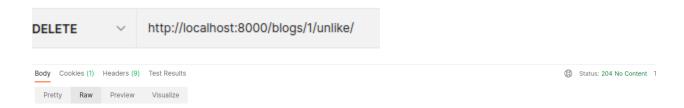
- Url params: blog_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog does not exist
- 403 Forbidden: You do not have permission to perform this action(could be because you never liked the blog so you are not allowed to unlike it)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 204 No Content: blog has been unliked

Example Response Fail:





GET blogs/<blog_id>/likes/amount/

What it does: This endpoint allows a user to get the number of likes that a blog has received

Request

- Url params: blog_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Number of blog likes has been retrieved

Example Response Fail:

Body Cookies (1) Headers (9) Test Results

Pretty Raw Preview Visualize

{"like_count":1}



Status: 200 OK

GET blogs/<blog_id>/likes/all/

What it does: This endpoint is to get a list of all the likes to a specific blog post

Request

- Url params: blog_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: All blog likes has been retrieved

Example Response Fail:



Example Response Success:



GET blogs/feed/

What it does: This endpoint is to get a list of all the likes to a specific blog post, sorted by date created.

Request

- Url params: N/A
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: All blog posts of restaurants that this user has followed has been retrieved



BlogComment Endpoints

POST blogComments/create/

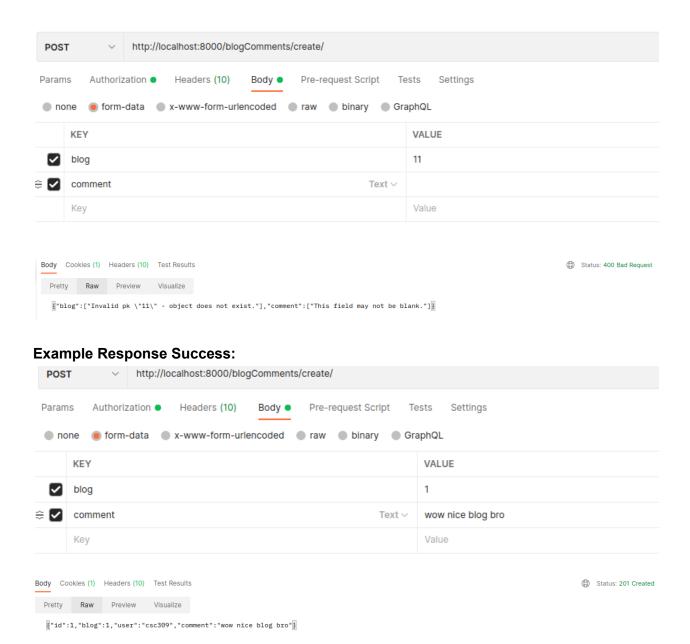
What it does: This endpoint is to create a blog comment for the specified blog

Request

- Url params: N/A
- Permission: Authenticated(provide the token auth)
- Request body
 - blog
 - o comment

Response:

- 400 Bad Request: Proper fields were not provided/not formatted correctly,
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 201 Created: Blog comment as been created



DELETE blogComments/<blog_comment_id>/delete/

What it does: This endpoint is to delete the specified blog comment

Request

- Url params: blog_comment_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: blog comment not found
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 403 Forbidden: You do not have permission to perform this action(could be because the blog comment id is valid but the logged in user is not the one who created it
- 204 No Content: Blog comment is deleted

Example Response Fail:



GET blogComments/<blog_comment_id>/details/

What it does: This endpoint is to get the information about a specific blog comment

Request

- Url params: blog comment id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: blog comment not found
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Blog comment is retrieved



Example Response Success:



GET blogComments/<blog_id>/all/

What it does: This endpoint gets all the comments to a specified blog

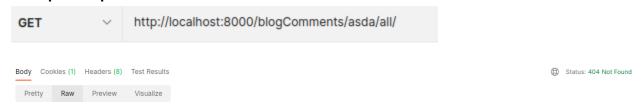
Request

- Url params: blog_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: blog not found
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: List of blog comments is retrieved

Example Response Fail:





POST blogComments/like/

What it does: This endpoint allows a logged in user to like another blog post comment

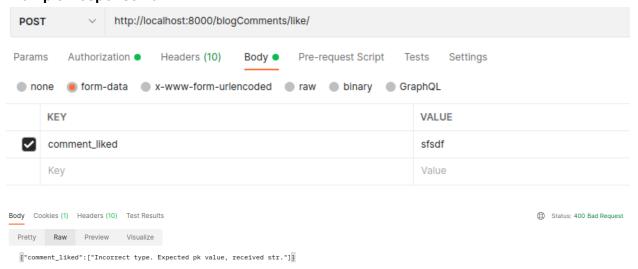
Request

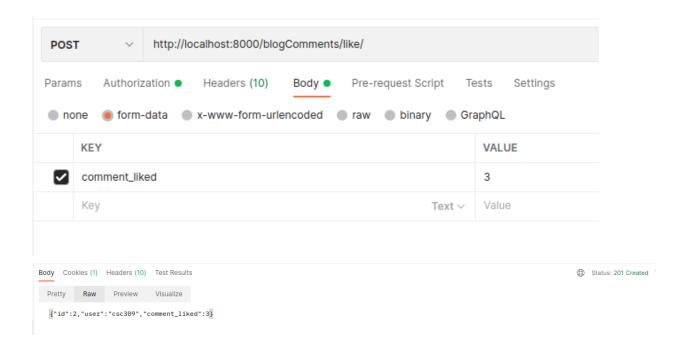
- Permission: Authenticated(provide the token auth)
- Request body
 - comment_liked (this id of the blog comment which the user want to like)

Response:

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 400 Bad Request: comment_liked not provided, comment_liked not formatted properly, is not a valid id for a blog comment, etc
- 201 Created: blog comment is created

Example Response Fail:





DELETE blogs/<blog_comment_id>/unlike/

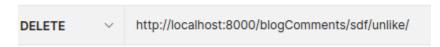
What it does: This endpoint allows a user to unlike a blog comment

Request

- Url params: blog_comment_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog comment does not exist
- 403 Forbidden: You do not have permission to perform this action(could be because you never liked the blog comment so you are not allowed to unlike it)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 204 No Content: blog comment has been unliked





GET blogs/<blog_comment_id>/likes/all/

What it does: This endpoint is to get a list of all the likes to a specific blog post comment

Request

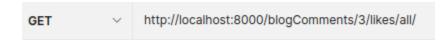
- Url params: blog_comment_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog comment does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: All blog comment likes has been retrieved

Example Response Fail:







GET blogs/<blog_comment_id>/likes/amount/

What it does: This endpoint allows a user to get the number of likes that a blog comment has received

Request

- Url params: blog_comment_id
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 404 Not Found: The blog comment does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Number of blog comment likes has been retrieved

Example Response Fail:





RestaurantComment Endpoints

***These are the same as BlogComments Endpoints, to use them follow the same instructions as the corresponding BlogComment endpoint but replace the word blog with restaurant wherever you see it

Notifs Endpoints

GET notifs/all/

What it does: This endpoint allows user to retrieve all unread notifications

Request

- Url params: N/A
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: all notifications are retrieved

Example Response Fail:





POST notifs/read_all/

What it does: This endpoint allows user to marks all notifications as read

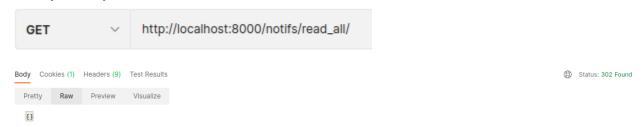
Request

- Url params: N/A
- Permission: Authenticated(provide the token auth)
- Request body
 - N/A

Response:

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 302 Found: all notifications are marked as read

Example Response Success:



Restaurants Endpoints

POST /restaurants/create/

What it does: Creates a restaurant for a user.

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - o name

- address
- post_code
- website
- o phone_number
- description
- logo

Response:

- 400 bad request: The fields were not entered properly(detailed message returned), incorrect postal code format, incorrect website format/invalid website, incorrect phone number format, user can only create one restaurant, etc.
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 201 created: Restaurant created in database



Example Response Success:



Example Response Fail:



PUT /restaurants/edit/

What it does: Edits a user's restaurant.

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - o name
 - address
 - o post code
 - o website
 - phone_number
 - description
 - logo

Response:

- 400 bad request: The fields were not entered properly(detailed message returned), incorrect postal code format, incorrect website format/invalid website, incorrect phone number format, etc.
- 404 Not Found: Restaurant not found. (User has not created a restaurant)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Restaurant successfully updated



Example Response Success:





GET /restaurants/my-restaurant/

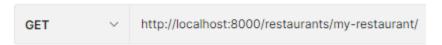
What it does: View a user's restaurant

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - None

Response:

- 404 Not Found: Restaurant not found. (User has not created a restaurant)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Restaurant found and returned



Example Response Success:



Example Response Fail:



GET /restaurants/<restaurant id>/view/

What it does: View info on a restaurant (specified by restaurant_id)

Request

Url params: Restaurant ID

- Permission: Any
- Request body
 - None

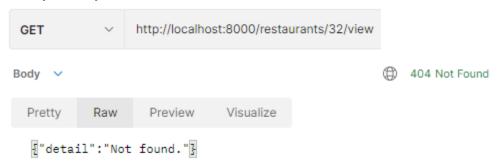
Response:

- 404 Not Found: Restaurant with restaurant id not found.
- 200 OK: Restaurant found and returned

Example Response Success:



Example Response Fail:



POST /restaurants/follow/

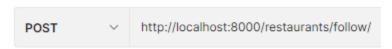
What it does: Follows a restaurant.

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - Restaurant

Response:

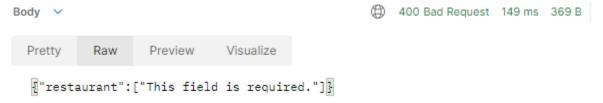
- 400 bad request: Restaurant not provided.
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 201 created: User successfully followed the restaurant



Example Response Success:



Example Response Fail:



DELETE /restaurants/<restaurant_id>unfollow/

What it does: Unfollows a restaurant.

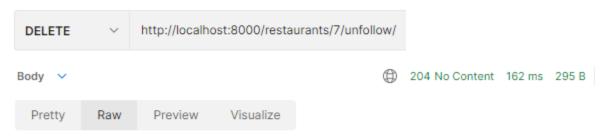
Request

- Url params: restaurant_id
- Permission: Authenticated(provide the token auth)
- Request body
 - Restaurant

Response:

- 400 bad request: Restaurant not provided.
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 403 Forbidden: You do not have permission to perform this action. (Cannot unfollow a restaurant that the user is not following)
- 204 No Content: User successfully unfollowed restaurant

Example Response Success:



Example Response Fail:



POST /restaurants/like/

What it does: Likes a restaurant.

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - Restaurant

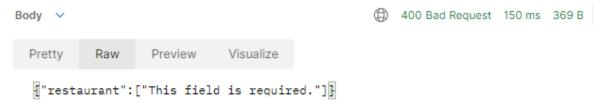
Response:

- 400 bad request: Restaurant not provided.
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 201 created: User successfully liked the restaurant





Example Response Fail:



DELETE /restaurants/restaurant_id/unlike/

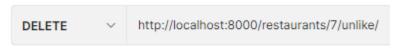
What it does: Unlikes a restaurant.

Request

- Url params: restaurant id
- Permission: Authenticated(provide the token auth)
- Request body
 - None

Response:

- 401 Unauthorized: Could not verify that the sender is a logged in user
- 403 Forbidden: You do not have permission to perform this action. (Cannot unlike a restaurant that the user has not liked)
- 204 No Content: User successfully unliked restaurant





Example Response Fail:



POST /restaurants/image/add/

What it does: Add an image to a restaurant

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - name
 - o address
 - post_code
 - o website
 - o phone_number
 - description
 - o logo

Response:

- 400 bad request: Image not provided.
- 404 Not Found: Restaurant not found. (User has not created a restaurant)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 201 Created: Restaurant Image successfully created.



Example Response Success:





DELETE /restaurants/image/<image_id>/delete/

What it does: Deletes an image for a restaurant

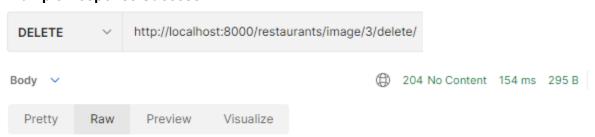
Request

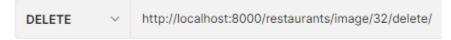
- Url params: image_id
- Permission: Authenticated(provide the token auth)
- Request body
 - o None

Response:

- 404 Not Found: Restaurant not found. (User has not created a restaurant), Image with image_id not found.
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 204 No Content: Restaurant Image successfully deleted.

Example Response Success:







GET /restaurants/<restaurant_id>/image/all/

What it does: Lists all images for a restaurant

Request

Url params: restaurant_id

Permission: None

Request body

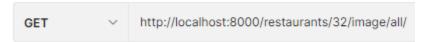
None

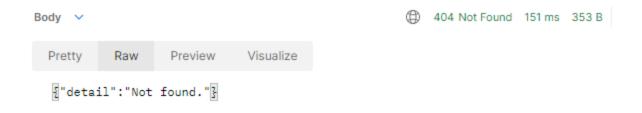
Response:

- 404 Not Found: Restaurant with restaurant id not found.
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Successfully retrieved list of restaurant images

Example Response Success:







POST /restaurants/menu/add/

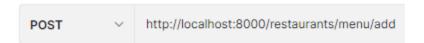
What it does: Add a menu item to the user's restaurant's menu.

Request

- Url params: None
- Permission: Authenticated(provide the token auth)
- Request body
 - Name
 - o Price
 - o Description

Response:

- 400 Bad Request: name not provided, price not provided, description not provided.
- 404 Not Found: Restaurant not found. (User has not created a restaurant)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 201 Created: Successfully created menu item



```
Body V

Pretty Raw Preview Visualize JSON V

"name": "Tuna Roll",
"price": 5.99,
"description": "Roll with Tuna"

5 }
```



DELETE /restaurants/menu/<menu_item_id>/delete/

What it does: Deletes a menu item from the user's restaurant's menu.

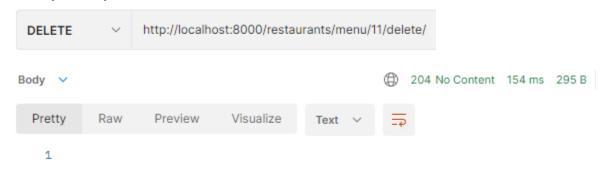
Request

- Url params: menu_item_id
- Permission: Authenticated(provide the token auth)
- Request body
 - o None

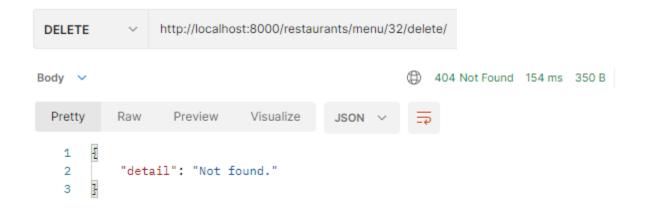
Response:

- 404 Not Found: Menu item not found, Restaurant not found. (User has not created a restaurant)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 204 No Content: Successfully deleted menu item

Example Response Success:



Example Response Fail:



PUT /restaurants/menu/<menu_item_id>/edit/

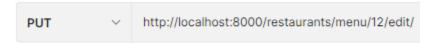
What it does: Edits a menu item from the user's restaurant's menu.

Request

- Url params: menu_item_id
- Permission: Authenticated(provide the token auth)
- Request body
 - Name
 - o Price
 - Description

Response:

- 404 Not Found: name not provided, price not provided, description not provided, Menu item not found, Restaurant not found. (User has not created a restaurant)
- 401 Unauthorized: Could not verify that the sender is a logged in user
- 200 OK: Successfully edited menu item



```
Body V

Pretty Raw Preview Visualize JSON V

"name": "Tuna Roll",
"price": 5.99,
"description": "Roll with Tuna"

5 }
```

GET /restaurants/<restaurant_id>/menu/view/

What it does: View a restaurant's menu.

Request

Url params: restaurant_id

• Permission: None

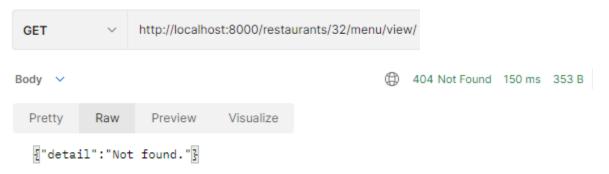
Request body

o None

Response:

- 404 Not Found: Restaurant with restaurant_id not found.
- 200 OK: Successfully retrieved menu





GET /restaurants/search/<str:q>/

What it does: Retrieves restaurants that have <q> as their address, name, or menu item

Request

- Url params: <str:q>
- Permission: None
- Request body
 - None

Response:

- 200 OK: Successfully retrieved restaurant
- No fail response, we just get an empty list if no values are retrieved from search

Example Response Success:

GET /restaurants/followed/<int:restaurant_id>/

What it does: Returns a boolean value indicating whether the logged in user has followed the restaurant with the given <restaurant_id>

Request

- Url params: <restaurant_id>
- Permission: Authenticated(provide the token auth)
- Request body
 - None

Response:

- 200 OK: Returns whether the logged in user has followed the restaurant with the given <restaurant_id>
- 404 Not Found: The restaurant does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user

Example Response Success:

```
Restaurant Followed

GET /restaurants/followed/1/

HTTP 200 0K
Allow: GET
Content-Type: application/json
Vary: Accept

{
    "Restaurant Followed": "False"
}
```

Example Response Fail



```
Restaurant Followed

GET /restaurants/followed/890/

HTTP 404 Not Found
Allow: GET
Content-Type: application/json
Vary: Accept

{
   "detail": "Not found."
}
```

GET /restaurants/liked/<int:restaurant_id>/

What it does: Returns a boolean value indicating whether the logged in user has liked the restaurant with the given <restaurant_id>

Request

- Url params: <restaurant_id>
- Permission: Authenticated(provide the token auth)
- Request body
 - None

Response:

- 200 OK: Returns whether the logged in user has liked the restaurant with the given <restaurant_id>
- 404 Not Found: The restaurant does not exist
- 401 Unauthorized: Could not verify that the sender is a logged in user

Example Response Success:

```
Restaurant Liked

GET /restaurants/liked/1/

HTTP 200 OK
Allow: GET
Content-Type: application/json
Vary: Accept

{
    "Restaurant Liked": "False"
}
```

Example Response Fail:

```
GET /restaurants/liked/85/

HTTP 404 Not Found
Allow: GET
Content-Type: application/json
Vary: Accept

{
    "detail": "Not found."
}
```

```
Restaurant Liked

GET /restaurants/liked/1/

HTTP 401 Unauthorized
Allow: GET
Content-Type: application/json
Vary: Accept
WMW-Authenticate: Bearer realm="api"

{
    "detail": "Authentication credentials were not provided."
}
```

GET /numberfollowers/<int:restaurant_id>/

What it does: Returns the number of followers the restaurant with the <restaurant_id> has

Request

- Url params: <restaurant_id>
- Permission: None
- Request body
 - o None

Response:

- 200 OK: Returns the number of followers the restaurant with the <restaurant_id> has
- 404 Not Found: The restaurant does not exist



Example Fail Response



GET /numberlikes/<int:restaurant_id>/

What it does: Returns the number of likes the restaurant with the <restaurant_id> has

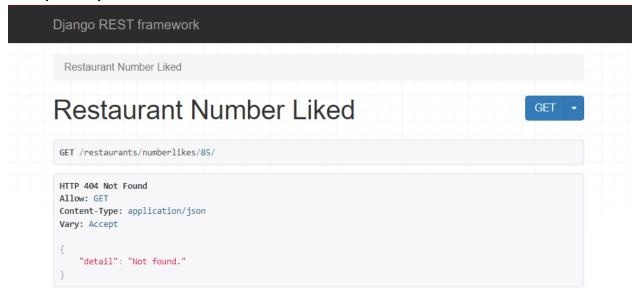
Request

- Url params: <restaurant id>
- Permission: None
- Request body
 - None

Response:

- 200 OK: Returns the number of likes the restaurant with the <restaurant_id>
- 404 Not Found: The restaurant does not exist





GET /images/<int:restaurant_id>/

What it does: Return the images of the restaurant that corresponds to this <restaurant_id>

Request

- Url params: <restaurant_id>
- Permission: None
- Request body
 - None

Response:

- 200 OK: Returns the images of the restaurant with <restaurant_id>
- 404 Not Found: The restaurant does not exist

```
Restaurant Images

Restaurant Images

OPTIONS GET 

GET /restaurants/images/785/

HTTP 494 Not Found
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

{
    "detail": "Not found."
}
```