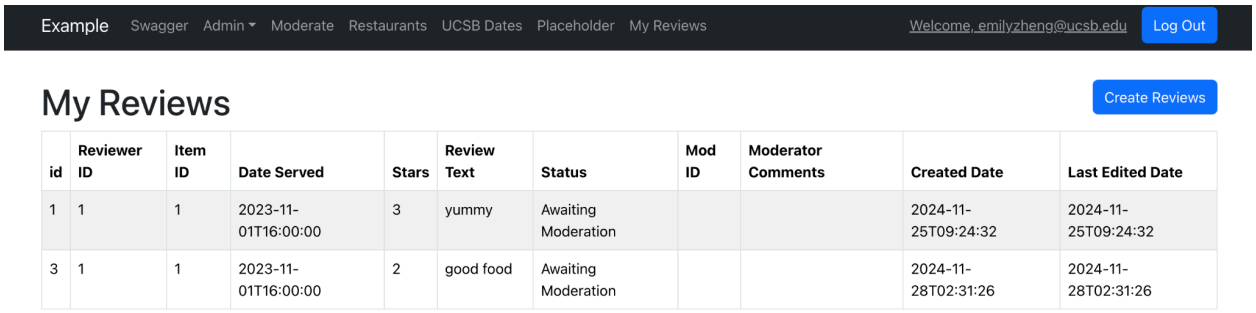
Team 13
CS 156
Project Dining

User Changes

- There is a new menu “My Reviews” which shows all reviews submitted by the user

This can be found at the address /myreviews. It displays all the reviews of the current user. Notice how the ReviewID is the same, indicating that it’s only the reviews from that specific user.

Currently does not have the Edit or Delete buttons enabled.

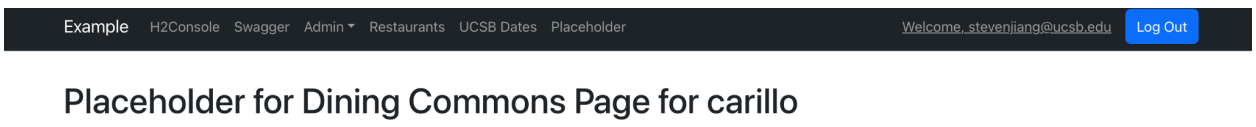


id	Reviewer ID	Item ID	Date Served	Stars	Review Text	Status	Mod ID	Moderator Comments	Created Date	Last Edited Date
1	1	1	2023-11-01T16:00:00	3	yummy	Awaiting Moderation			2024-11-25T09:24:32	2024-11-25T09:24:32
3	1	1	2023-11-01T16:00:00	2	good food	Awaiting Moderation			2024-11-28T02:31:26	2024-11-28T02:31:26

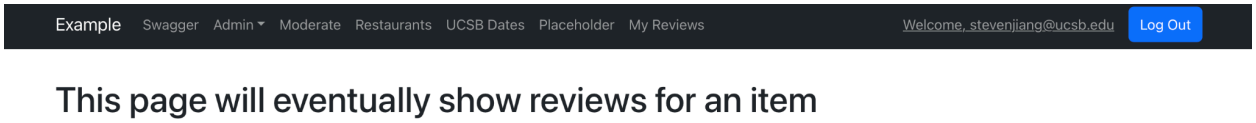
- Added new placeholder pages for features that will eventually be filled with relevant information.

First there is a placeholder at address /diningcommons/:diningcommonscode, which will change its placeholder text depending on the url field /:diningcommonscode.

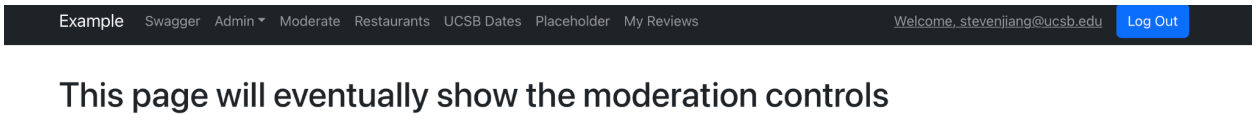
Here is what /diningcommons/:carillo would look like:



Second, there is a placeholder at address /reviews/:itemid.

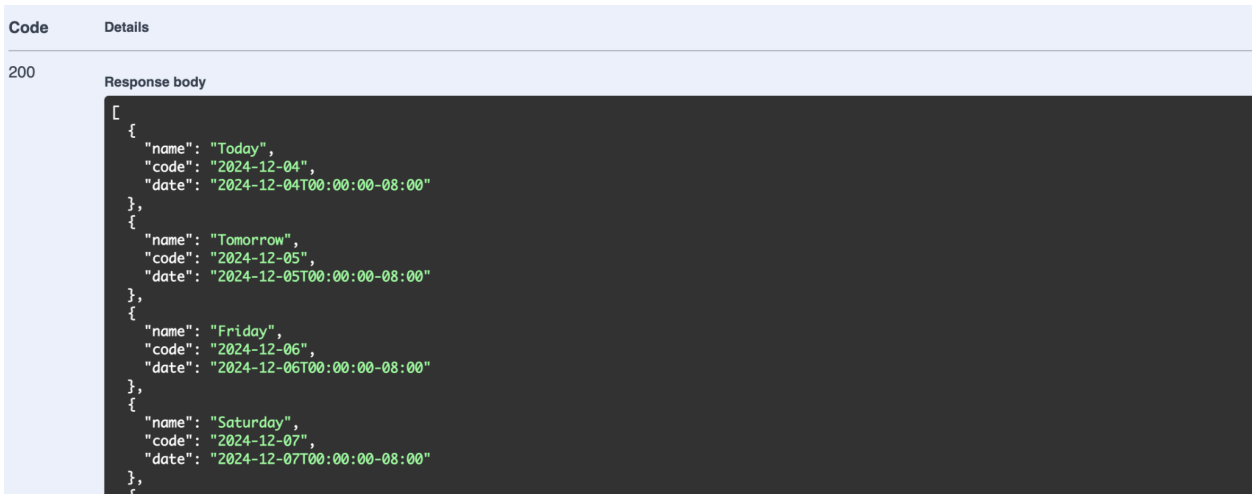


Lastly, there is a placeholder at address /moderate, which can be clicked from the Navbar button labeled “Moderate”.

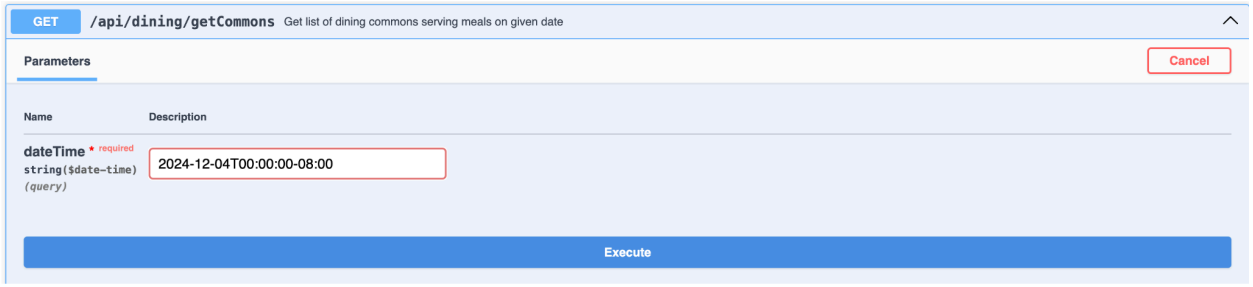


- There is a DiningMenuAPIController accessible on Swagger that returns relevant information from the API

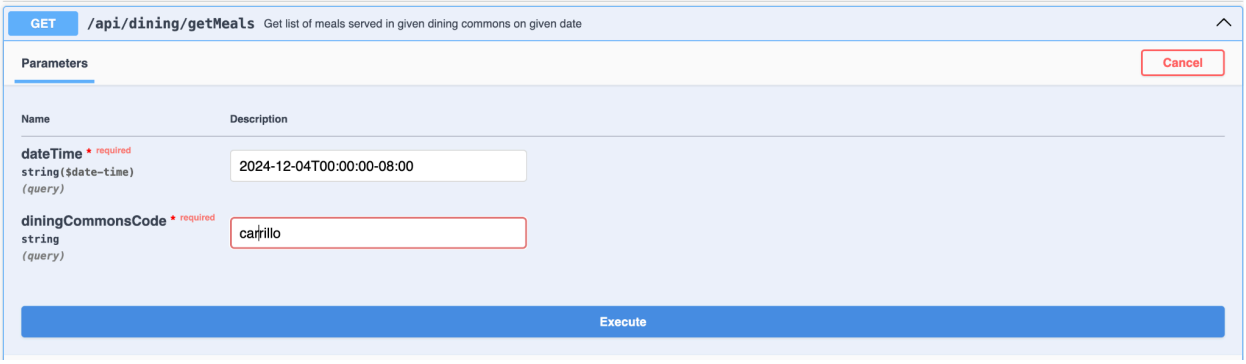
- The first endpoint, getDays(), returns the list of days meal services are being offered at the dining commons, based on data from the API



- The second endpoint, getCommons(), takes in a day and returns the dining commons that are serving meals during that time



- The last endpoint, getMeals(), takes in a day and dining commons, to return which meals are being served at the given time and place



- In addition, if an invalid date and time is entered, an error message is returned by the getCommons() and getMeals() endpoint

Dev Changes

1. New database columns added to “users” database

Added the following rows to the users table:

- alias (String) - The current alias of the user
- status (String) - The state of the alias. Can be “Approved”, “Pending”, or null
- alias_pending (String) - When the user enters an alias, it will be stored in this field until a moderator approves it
- date_approved - The date the current alias was approved

This is what the fields of the new users table look like:

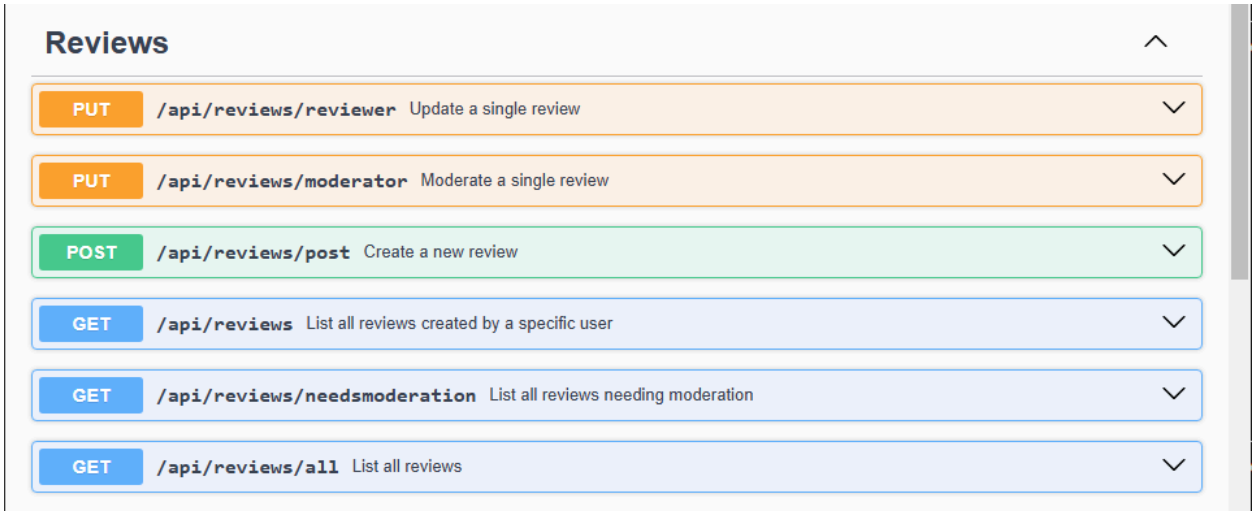
```
                                    Table "public.users"
     Column     |            Type             | Collation | Nullable |              Default
----------------+-----------------------------+-----------+----------+-----------------------------------
 id             | bigint                      |           | not null | generated by default as identity
 admin          | boolean                     |           | not null |
 email          | character varying(255)      |           |          |
 email_verified | boolean                     |           | not null |
 family_name    | character varying(255)      |           |          |
 full_name      | character varying(255)      |           |          |
 given_name     | character varying(255)      |           |          |
 google_sub     | character varying(255)      |           |          |
 hosted_domain  | character varying(255)      |           |          |
 locale         | character varying(255)      |           |          |
 picture_url    | character varying(255)      |           |          |
 alias          | character varying(255)      |           |          |
 status         | character varying(255)      |           |          |
 alias_pending  | character varying(255)      |           |          |
 date_approved  | timestamp without time zone |           |          |
Indexes:
    "constraint_4" PRIMARY KEY, btree (id)
```

2. Added “Reviews” database table + backend api endpoints

Fields used to describe a single user review:

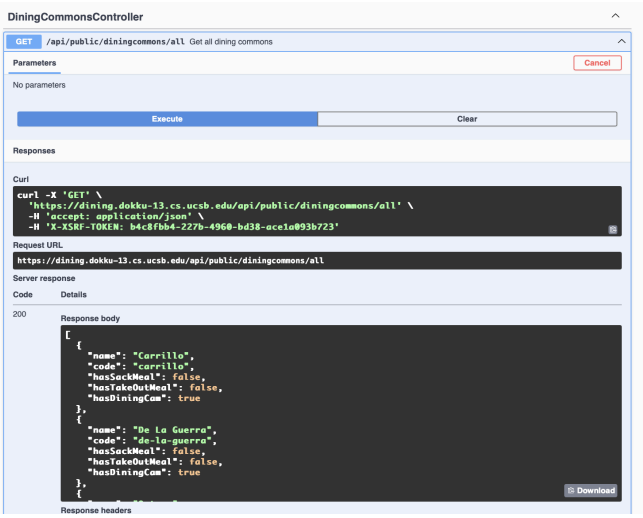
```
                                    Table "public.reviews"
     Column      |            Type             | Collation | Nullable |            Default
-----------------+-----------------------------+-----------+----------+-------------------------------
 id              | bigint                      |           | not null | generated by default as identity
 reviewer_id     | bigint                      |           |          |
 item_id         | bigint                      |           |          |
 date_served     | timestamp without time zone |           |          |
 stars           | bigint                      |           |          |
 review_text     | character varying(255)      |           |          |
 status          | character varying(255)      |           |          |
 mod_id          | bigint                      |           |          |
 mod_comments    | character varying(255)      |           |          |
 created_date    | timestamp without time zone |           |          |
 last_edited_date | timestamp without time zone |           |          |
Indexes:
    "reviews_pk" PRIMARY KEY, btree (id)
```

Controller endpoints to insert/edit/approve/get reviews:



- Regular users can create reviews, update and view their own reviews.
- Admins can additionally list all reviews and reviews needing moderation, and they can approve/reject reviews.

3. Create a service file for get all dining commons:
   - Created a model/entity for attributes related to get all API from https://developer.ucsb.edu/apis/dining/dining-commons. This is then used for the service file.
   - Created a service file to use the API key to access the APIs found in the https://developer.ucsb.edu/apis/dining/dining-commons. The service file allows other files to access the APIs found in the link. It uses the given API key to unlock the access to the APIs given to us.
4. Create a controller file for get all dining commons end point:
   - Created a endpoint which outputs all current dining commons and its related attributes



5. Create a fixtures file for Dining Commons
    - The fixture file provides sample data in JSON format, representing Dining Commons objects and attributes as returned by the GET API endpoint

6. Created Table, Story Component for Dining Commons
    - Have implemented the table component and tests for the table component for presenting the Dining Commons data which contains all the necessary attributes in the columns.
    - Created a storybook component for dining commons to visualize testing and development of the user interface

7. Create a service file for DiningMenuAPI
    - Accesses the dining menu API using the given API key to retrieve relevant information about meal services

8. Create a controller file for DiningMenuAPI
    - Create an endpoint which outputs all the days meal services are running
    - Create an endpoint which outputs which commons are serving meals on the given day
    - Create an endpoint which outputs which meals are being served on the given day at the given commons

Future Improvements:

- Create DELETE endpoint, allowing admins to delete any review.
- Use item_id field to join menu item information alongside the review.
- Integrate unused endpoints into frontend user interface
- Create a GET endpoint, which outputs the menu items being served on the given day at the given commons at the given meal time