



Eggstagram

Meet the Developers

We Are Computer Science Students @ UCLA



Celebi Law

Hello, this is Celebi.



Joel Hernandez

Hello, this is Joel.



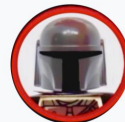
Marisa Duran

Hello, this is Marisa.



Noah Gardner

Hello, this is Noah.



Matthew Workman

Hello, this is Matthew.



Project Overview

- ❖ Food review blog and social network about UCLA dining halls
- ❖ Way to review campus food, learn about others' likes and dislikes
- ❖ Create accounts and login to post reviews
- ❖ Like and comment on posts, edit and delete your own



What is this website about?

Motivation	▼
Functionality	▼
Purpose	▼

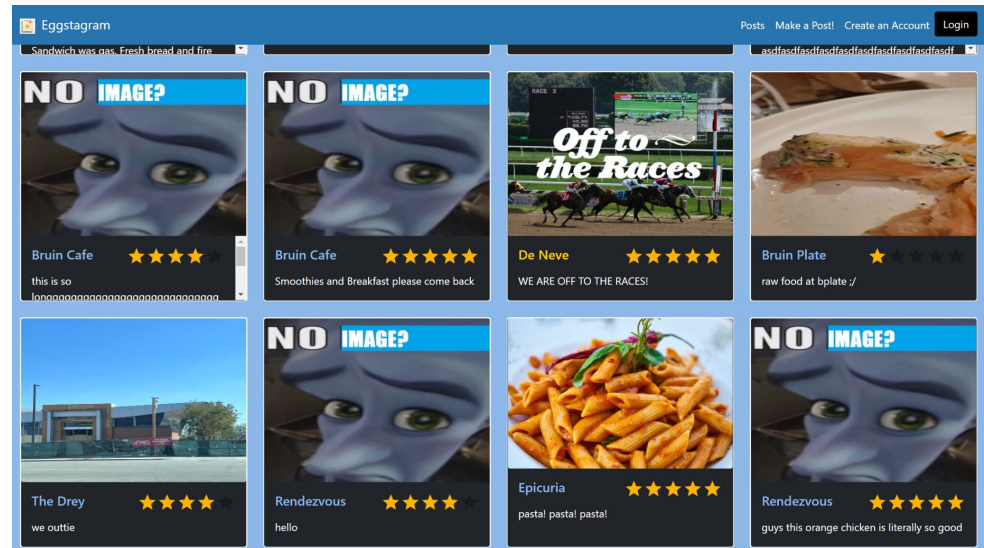
Implementation and Tech Stack



- ❖ MERN Stack Web Application
 - Mongo, Express, React, Node
- ❖ Material-UI and Bootstrap 5 – CSS Frameworks
 - aesthetic, interactive, and responsive designs
- ❖ Axios (promise-based HTTP Client)
 - frontend sends HTTP requests(post, get, etc.) to server on the backend
- ❖ JSX ➤ HTML + Javascript
- ❖ React Functional and Class Components
 - split elements into independent, reusable pieces
 - Functional : Posts, Comments, Searchbar
 - Class : PostLists, Navbar, ViewPosts, etc.

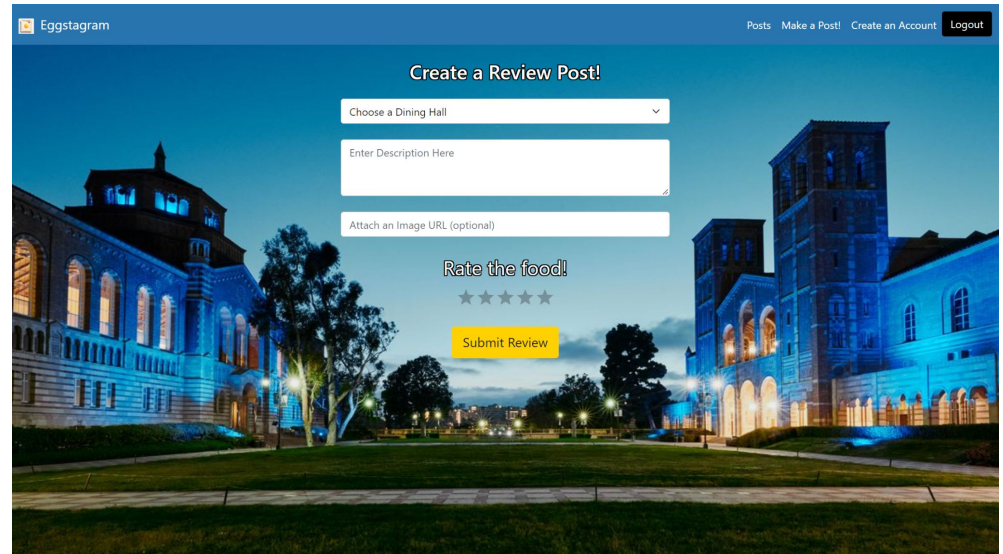
Displaying Dynamic Data

- ❖ Users will see others' new posts upon each visit to the website
- ❖ The posts' likes & comments will change as people interact



Uploading Data from the Client to the Backend Server


- ❖ Can post their reviews, containing text, image, tag, and star rating!
- ❖ Can like and comment on posts
- ❖ Can edit and delete your posts



Searching Through Server-Side Data

- ❖ Can search to find posts matching certain keywords
- ❖ Can login to your account



 Eggstagram

Review Feed

✕

pasta! pasta! pasta!

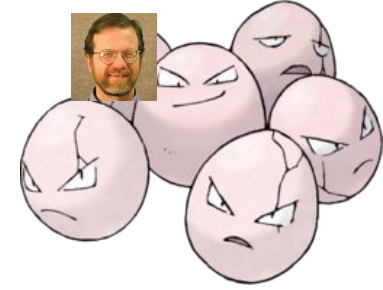
Or filter by tag!

▼

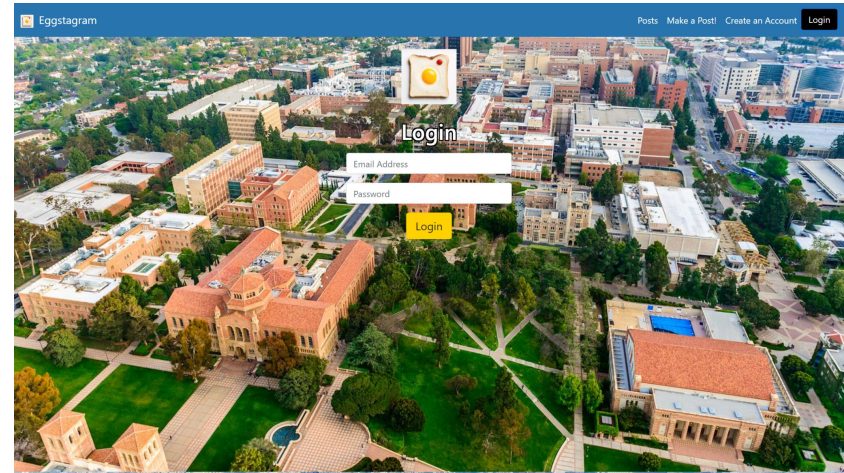
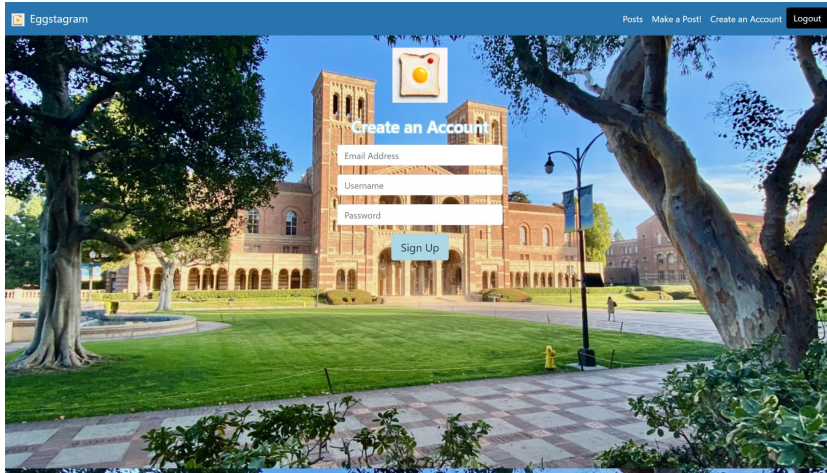
Or filter by rating!

★ ★ ★ ★ ★

Feature #1: User Account System

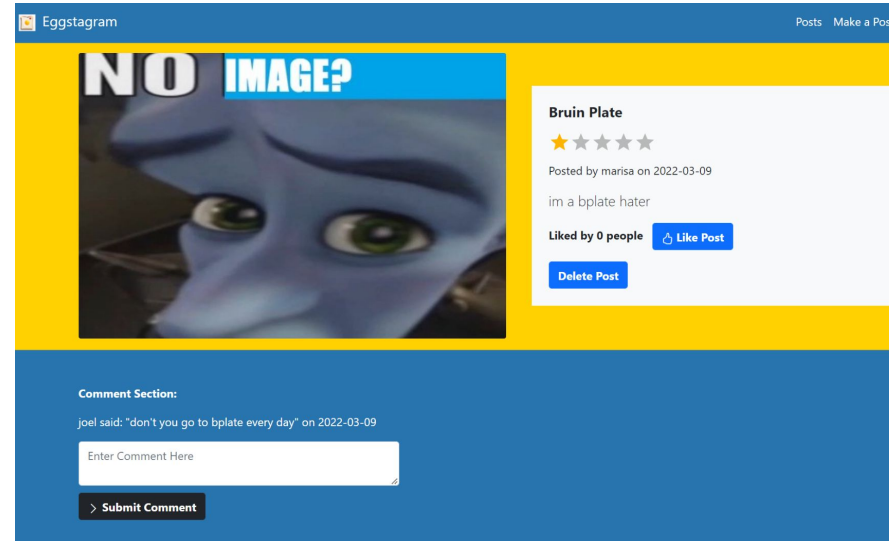


- ❖ Can create accounts (username and email unique)
- ❖ Security: passwords are hashed, token sent back if valid credentials
- ❖ Login allows for certain account-specific features



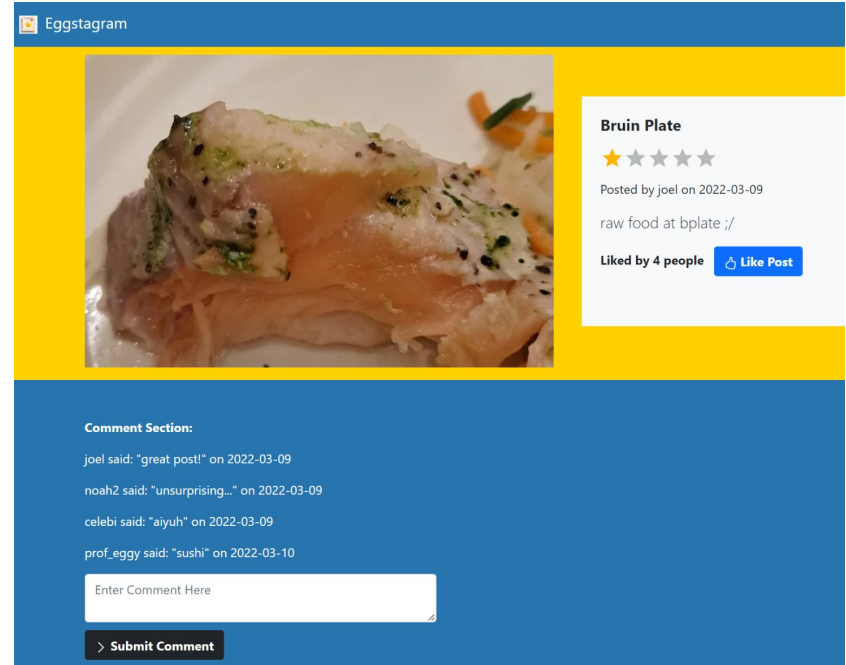
Feature #2: View Each Post Individually

- ❖ Click on a post in the feed to view more information about it
- ❖ Click on a search result to view the post individually
- ❖ See date posted, comments, and likes



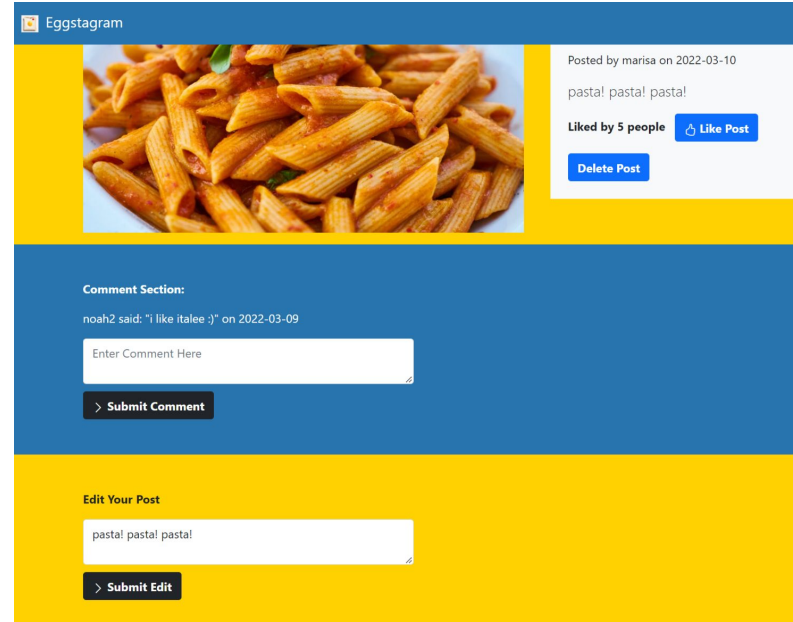
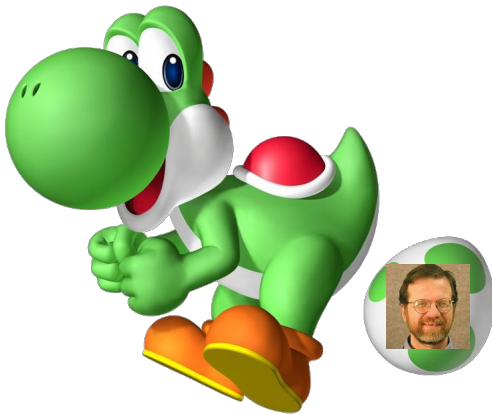
Feature #3: Likes and Comments

- ❖ If logged in, users can like and comment on posts
- ❖ Only 1 like per post per user, unlimited comments



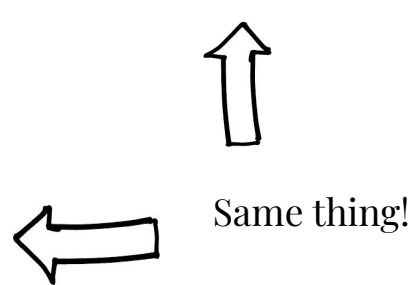
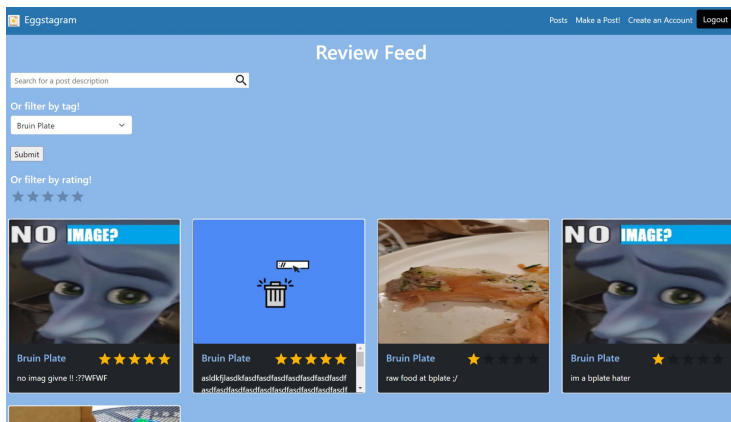
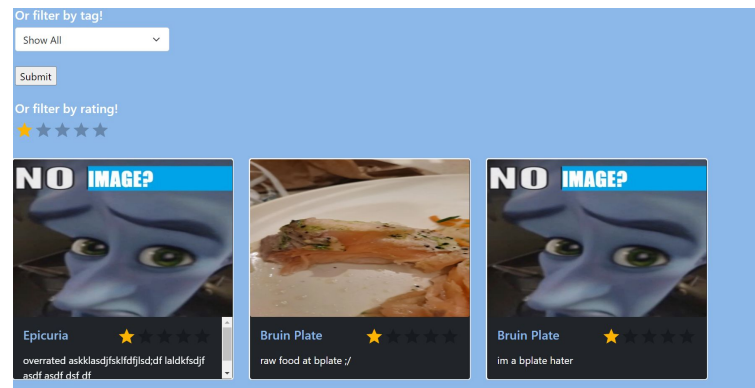
Feature #4: Edit and Delete Posts

- ❖ If logged in and on one of your posts, the option to edit or delete the post will appear
- ❖ Change the text in the edit box & submit to edit, click delete button to delete



Feature #5: Filter by Dining Hall and Rating

- ❖ Users can sort/filter through their feed by picking a star rating or dining hall



DEMO TIME



Actual depiction of my mental health

