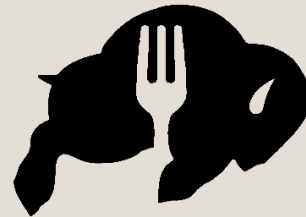




CSCI 3308 PROJECT

Luke, Yusuf, Andy, Rodolfo

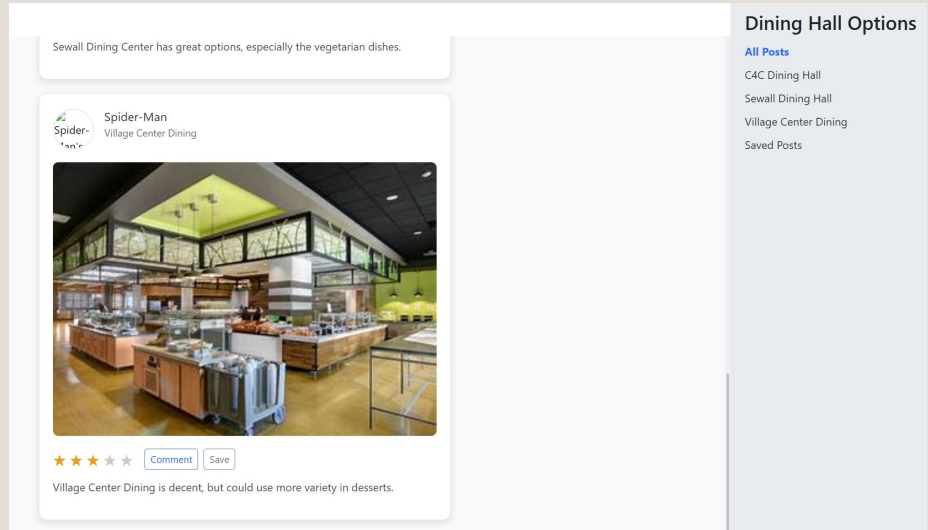


# DiningGram

# Project Description

Our website is a social media platform that revolves around the dining halls on campus. Users can upload pictures of their food and dining hall experiences. On their posts, they can include a rating for the dining experience, a dining hall location, and a caption. Users can view other posts and save and leave comments on them, and they can click on the dining hall location to view posts from that specific dining hall.

The user can also edit their profile, adding a profile picture and bio, and view other user's profiles, where they can see that user's posts. Through our social media platform, students will be actively engaged in creating a community-driven resource to improve their overall dining experience by discussing the best and worst aspects of each dining hall. With this tool, students will have the opportunity to share constructive feedback, make informed dining decisions, and contribute to a positive impact on campus.



## Preview of site UI

# Tools used

Github

5/5

Very useful for version control and collaboration

VSCode

4/5

Great platform to code, terminal is useful and can easily load site through Docker

PostgreSQL

3/5

Confusing to work with, but useful for database purposes

HTML, CSS

5/5

Easy and intuitive, great tools for front end development

Handlebars

4/5

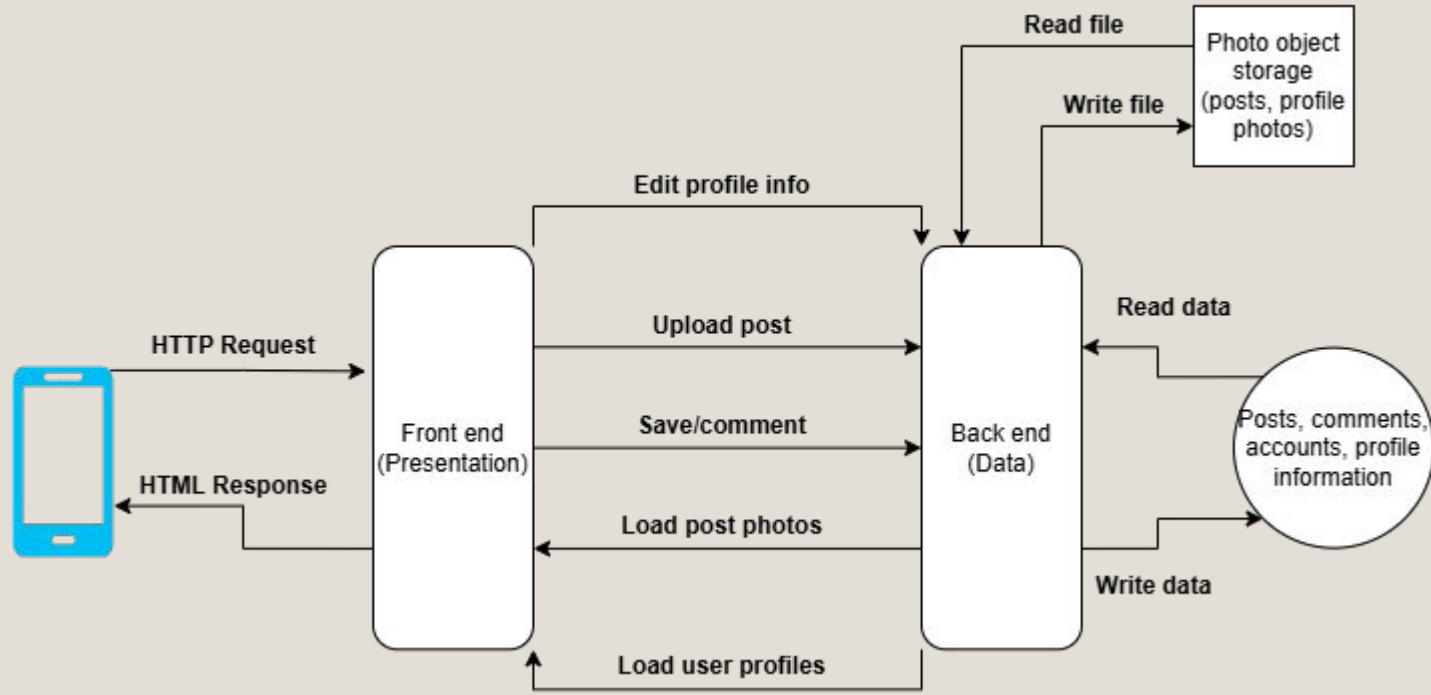
Helpful for creating reusable templates for repeating UI elements

Javascript

2/5

Very annoying to work with, but necessary

# Architecture Diagram



# Challenges

Front end

## Consistent formatting

With everyone working on different parts of the website, it became a bit of a challenge to make sure the formatting was completely consistent across pages. However, with handlebars elements, this became easier to work through.

## Page routing

It was time consuming to figure out how and where in the UI all the pages should connect to one another for the best user experience.

Back end

## Storing images

Figuring out how to store image files on the server was very difficult and possibly the hardest challenge we faced, as the user must be able to upload images to post and those images need to be loaded by others.

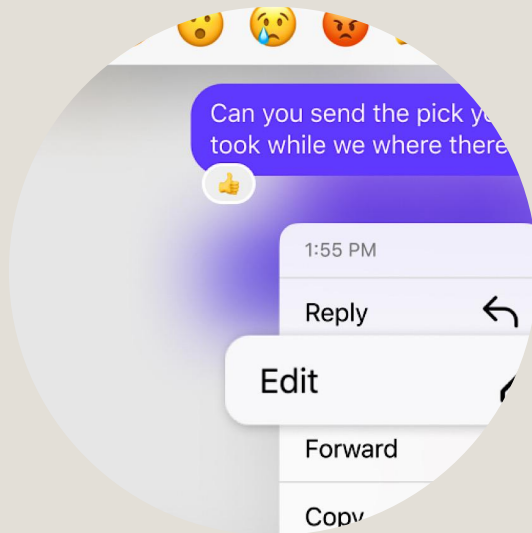
## Comments

The comment system was a challenge to implement, but it was a necessary feature to make sure discussion is being encouraged about the campus dining halls on the platform.

# Future Scope

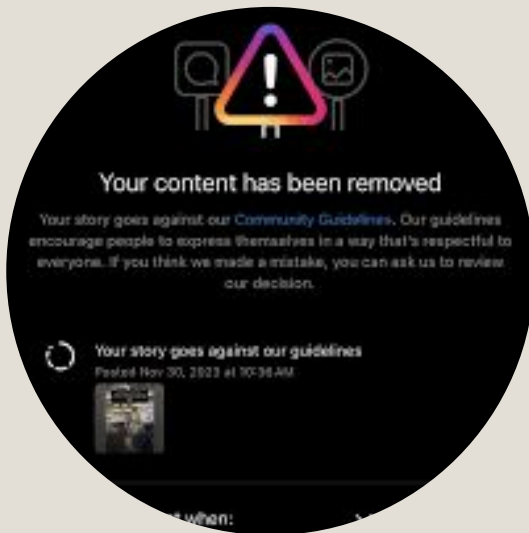
## Add private messages

Add a system where users can message friends to talk about dining halls and schedule their next experiences.



## Add content moderation

Currently there is no content moderation or filter, which is necessary for a growing social media platform.



## Add video capabilities

People love to post videos, currently the site only supports images.



# Project demo

<https://dininggram.onrender.com>

# Thanks for watching

DiningGram

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Join dining gram!

