UCLA Dining Hall Reviews

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Overview

- Web application that provides users a platform to post and view reviews of UCLA dining halls, inspired by Yelp
- Motivated by a love for food!
- Displays dynamic data by showing reviews that update as new ones are posted
- Stores reviews and user information to backend
- Users can meaningfully search through data with the search bar on the homepage

Unique Features

1) Users can create an account with a username and password
2) Users can leave reviews for a dining hall
3) User can visit dining hall pages that show the reviews for that dining hall
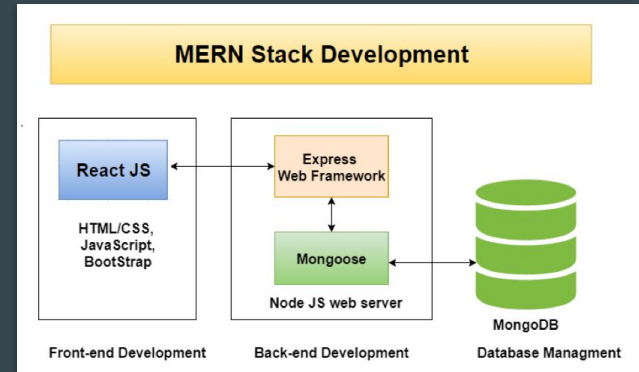
How Our App is Built

MERN Stack:

- MongoDB: database that processes data such as reviews and user information from JSON documents and stores for future retrieval
- Express.js and Node.js: server-side framework that makes HTTP requests to the database
- React.js: uses components to build frontend of website[1]

Bootstrap:

- Free and open-source CSS framework to include features such as modals, navigation bar, alerts, and forms

Structure of MERN stack[2]

App Demo!

Future Improvements

- Adding likes and tags to reviews
- Being able to visit other users' pages and see all of their reviews
- Authenticating users via UCLA Logon so only people with a UCLA email can write reviews

Citations

1. Mongo DB, Inc. "What Is the MERN Stack?" *MongoDB*, https://www.mongodb.com/mern-stack
2. Tanjona. "How Do Mern Stack Technologies Work Together?" *Bocasay*, 4 Mar. 2020, https://www.bocasay.com/how-does-the-mern-stack-work/