

RECIPE FOR ALL

Kyle Abrahams

MISSION STATEMENT

“Those who seek food, need to collect food.”

- It's important not to let the pandemic, take down people's appetite. People need homemade recipes they can refer to.

WALKTHROUGH OF USER FLOW

<https://recipe-for-all.herokuapp.com/>

AUTHENTICATION PAGES

Security First!

- Cookies
 - HTTP-Only cookies to avoid XSS(cross side scripting) attacks
 - Cross side scripting using javascript can access localStorage and obtain important information like a jwt token that authenticates the user's actions during a session.
 - HTTP-Only cookies resolves this common problem since scripting languages cannot access HTTP-Only cookies, HTTP-only cookies cannot be read with javascript
 - They are still stored in browser
- Secure Session w/JWT
 - Keeps track if user is still logged in or not to maintain security, and also lets the user login to a safe session if not already
 - JWT token is stored within HTTP only cookie so it cant be accessed via javascript by hackers
 - JWT helps with authentication and make sure that the user is who they say they are the entire time during the session

HOME PAGE

- Highly Accessible
 - Easy to Read instructions for the user to access
- <https://recipe-for-all.herokuapp.com/>

SEARCH FEATURE

- Users can search for a large variety of recipes through the Edamam Recipe API!
- <https://recipe-for-all.herokuapp.com/search>

USER CATEGORY FEATURE

- Users can create an infinite number of categories to store their recipes
- Users can delete categories that they create and save recipes to specific categories of their own

FUTURE PLANS

- Paginated Frontend and Backend
 - Reasoning: As user categories grow, one page would be too overwhelming for categories
 - Also paginating REST APIs(backend) allow for parallel requests which would allow for faster querying and data being sent back to the user to view
 - Implementation Plan:
 - Obtain a custom react hook to accomplish paginated front end
 - Paginate the Rest API since could deal with a lot of data as user base increases
- Search Autocompletion for Categories
 - Reasoning: For better user experience, since user could potentially make a lot of categories
 - Implementation Plan:
 - Add fuzzy searching in mongodb through search index
 - Include search index within Rest API for mongodb aggregations
 - Add a Search Bar on front end to take in queries for backend mongodb aggregations related to fuzzy searching
- Mobile Responsiveness
 - Add Snackbar
 - Include Navigation links inside snackbar menu