DeliciousMeal.net

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Development

Security Tools

Features

Node Js Integration

Brainstorming

Frontend Development

Database Design

Group Organization

- We met once a week for two hours on Monday.
- We split our group into smaller subgroups that worked on different parts of the project:
  - Back-end/Database: Dan & Tim
  - Front-end: Asmita & Pepe
  - Node.js Search Engine: Jan & Jackson

Meal Planning App Goals

- User Accounts
  - Secure signup and login
  - Create and Save Shopping Lists
- Share and Find Meals
  - Upload Recipe Feature
  - Search Recipes Feature
    - Search for Misplled Wrds
    - Exclude Allergies

Development Tools

Development Tools

- Slack
  - Purpose - Communication
  - Rating - 4/5
- Github
  - Purpose - Version Control
  - Rating - 5/5

Basic Design

1. Get/Post Request
2. MySQL Query
3. Response

Database Design

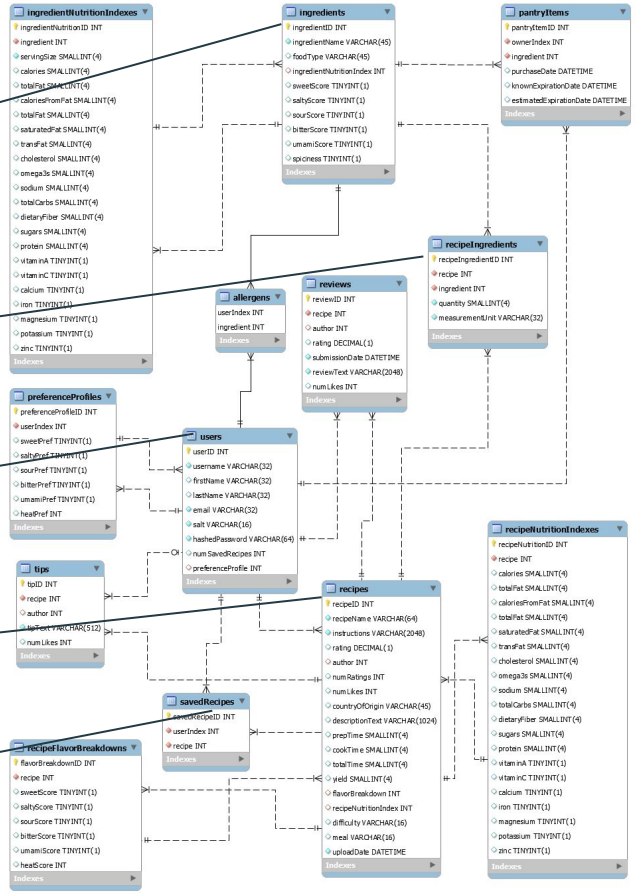
Ingredients

Recipe Ingredients

Users

Recipes

Saved Recipes



Database Challenges

- Initially overdesigned
  - Waterfall mentality
  - Some tables are implemented but are not used.
    - Pantry, Tips, Reviews.

Security

Random #

SHA 256

User Generated Password

Unrecognizable but unique hashed value

Search Feature

- Soundex
  - Phonetic Algorithm
  - Considers Consonant Sounds
  - Native to MySQL

Letters	Assigned Code
a, e, i, o, u, w, h, y	0
b, f, p, v	1
c, g, j, k, q, s, x, z	2
d, t	3
l	4
m, n	5
r	6

Demo

Deploying Via Local Host