

TheMenu

DEVELOPMENT PLAN

Schema

Account(id, owner_eater_id, current_recipe_id, is_admin, password, email, username)

Eater(id, account_id, name, description, chef_level)

Meal(id, recipe_id, result_image_id, date)

Image(id, name, binary, type, size)

Ingredient(id, image_id, description)

Tag(id, string)

Instruction(id, recipe_id, image_id, description, number)

Recipe(id, submission_account_id, example_image_id, eater_amount, rating, prep_time, difficulty, description, title)

Platform

- Back-end – Node.js (CoffeeScript/JavaScript, Jade/HTML)
- Server – CentOS 7
- Front-end – Bootstrap, jQuery (CSS, CoffeeScript/JavaScript)
- Database – MariaDB
- VCS – GitHub (Git)

Data

- User entered inventory and reviews
 - Statistics are generated from this data
- User entered recipes
 - I will enter a bunch of random recipes I find online to start a list
- User entered ingredients
 - I will enter a bunch of known ingredients to start it off

Distribution of Labor

As a one man team, it was quite difficult to reach a consensus. After much debate, I have decided on the following:

- Jared will do the entire project like a boss

Timeline

#1 Framework

- [4/3] Setup version control
- [4/3] Complete Node.js base on server
- [4/4] Implement schema into database

#2 Front- End Base

- [4/6] Create all main routes and their basic views
- [4/8] Create all needed form views as well as the error checking up to the ajax

#3 Database Connection

- [4/10] Create needed models for the database interactions
- [4/10] Add model functions needed for basic queries listing content
- [4/11] Add model functions as needed for all form submissions for raw data collection

#4 Implement Features

- [4/12] Finalize user signup, login, and sessions
- [4/13] Finalize ingredient browser & submission
- [4/13] Finalize recipe browser & submission, including tag system
- [4/15] Finalize eater manager & profiles
- [4/15] Finalize meal selector & reviewer
- [4/15] Finalize pantry editor
- [4/17] Finalize suggestion system

#5 Data Collection

- [4/18] Add 50+ standard ingredients
- [4/18] Add 50+ recipes from other websites
- [4/19 - 4/22] Use the system for 3 meals

#6 Finishing Touches

- [4/20] Improve front-end design for enhanced user experience
- [4/21] Add icons, images, and create logo
- [4/22] Complete Final Report
- [4/23] Submit Project