The Respicy Index

## Overview:

The Respicy index is a premium resource to manage and collect recipe data and distribute it to consumers. The index aim is to locate, manage, and post recipes in an organized and simplified format to improve ease of use to the end user.

## Our Design:

### Landing Page

* + Sign in sign up
  + About us
  + Recipe Teaser Cards
  + Contact us

### Main Page

Header

Website Name

Profile

Title Bar

* Logo
  + Home
  + Browse “ these will use a filter system”
    - By Meal
      * Breakfast, lunch, dinner, desert, snack
    - By Ingredient
      * chicken, beef, fish, ect.
    - By cooking method
    - Dietary Restriction Vegan/ vegetarian
  + Top 10’s
    - Top 10 stared recipes in our database
  + Random Recipe
    - Loads 1 random recipe per-click
  + FULL Index
    - List of just text to all hyperlinks contained within database
  + Meal Plan Calculator
    - Calorie counter
    - Micro/macro intakes
* Search for recipe, search button for filter page with selections drop boxes check boxes and additional filter systems
* Search Bar for index general searches to find recipes
* search display page to list results

Body

* Food scroll loaded with 10-12 clickable cards to hyperlink to recipe page loaded with the info
* Top 5 visited today
* 10 cards Check these out!
* Our recommendations

Footer

* Contact/ Help page
* Table of contents – “will only be restricted on the landing page
* Informational/ about us page
* FAQ
* Common Questions page for self-assistance
* Copyright

### The Page When Recipe’s Load

* Title bar will be constant on all pages
* Star, favorite, save, copy, print
* Always have search function
* Title of the searched Recipe
* An image for the recipe food item
* Cook and prep times
* Ingredient’s list with measurements
* Servings
* Instructions on preparations and cook times
* Suggestion to similar recipes
* Cards for more recipes
* Allergies, food type/ cuisine tags?
* Footer will be constant on all pages

### The print pages

* Simpler version of Recipe load
* Check boxes for what the end user would like to print then a print button for what is displayed and selected
* Ingredient/serving scaling options

### User Profile page

* Username
* Icon 48x48
* Store true name
* Email contact
* Favorites list
* Reviewed Started
* Personal Creation list
  + Private
  + Public: would be shared with our database and by user #their name
    - Example Chicken by #redshoe132
* Internal organisation for favorite/created recipes?

### Recipe Creation page

* Fill in for our public/private posts by users for recipe’s
* Image (optional)
* Ingredients
* unit of measure
* servings
* Instructions

### Contact us page

* Have general fill out
* sends back an auto we will contact you email response, reiterating the concern

### Admin Page

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**FRONTEND THOUGHTS**

======================================================================

HTML5

CSS3 and Tailwind

Javascript

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**RESTful API**

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Following the CRUD method

“Create, reuse, update, delete”

Stateless

Resource oriented

PHP

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**BACKEND THOUGHTS**

======================================================================

NODE.js + Express

**with**

PHP

MySQL (RBDMS of some sort)

Helment.js for security

- we would use this for assistance in filters, sql injections, etc.

Need a relational schema

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**future integration with a Host domain**

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Aws

Ec2 instance s3 bucket rds database and we need an api gateway, domain name and etc……

Filtering for search

* By meal
  + Breakfast
  + Lunch
  + Dinner
  + Desert
  + Snack
* Cooking Method
  + Fried
  + Sauteed
  + Roasted
  + Baked
  + Grill
* Ingredient Restrictions
  + Diary Free (no milk, cheese, yogurt, cream, et…)
  + No Nuts (almonds, pecans, walnuts, cashew)
  + No Peanuts
  + Vegetarian (No meat)
  + Vegan (No animal products)
  + Gluten Free?
* Key Word Search?
  + Mini search that keyword searches ingredients