Breakfast

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Team 26: Dijkstra's Alcoholism
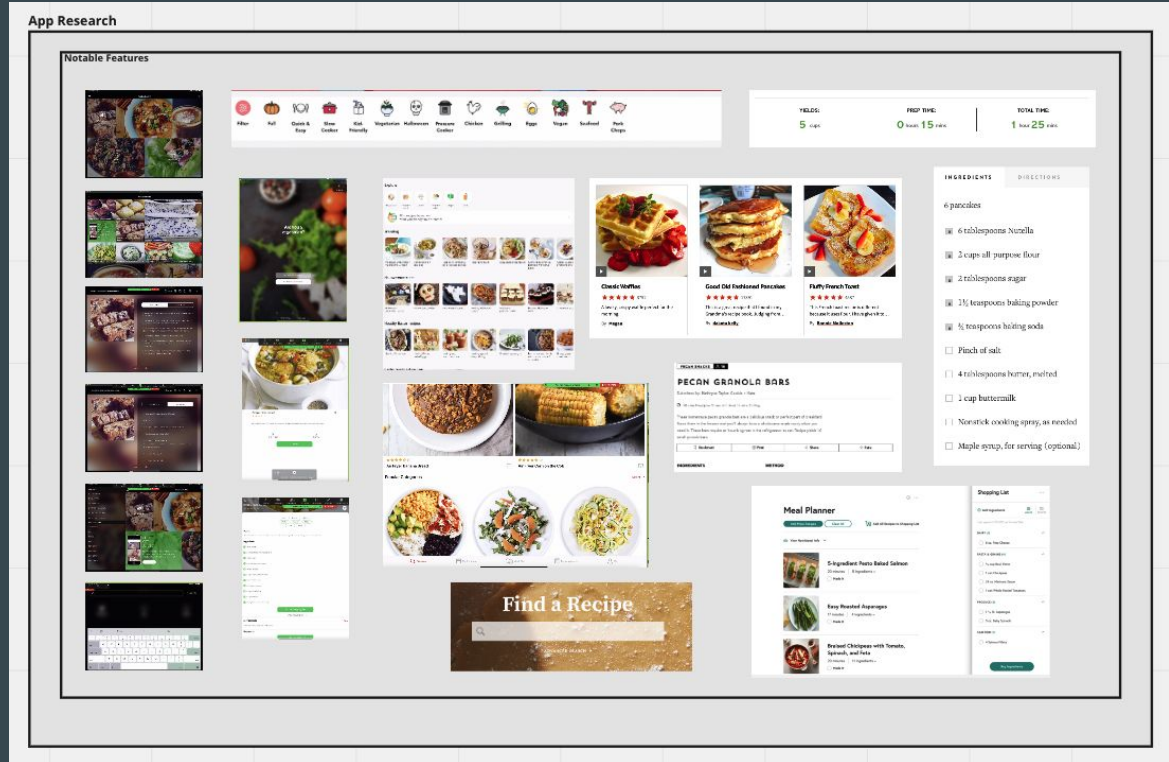
Content

Project Statement and Research

We discovered that while there's many recipe apps out there, none of them speak to our heart: Breakfast!

So, we at Dijkstra's Alcoholism want to provide a collection of different breakfast recipes and give users an app to start their morning.

Problem

The raw idea, a use case, or something we've seen that motivates us to work on this

- User wants to try new breakfast recipes and expand their breakfast options.

- They want a one-stop for all breakfast options; organized database for easy browsing and searching.

- Users dive into a recipe without knowing how long or difficult it is to make..

- Also want ability to write and store personal recipes for later reference.

Appetite

How much time we want to spend and how that constrains the solution

- Our time constraint is ~5 weeks

- Student schedule - not everyone available at the same time for teamwork

- Will implement essential recipe and CRUD features, before trying other features

Solution

The core elements we came up with, presented in a form that's easy for people to immediately understand (either through UI/UX or core features)

- Create personal recipes
- Update personal recipes
- Delete personal recipes
- Browse recipes from local machine
- Browse recipes from main page (server)
- Search query for recipes
- Select recipe
- Load recipe details

Rabbit Holes

Details about the solution worth calling out to avoid problems

- Search
    - Filtering depth
    - Complexity
    - Scope and specificity
- Users' local recipes
    - Users can create and store their own recipes that only they have access to.
    - This is stored locally and cannot be uploaded or shared.
- Creating/Editing Recipes
    - Users can only edit the ingredients, image, and recipe steps in the editor for simplicity

No-Gos

Specifically excluded from the concept:

- Non-breakfast meals
    - Vastly shrinks scope of recipes
- Users integrating local data (Cloud storage)
    - Only local storage
- Currently no text-to-speech, voice recognition, or other audio based features

User Personas

Veggie Vanessa

Name: Veggie Vanessa
Bio: Animal and environment activist.

Goals
- Engage in animal rights and environment movements
- Be able to get
- Active on social media

Frustrations
- Doesn't like animal abuse or neglecting the environment
- The meat industry

Healthy Hanna

Name: Healthy Hanna
Bio: Cares about health and nutrition.

Goals
- Eating mainly healthy foods
- Maintain a healthy lifestyle
- Have a regulated diet via nutritionist

Frustrations
- non organic food
- lack of nutritional information
- take out

Novice Nathan

Name: Novice Nathan
Bio: Is a novice at everything because he like to try new things!

Goals
- Learn how to cook
- Use an intuitive and simple app
- Wants clear and easy recipe steps to simplify process

Frustrations
- Confusing and chaotic apps
- advanced cooking techniques and terminology
- strange/unorthodox ingredients

Chef Charles

Name: Chef Charles
Bio: Loves to cook and has much experience with cooking. Opened his own restaurant.

Goals
- Challenge themselves with new recipes
- Perfect a recipe
- Wants to explore new exotic ingredients

Frustrations
- No simple recipes
- Not too many recipes with 'new' ingredients

Student Stan

Name: Student Stan
Bio: Graduate student at university pursing his education in Computer Science

Goals
- Graduating his Master's Program
- Saving money to pay for his education
- Do well in his classes
- find a few good recipes that he can recreate again and again

Frustrations
- Hates spending a lot of time on things outside of his studies
- Not being able to understand things quickly
- long and expensive recipes

Bro Brad the GigaChad

Name: Bro Brad the GigaChad
Bio: Gym and sports enthusiast who works out and exercises consistently.

Goals
- Win bodybuilding competitions
- Win sports competitions
- Maintaining physical strength and build
- find a recipe that has his necessary nutrition

Frustrations
- Doesn't like missing meals for any reason
- Bulking more than intended
- Missing leg day

Merica Mike

Name: Merica Mike
Bio: Loves America, hunting, grilling, fishing, and meat.

Goals
- Live out in the woods in a log cabin
- The Anti-Vegan
- wants a traditional recipe that is quality

Frustrations
- Rabbit-food diets
- Vegetables
- "trendy" recipes that deviate from the standard norm
- confusing apps

'Andrea Marchisio'

Name: 'Andrea Marchisio'
Bio: Movie actor, sing a songwriter.

Goals
- Want to be world famous actor
- Need lots of time to practice acting
- Fast and healthy food recipe

Frustrations
- Funny voice
- Too much sleep
- Procrastinating
- difficult to use websites/apps

Features

Defining Essential Features

- Ability to search for recipes
- Ingredient list displayed
- Recipe List
- Recipe Steps
- Recipe image displayed
- Front page listing categories for browsing
- Home page with a variety of recipes shown
- Time it takes to make recipe
- Specific recipes have their own webpage

Researched Features

- Shared Ingredients / Recipe Page
- Save and bookmark favorite recipes
- Visuals of recipes for selection emphasis
- Filters with icon tabs
- Recipe Creation Option
- Create shopping list from ingredients list
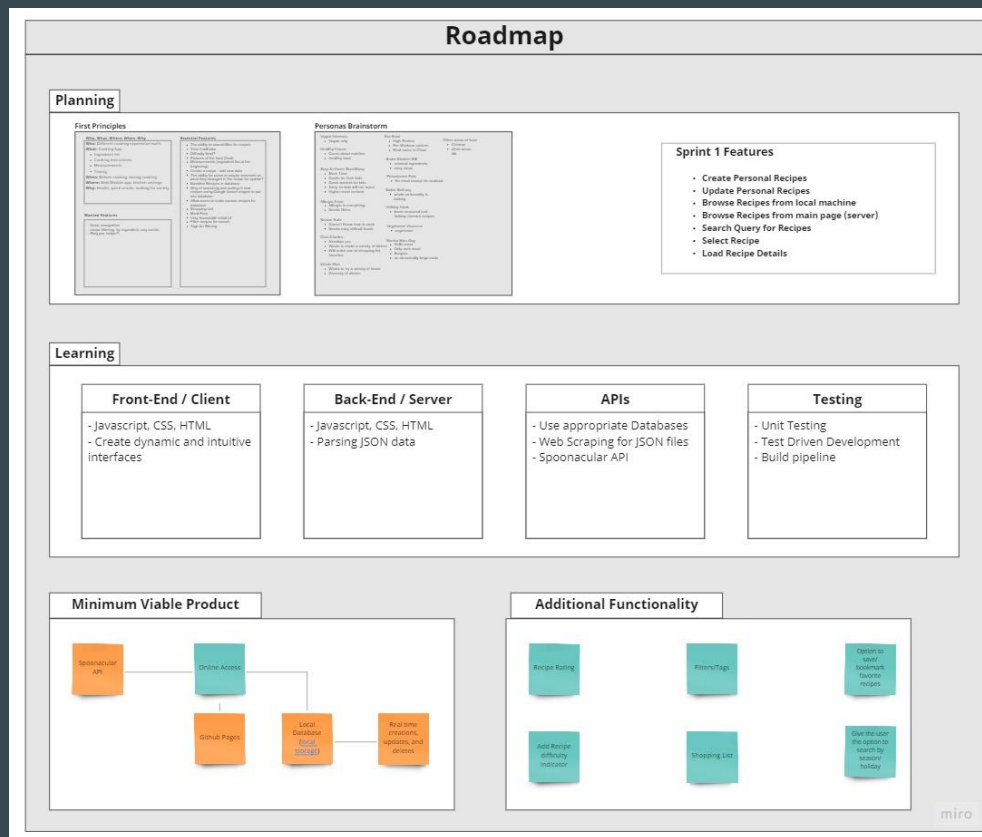- Specify difficulty of the recipe
- Prominent search bar
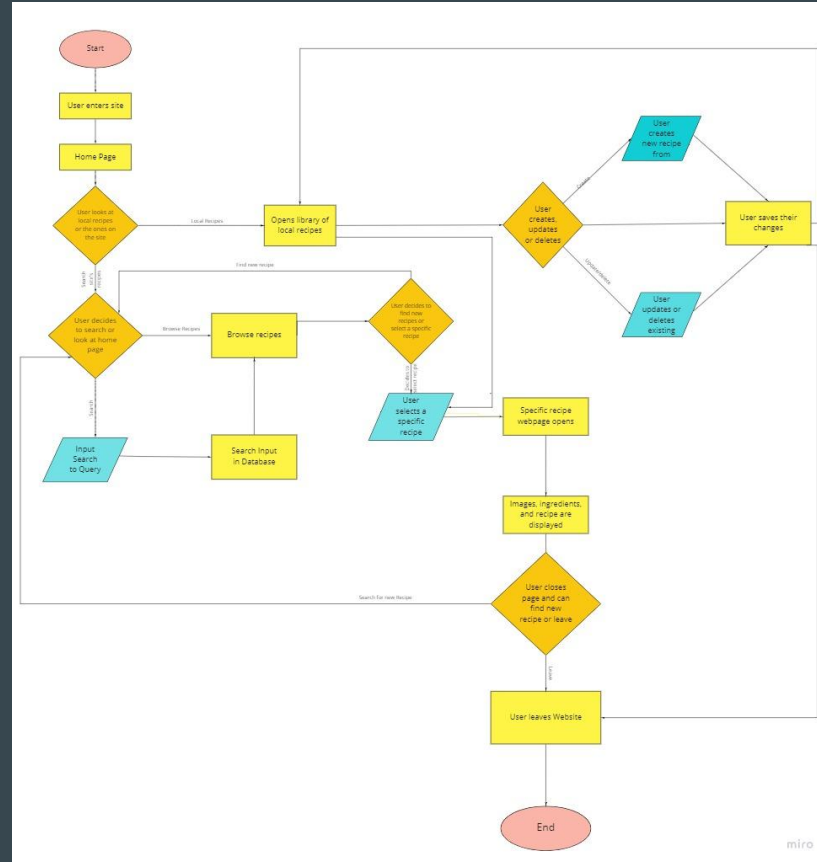- Menu Sidetab
- Recipe Rating
- Category, Subcategory, Recipe Heirarchy
- Display recipes based on season or trending; relevant recipes

miro

Roadmap

System Diagram

WireFrames