CSE110 Project Pitch

Team 25: Runtime Terror

Problem Statement & Motivation

- Our target audience are those who are inexperienced or new to cooking.
- Individuals who are barely getting started with cooking need an application to manage, create, search, and delete recipes, all while ensuring a user-friendly experience that will not deter them from interacting with the application.
- We want to build an application for people who are interested in starting out cooking that will not scare them off. Instead, we want our application to increase the productivity in their life based on the user friendliness we plan to incorporate and satisfy the user's needs (e.g., managing their recipes).

User Personas

Mary Lee

Mary is an undergraduate studying computer science at San Jose State University. As someone who spends so much time working on programming assignments, she doesn't have a lot of time to spend cooking her meals. She wants to learn to cook healthy food that does not take a lot of time to make.

Age: 20

Marital status: Single

Children: N/A

Occupation: Student

Technology Familiarity: Very Familiar

Devices: Smartphone, Laptop

Simon Smith

Simon just graduated from Sacramento State University. During college, he always ate at dining halls with friends and colleagues. Now that he is living on his own and making strides in his career, he wants to be able to at least cook basic meals for himself. He worries that he won't be able to cook good food for himself or his friends.

Age: 23

Marital status: Single

Children: N/A

Occupation: Event Planner

Technology Familiarity: Proficient

Devices: Smartphone, Laptop

User Personas

Amelia Green

Amelia is a full time accountant at Budget Consultants. As a mother of three children young children, she wants to make meals that look appetizing and with fairly large portion sizes to feed the whole family. She has some experience as a cook but is not too proficient with technology, and as such she's easily frustrated by unintuitive UI where it makes it hard to search for the recipes that she wants.

Age: 33

Marital status: Married

Children: 3

Occupation: Accountant

Technology Familiarity: Less Familiar

Devices: Smartphone, Laptop, Tablet

Josh Miller

Undergraduate full-time student who goes to the University of Texas. As he has a part-time job and goes to school at the same time, time management became difficult. He recognized that as he got busy it became difficult to have a regular meal every day and his health has deteriorated. He starts to take more interest in healthy eating, so he researches healthy food recipes frequently.

Age: 25

Marital status: Single

Children: N/A

Occupation: Server

Technology Familiarity: Very familiar

Devices: Smartphone, Laptop, Tablet

User Personas

Brad Chen

Brad moved to the U.S. with his family a few weeks ago. Now that his parents are more busy, he wants to help cook good family recipes, but he hasn't learned how to cook before. He worries that he won't be able to prepare these dishes for his family.
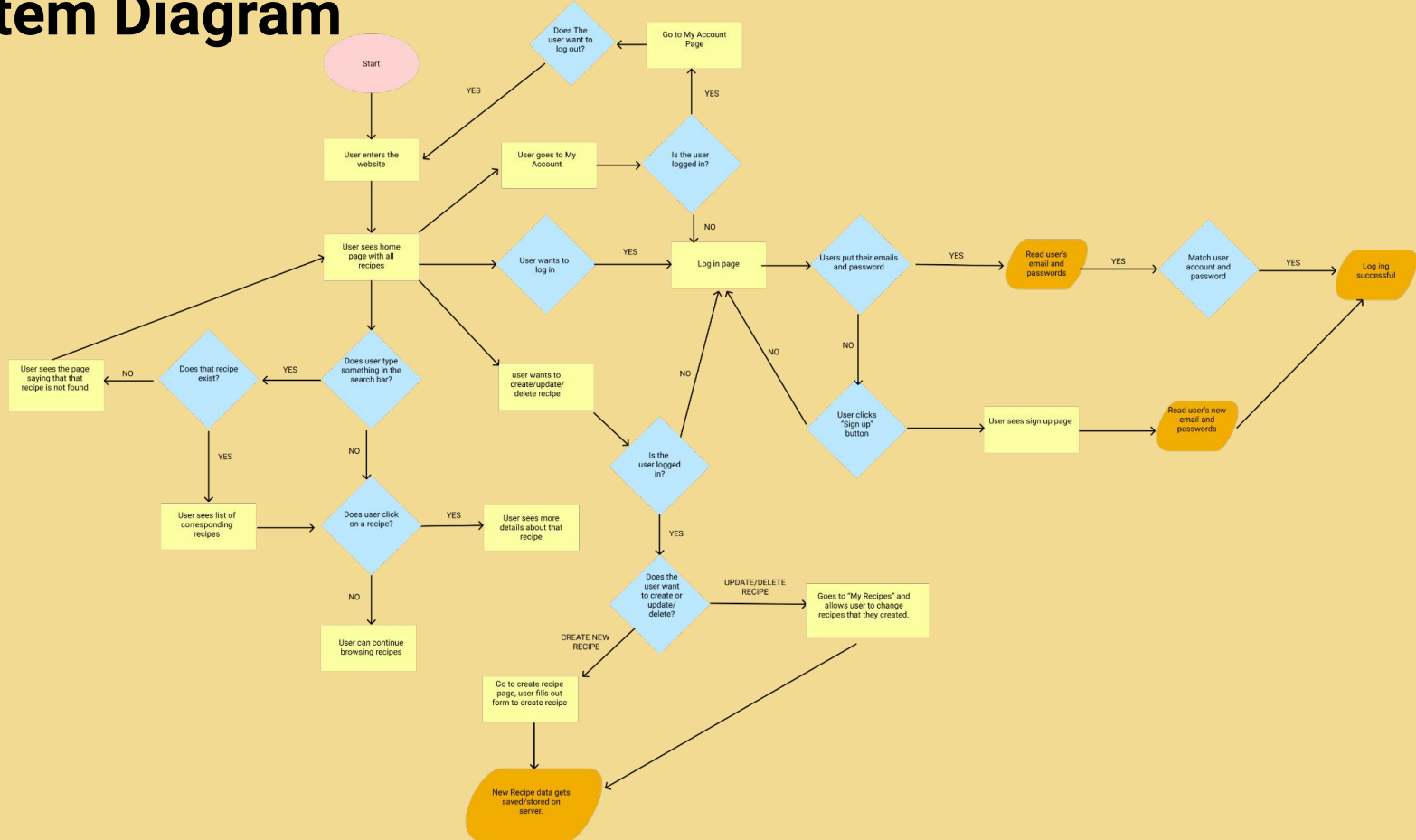
Age: 15

Marital status: Single

Children: N/A

Occupation: High School Student
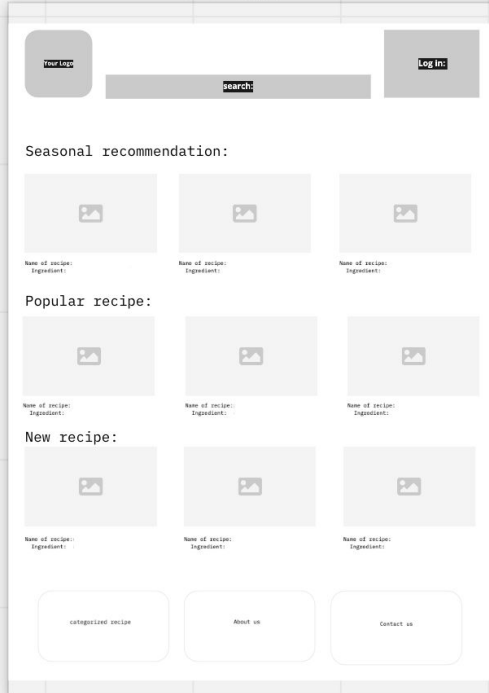
Technology Familiarity: Unfamiliar

Devices: Laptop

System Diagram

Start

User enters the website

YES

Does The user want to log out?

Go to My Account Page

YES

User goes to My Account

Is the user logged in?

NO

User sees home page with all recipes

User wants to log in

YES

Log in page

Users put their emails and password

YES

Read user's email and passwords

YES

Match user account and password

YES

Log ing successful

NO

NO

User sees the page saying that that recipe is not found

NO

Does that recipe exist?

YES

Does user type something in the search bar?

NO

user wants to create/update/ delete recipe

NO

User clicks "Sign up" button

User sees sign up page

Read user's new email and passwords

NO

Is the user logged in?

User sees list of corresponding recipes

YES

Does user click on a recipe?

YES

User sees more details about that recipe

YES

NO

User can continue browsing recipes

Does the user want to create or update/ delete?

UPDATE/DELETE RECIPE

Goes to "My Recipes" and allows user to change recipes that they created.

CREATE NEW RECIPE

Go to create recipe page, user fills out form to create recipe

New Recipe data gets saved/stored on server.

Wireframes

Frame 1

Home Page:
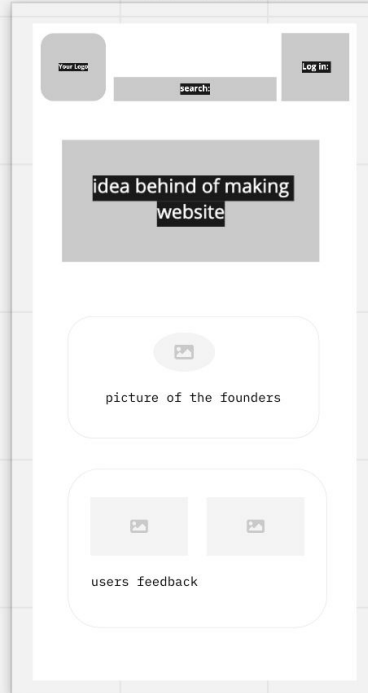
Your Logo | search: | Log in:

Seasonal recommendation:

[image] [image] [image]
Name of recipe: Ingredient: | Name of recipe: Ingredient: | Name of recipe: Ingredient:

Popular recipe:

[image] [image] [image]
Name of recipe: Ingredient: | Name of recipe: Ingredient: | Name of recipe: Ingredient:

New recipe:

[image] [image] [image]
Name of recipe: Ingredient: | Name of recipe: Ingredient: | Name of recipe: Ingredient:

categorized recipe | About us | Contact us

Frame 2

About us page:
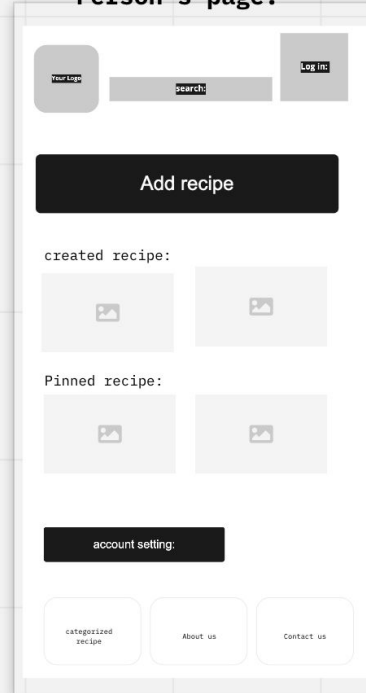
Your Logo | search: | Log in:

idea behind of making website

picture of the founders

[image] [image]

users feedback

Frame 3
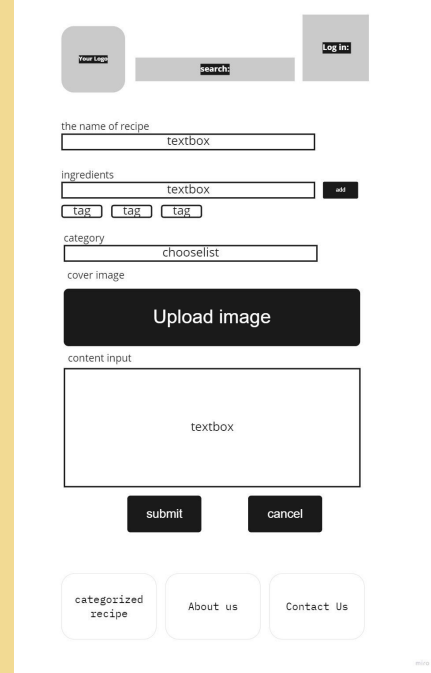
Person's page:

Your Logo | search: | Log in:

Add recipe

created recipe:

[image] [image]

Pinned recipe:

[image] [image]

account setting:

categorized recipe | About us | Contact us

Recipe's page:

Your Logo | search: | Log in:

the name of recipe
textbox

ingredients
textbox | add
tag | tag | tag

category
chooselist

cover image
Upload image

content input

textbox

submit | cancel

categorized recipe | About us | Contact Us

Risks & Rabbit Holes

- Not establish the plan well enough which lead to indecisive decisions on features to implement
- Perfecting a feature to an extent that it diminishes productivity and fall off the rail of project blueprint
- Unspecified coding style convention, make source codes hard to follow among team members
- Miscommunication between front-end and back-end, as well as other teams/departments
- Putting all of the focus on one (relatively) minor bug before putting together the overarching project
- Jumping to code (if in a "rush") before thinking or diagramming an idea/design
- Saving certain features to the end and not being able to complete project
- Using "tags" idea to our benefit, rather than using it against us; don't want to overcomplicate it
- Deciding whether homepage should start off with recipe suggestions or input options for user or both; if using suggestions, should we track user's preferences?
- User should not have to sign up or log in to read recipes, but must log in to create/update/delete recipes
- Deciding whether we require different tabs for each aspect of the app