

Introduction

Amrutesh Arun, Leonard Floyd, Travis Spicer, Mekhi Washington

Concept Overview

- **Summary of the Current App:**

- The recipe app at its base is a simple app that allows users to type recipes and have the ability to save them.
- We wanted to revamp the previous app while keeping some of its charm. We have two features planned out to make the app better.

- **Design Goals:**

Our main goal with our concept for the new recipe app would be to allow users to create recipes. The enhanced changes we would make are to allow for the user to search their recipes, and to have the ingredient feature.

- **User Personas:**

User personas would be people that want to save their recipes for later. This would be anyone that would be cooking and need to remember what goes in.

- We would use the app as it's helpful for knowing what to use.
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Feature Enhancements

- **Introduction to Feature Enhancements:**
 - We aim to enhance 2 features that will give the app more functionality and make it more convenient to use. We will add search functionality to allow users to search by ingredient and to add additional ingredients to their saved recipes.
- **Enhanced Feature 1: [Added Search Functionality]**
 - **Current State:**
 - Currently, there is not any search functionality in the app so there is not a current state.
 - **Proposed Enhancement:**
 - Our first proposed enhancement would be to add a search feature that allows the user to search through their saved recipes for specific ingredients.
 - **User Story:**
 - A person is planning on making a meal but they do not remember what is the last ingredient that goes into it. They open the app and are able to search the name of the dish and pull up what ingredient they are missing.

- **Enhanced Feature 2: [Added ingredients]**
 - **Current State:**
 - Currently, The recipe app lacks ways of adding ingredients to the recipe in an organized way.
 - **Proposed Enhancement:**
 - We add a feature that allows users to add ingredients to the recipe making the recipe look a lot more organized
 - **User Story:**
 - The user is searching for a recipe app and has a long list of ingredients. With our new feature to add the Ingredient list looks a lot more organized and isolated
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Visual Enhancements

- **Introduction to Visual Enhancements:**

Visually there is nothing when it comes to the recipe app. It is a white space that is only filled with our text in the middle of it. We plan on updating the color palette as well as change the way the notes are displayed.
- **Visual Enhancement 1: [Layout Redesign]**
 - **Current State:**
 - Currently the recipe app shows text fields at the top and white space all around it. After notes are added, they display on a stack. There's also a giant gray block that says recipe app :(
 - **Proposed Enhancement:**
 - We will use a more uniform layout and display the recipes as notebook pages in a grid layout. This will

allow for each recipe to have more space and give them better readability.

- **Design Principles:**

- One main design principle we used to come up with these changes is balance as nearly all content on the site is displayed near the top and at the very center with nothing on the sides.

Visual Enhancement 2: [UI Overhaul]

- **Current State:**

- Currently the recipe is all white with our recipes being placed in the middle. There is nothing going on and overall is very basic

- **Proposed Enhancement:**

- We add a very modern looking recipe to the app to make it feel more alive. We also add new background and text to make sure everything looks better

- **Design Principles:**

- One design principle we looked at was unity as nearly every listing is written in a different style and we want users to be able to read through the listings quickly.

Implementation Feasibility

- **Technical Feasibility:**

The current application requires an update on the front-end framework including the styling and integration of back-end, making it dynamic. There's a lot

of scope for improvement from the current app which can only be done through a revamped front end code.

- **Resource Requirements:**

Development Time: 1 day

Tools Required: Visual Studio Code, NodeJS, ReactJS, Axios, Postman, Figma

Team Roles: Developer, UI/UX Designer,

- **Risk Assessment:**

- Adding notebook page kind of display would lead to inconsistency of visual design so we have to proceed cautiously with that

- **Next Steps:**

- Creating wireframes and designing prototypes for web and mobile views
- Developing the application

Conclusion

Our application will enhance the previous design and make it more user interactive and user friendly.
