



# Unified Grocery App

Cook convenient meals. Stop food waste.

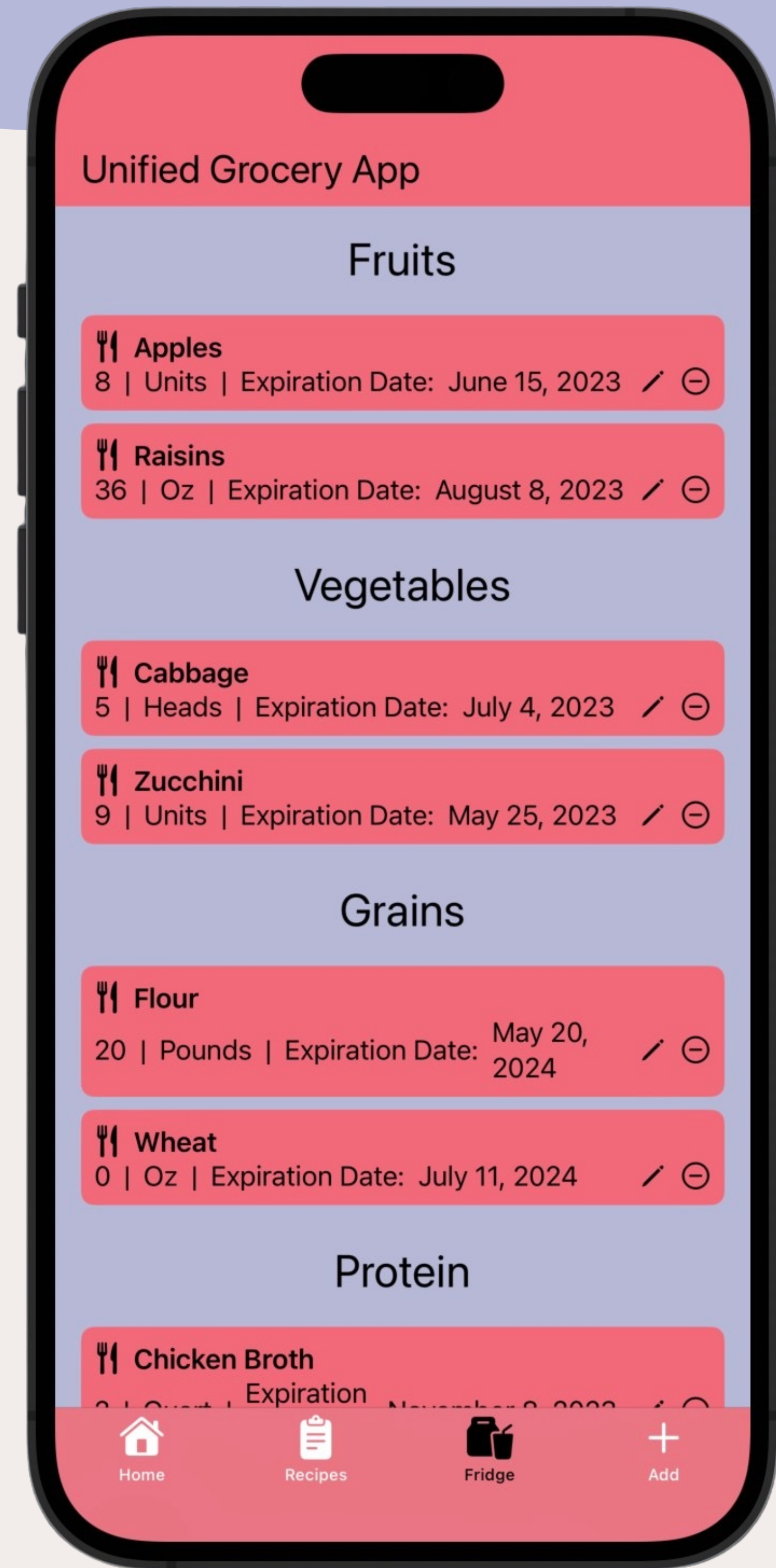
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## Key Features

- The Unified Grocery App provides an interface which allows users to enter ingredients into a virtual fridge
- Users can edit/delete ingredients
- Creates personalized recipe recommendations based on available ingredients and their expiration dates

## Motivation

- 40% of all food in the US (119 billion pounds) is wasted without ever being eaten (New Hampshire Public Radio, 2016; Feeding America, 2023)
- 1/3 of Americans report that they usually throw out food past the expiration date (Harvey, 2021)
- 64% of the US population reports eating out at least once per week (Industry News, 2020)
- This leads to a plethora of health issues including heart disease and high cholesterol (Smith, 2018)



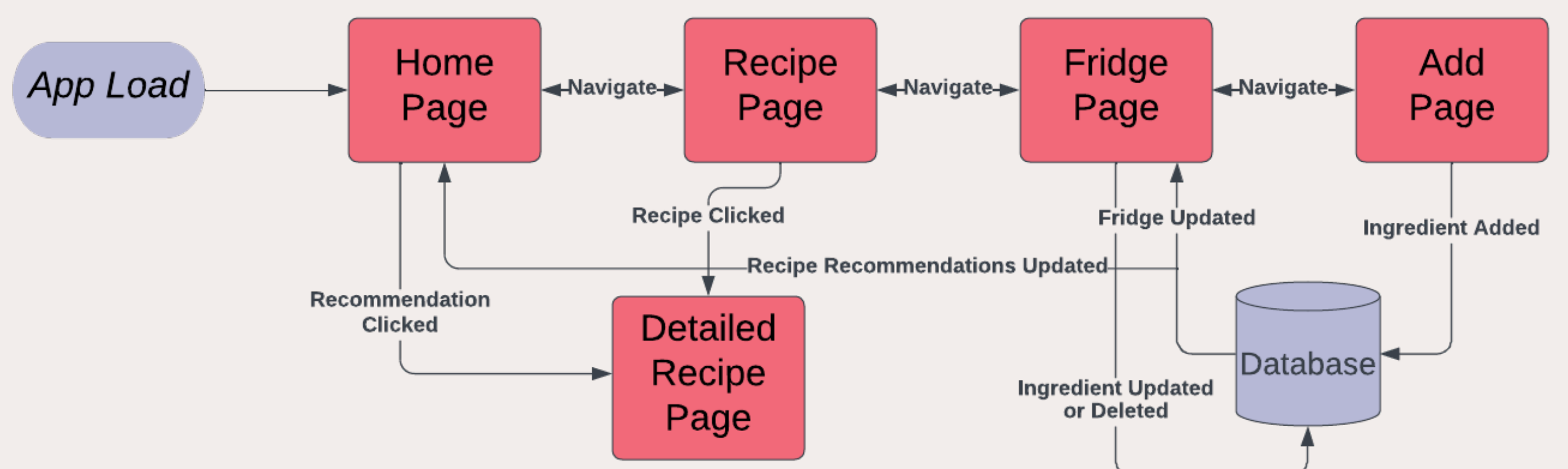
## Target Audience

- Millennials (20-40 years old)
- Individuals who would like to cook more, eat out less, and prevent food waste

## Algorithm

- Enhanced keyword search algorithm used to recommend recipes
- Able to pick out general concepts
  - "Mayonnaise" vs. "Hellmann's Light Mayonnaise"

## Architecture



## Competitors

- Supercook
- Bigoven
- MyFridgeFood

## Future Work

- Receipt scanning
- Grocery store price comparison
- User preferences on cuisine

iOS

