



KALE

Your UCLA Sustainability & Health Companion



OUR TEAM



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Front End Dev



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Problem Development




Ben spends time searching for gluten-free options on UCLA Dining App. He also prefers healthy eating.
no way of efficiently filtering these options.



Amanda wants to track her eating habits. She is also very environmentally-conscious and only eats food with low carbon footprints, i.e **she doesn't eat options that look like this-**

Beef & Barley Soup  



Fight climate change with food! Choose more low-carbon  and fewer high-carbon  foods.

Product Validation

----- 50+ on-the-hill students participated

75%

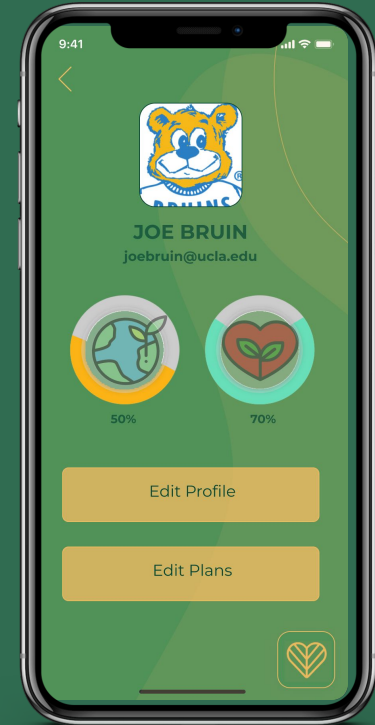
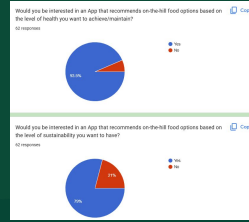
Care about their eating habits in terms of health and sustainability

90%

Would use an app that curates a personal diet plan that saves them time and effort

"This is a project that has needed doing for a very long time. I am so glad you are doing it!"

-Professor Jennifer Jay



The Solution



Food options based on the level of Health and Sustainability preference with filters to sort allergies and food preferences.



Awareness among students on carbon footprint of food



A smart UCLA-curated diet model that makes meal choosing speedy and hassle free

GOAL: Achieve a more healthy and sustainable UCLA community



The Process

1

Flutter

3

MySQL

2

PHP

4

Python



Overview

1. Input Height, weight, Health Preference which is used to calculate Basal Metabolic Rate.
2. Input Sustainability Preference based on level of Greenhouse Gas Emissions per 4 oz. Serving of the food
3. Get top recommendations of dining halls and personal meal plan
4. further filter based on allergies/preferences (dairy,gluten-free)
5. Receive sustainability and Health score and track progress



Application Walkthrough



What's Next?

1

Increase AI
Accuracy through
Tracking of eating
habits

2

Integrate
sustainability
leaderboards &
self-improvement
goals

3

Include Food
Truck menus



“Make UCLA truly *#1 college food in America*,
powered by a sustainable and healthy UCLA
Student Community.”

