

CirFinCREATE

ECOMENU

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The issue...

Our food choices have a significant impact on the environment. The global food system is responsible for a large portion of greenhouse gas emissions, with estimates suggesting that it contributes up to 30% of global emissions. This leads to rising global temperature, which is disruptive and detriment to our ecosystem.

We aim to make sustainability a part of everyday cooking, contributing to a more climate-conscious world.

Introducing ECOMENU

ECOMENU is a recipe recommendation platform that empowers users to make environmentally conscious food choices. The app focuses on sustainability by recommending recipes based on the carbon footprint of their ingredients. By leveraging a database of 350 food ingredients and 2000 recipes, the app provides users with options that minimize environmental impact.



Impact

1. An effortless way to make a positive impact on the planet
2. Discover a world of eco-friendly, affordable, and delicious foods
3. Feel good about making sustainable choice

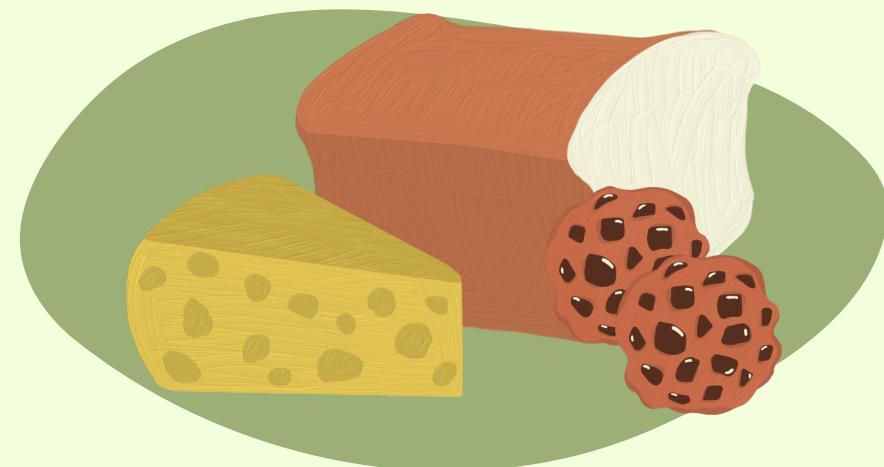


Our Product

Data



Frontend



Backend



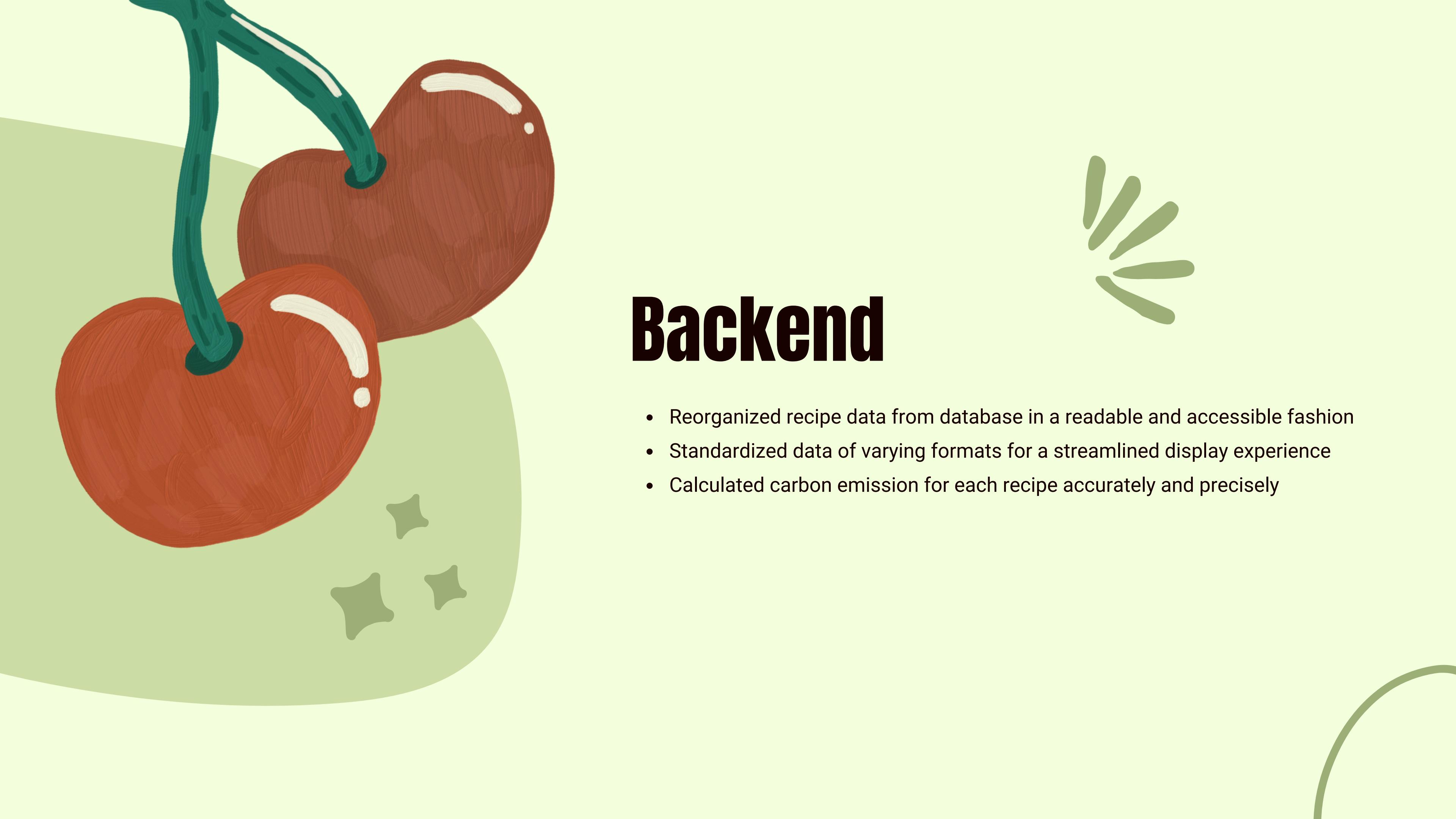
Data

- Compiled and cleaned data from multiple sources for a comprehensive collection of carbon footprint and environmental information
- Over 350 food ingredients and 2000 recipes



Frontend

- Designed basic prototype in Figma
- Developed informational and interactive website to take in user input enabling ingredient selection

A stylized illustration in the background features three cherries with dark red skin and white stems. They are set against a light green circular backdrop that includes some green leafy elements and small green star-like shapes. The overall aesthetic is organic and artistic.

Backend

- Reorganized recipe data from database in a readable and accessible fashion
- Standardized data of varying formats for a streamlined display experience
- Calculated carbon emission for each recipe accurately and precisely

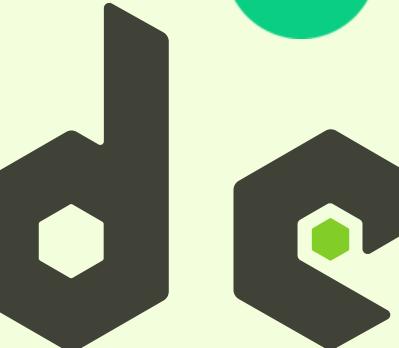
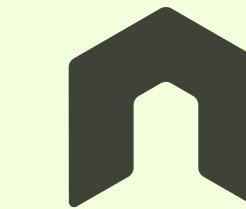
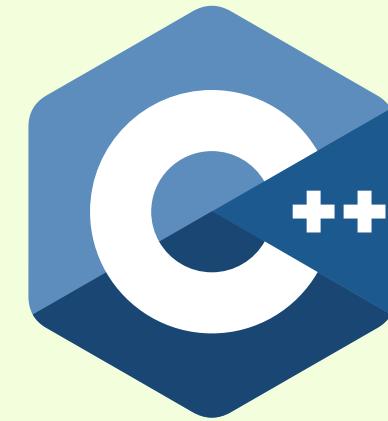
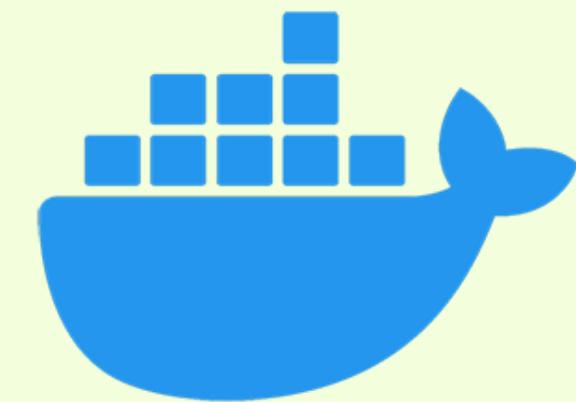
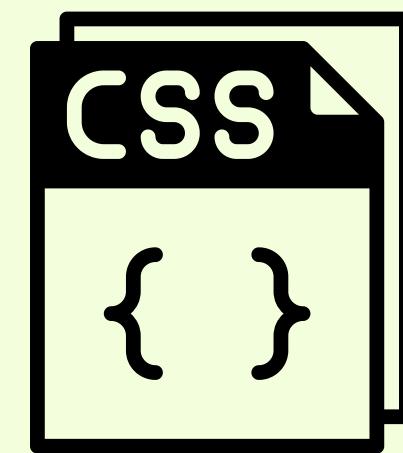
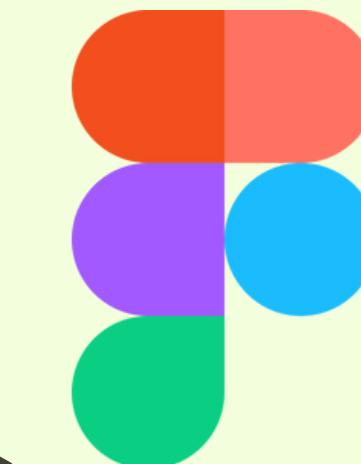
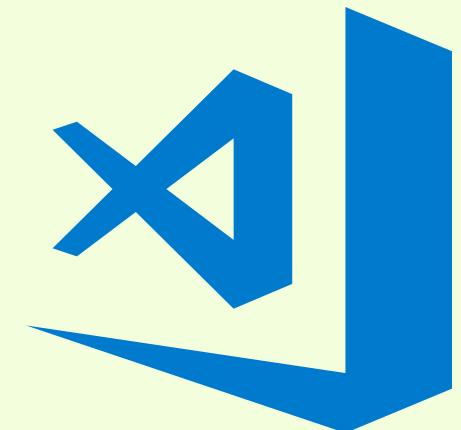
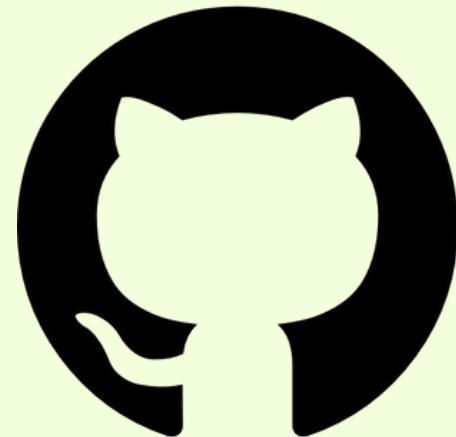
Tech Stack



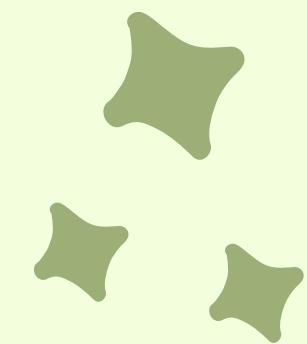
HTML



Express



Demo



Future Iterations

- Budget options
- Meal planning
- Recipe sharing and community growing
- Data refinement by season and source