OKBLOOMER

A Carbon Suckers Project

www.okBloomer.com

DIRECTORY

03 ABOUT US

04 CHALLENGE

06 OUR PRODUCT

09 FUTURE DEPLOYMENT

08 PROCESS

ABOUT US

Northeastern University
Khoury College of Computer Sciences

Triet Ngo - Programmer
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Justin To - Programmer
Senay Tilahun - Web Design
Zadie Moon - Web Design
Huiqin Hu - Presentation

The Carbon Suckers

CHALLENGE

CO_2 emissions
have increased by
about 90%
last 50 years

Plants reduce
carbon emissions
by one third

SOLUTION

SUSTAINABLY UTILIZE OPEN SPACE

Don't know what to do with your empty backyard or balcony?

Grow veggies in your backyard

Create your mini garden

PROCESS

Using OpenAI Dall-e API, Streamlit, Python, Panda, Figma, Webflow
And a bit of good old whiteboard brainstorming / ideation

RESHAPE YOUR GARDEN
3 PRODUCTS

Discover what plants will thrive based on your location & needs

Plant with Purpose, Personalized!

Know Your Soil, Grow Your Garden!

Comprehensive soil report
Shipped straight to your home

Design your ideal outdoor space with AI technology

See it, Before You Sow It!

WEBSITE OUTLOOK

USER JOURNEY TODAY

USER JOURNEY TOMORROW

FUTURE IMPLEMENTATIONS

- **Seed Delivery System**: Streamline inventory and shipping with eco friendly supply chain
- **Personalized Recommendations**:
  - Enhanced recommendations based on season, image scanning, user preferences
  - Sorting Options: Sort plants alphabetically, by sun exposure, water needs, maintenance level, and more
- **User Gardening Experience**: Consider user experience to provide relevant recommendations
- **Improved UI**: Enhance user experience with React, JS, HTML, CSS
- **Carbon Reduction Goals**: Set and track carbon reduction goals with plants that absorb the most carbon right in our product
- **Tier Business Plan**: Offer flexible pricing options with sustainable company partnerships to support the low-carbon movement
- **Customer Impact Stories**: Share before and after stories of our users' green journeys on the home page.

THANKS FOR WATCHING!

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