



Final Project Presentation

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Overview of Digital habitat

- ▶ Selected Sustainable Development Goal is 13 (Climate action)
- ▶ What exists ?



Overview of Digital habitat Cont

- ▶ Technology configuration
 - ▶ Gaps - determine user carbon footprint , showing personalized tips , allowing users to share useful contents
 - ▶ My solution - I wanted to rebuild design of what is currently exists and include more functionality as the current state of application lacks interactive design.
 - ▶ Chatting capabilities
 - ▶ Content sharing amongst users
 - ▶ Monitor user's carbon footprint
 - ▶ Allow user to share ride to work, school, etc.

Overview of Digital habitat Cont

- ▶ Community domain – Education about climate crisis and spread awareness
- ▶ Community practice
- ▶ Community orientation
 - ▶ Content - as the app will be used to educate and spread awareness, I wanted to make content sharing to be accessible and useful to others in the community.

Project background

- ▶ This project focuses on the sustainable development goal number 13: Climate Action under the sub-category: target 13.3 improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.

Why: this project is intended to spread awareness through educating community so that they can improve their lifestyles and come together to change the world.

How: by allowing users to participate questionnaires to determine their carbon footprint then showing personalized tips

What: providing knowledge base content , monitor user's carbon footprint and ability to carpool as well as allowing the community to communicate via chat and forum post

Technology stack

- ▶ Flutter - because flutter has faster development, save time in developing and having one codebase across all your platforms. This allows me to validate my idea of this app as I develop more MVPs.
- ▶ Firebase - I used firebase to do authentication, store and querying data as well as Realtime streaming



demo

Self-Reflections

- ▶ How did you/your team feel about this project? Do you think you/your team was successful, or? What did you/your team like about the project? What did you/your team dislike about the project?
- ▶ What did you/your team feel most proud of throughout the entire project experience?
- ▶ What did you/your team learn about yourself(ves) as you/your team worked on this project?
- ▶ How will you/your team use (or not use) what you have learned/experienced in this project going forward?
- ▶ Future work and assorted ideas for evolution



Thank you