

CoGo App

Sprint 2 — Demo & Retrospective

April 20, 2026 | Pace University CS491

Demo

Sprint Goal

Continue implementing features and update the core foundation and UI for a better working and cleaner app, and set up features for database in Firestore

Live Demo

The application is available locally via Vite development server. The following pages are functional and demonstrated:

- **Home Page** — welcome screen with navigation to all major sections
- **Create Account / Login** — Firebase Authentication for secure user accounts
- **Flight Emissions Calculator** — live carbon calculation via emissions.dev API
- **My Trips** — fully integrated with Firestore; displays saved trip history with travel mode icons and per-trip CO₂ data
- **Dashboard** — live Firestore data with cumulative CO₂ chart (by day), recent trips panel with travel mode icons, and quick action cards
- **About Page** — team and app information

Screenshots



CoGo Dashboard Plan a Trip My Trips 15

Emissions Calculator

Estimate your carbon footprint

Flight Car Bus Taxi

ORIGIN AIRPORT: JFK of New York COUNTRY: US

DESTINATION AIRPORT: HND of Tokyo COUNTRY: JP

CABIN CLASS: Economy PASSENGERS: 1

→ One-way

Calculate

CoGo Dashboard Plan a Trip My Trips 15

Emissions Calculator

Estimate your carbon footprint

Flight Car Bus Taxi

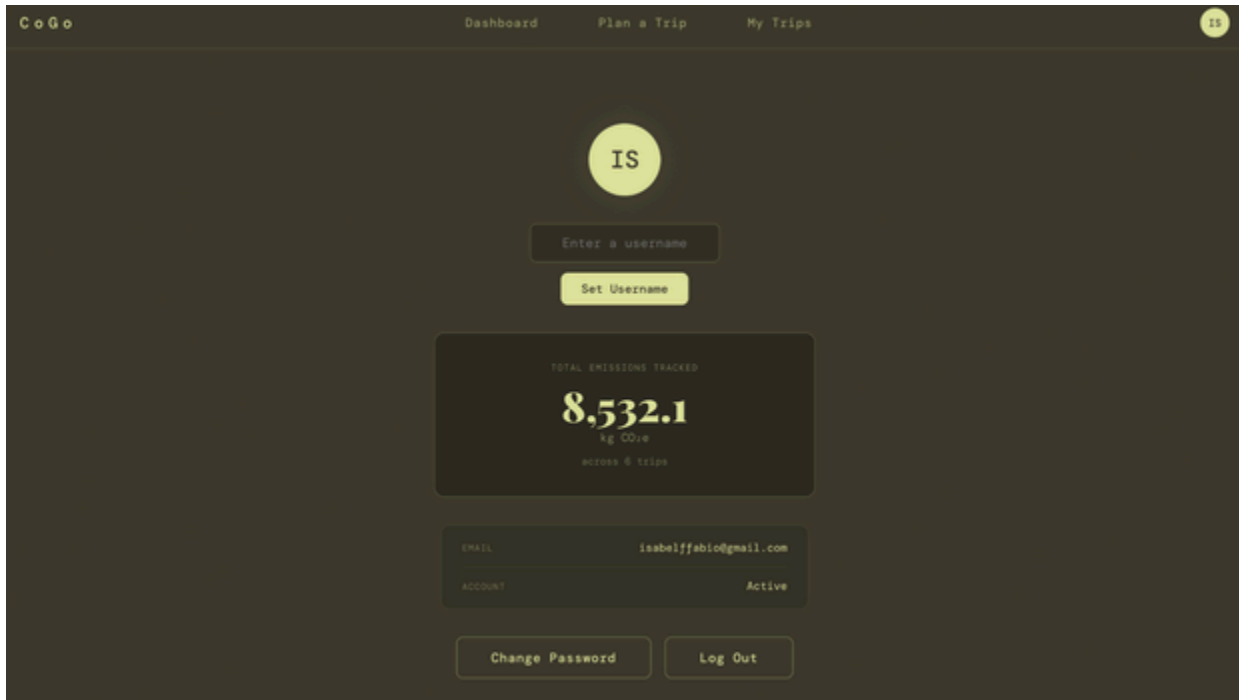
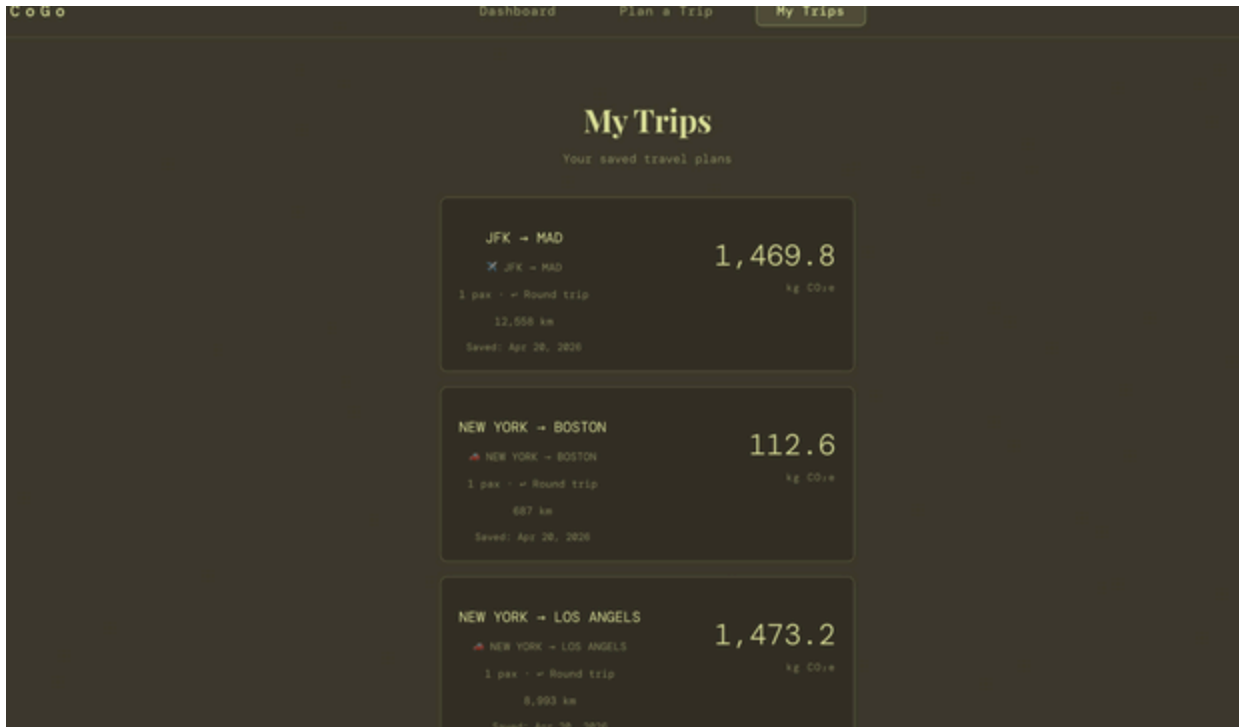
ORIGIN CITY: New York COUNTRY: US

DESTINATION CITY: Los Angeles COUNTRY: US

VEHICLE SIZE: Average FUEL TYPE: Petrol

PASSENGERS: 1 TRIP TYPE: → One-way

Calculate





CoGo

Dashboard Plan a Trip My Trips Create an Account

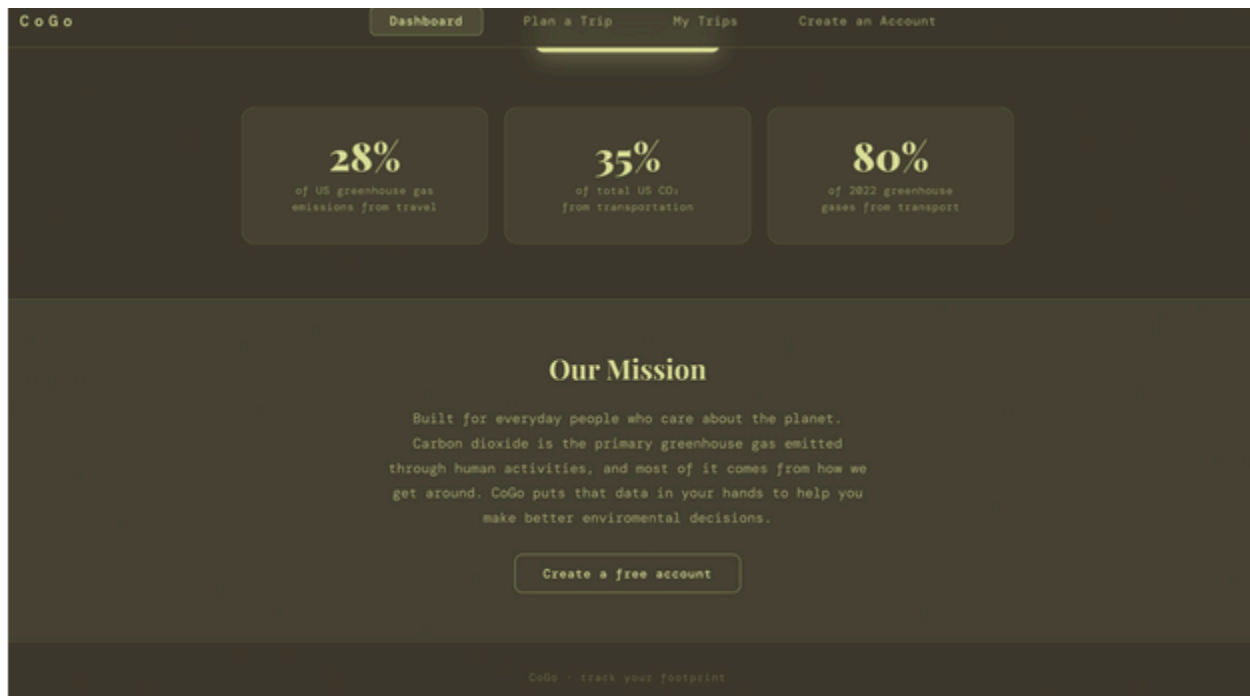


Track your carbon. Change the way you travel.

CoGo makes carbon tracking simple. See your real-time footprint, get personalized tips, and understand your impact- all in one place!

Get Started -

28% of US greenhouse gas emissions from travel	35% of total US CO ₂ from transportation	80% of 2022 greenhouse gases from transport
--	---	---



CoGo

Dashboard Plan a Trip My Trips Create an Account

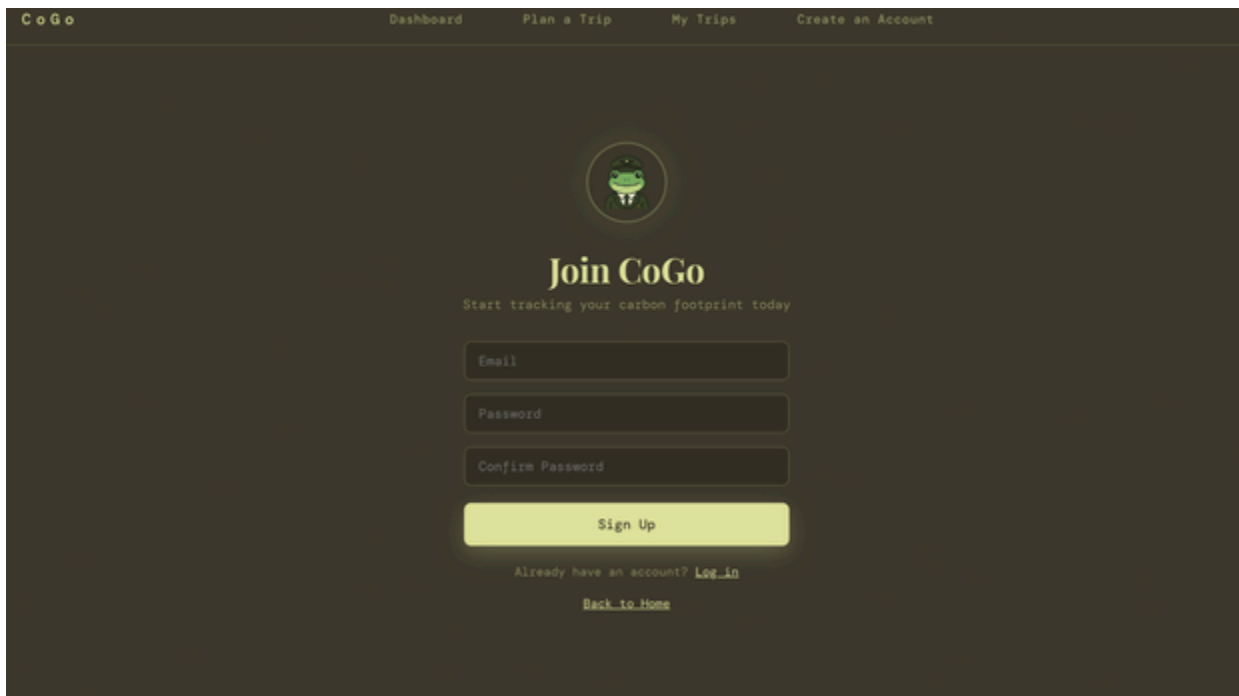
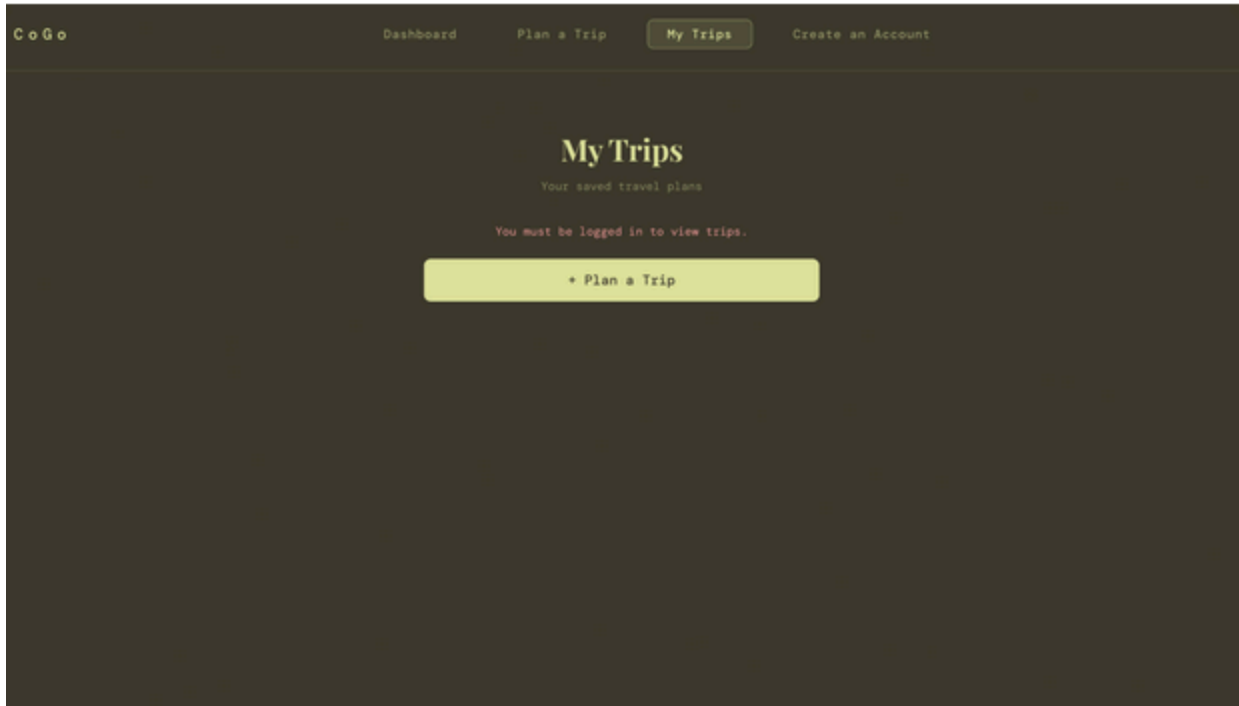
28% of US greenhouse gas emissions from travel	35% of total US CO ₂ from transportation	80% of 2022 greenhouse gases from transport
--	---	---

Our Mission

Built for everyday people who care about the planet. Carbon dioxide is the primary greenhouse gas emitted through human activities, and most of it comes from how we get around. CoGo puts that data in your hands to help you make better environmental decisions.

Create a free account

CoGo - track your footprint



Video Demo

[Demo](#)

Code

[GitHub Repository](#)

Retrospective

Stories Planned vs. Implemented

ID	Story	Size (pts)	Priority	Assigned	Est. Hours	Status
US1	Compare Travel Transportation	7	High	Sophia	16	Implemented
US3	View Emission Trends (cumulative)	5	High	Isabel	8	Implemented
US5	View Emissions in a Graph	7	High	Isabel	8	Implemented
US19	Creating An Account	3	Low	Luca	8	Implemented
US2	Log Energy and Lifestyle Activity	7	High	Oni	16	Implemented
US23	Profile Page	7	Large	Luca	8	Implemented

Stories Planned: 6 | Stories Completed: 6 fully

Points Planned: 30 | Points Completed: 30

Velocity: ~30 story points

Sprint Retrospective Summary

What Should the Team Continue Doing?

- Continuous communication/updates.
- Engaging and considering everyone's ideas.
- Active listening and brainstorming
- Delegating problem-solving.

What Should the Team Start Doing?

- Update each other more on what needs to be updated or worked on.
- Discuss what problems are affecting their work productivity so that productivity doesn't halt.

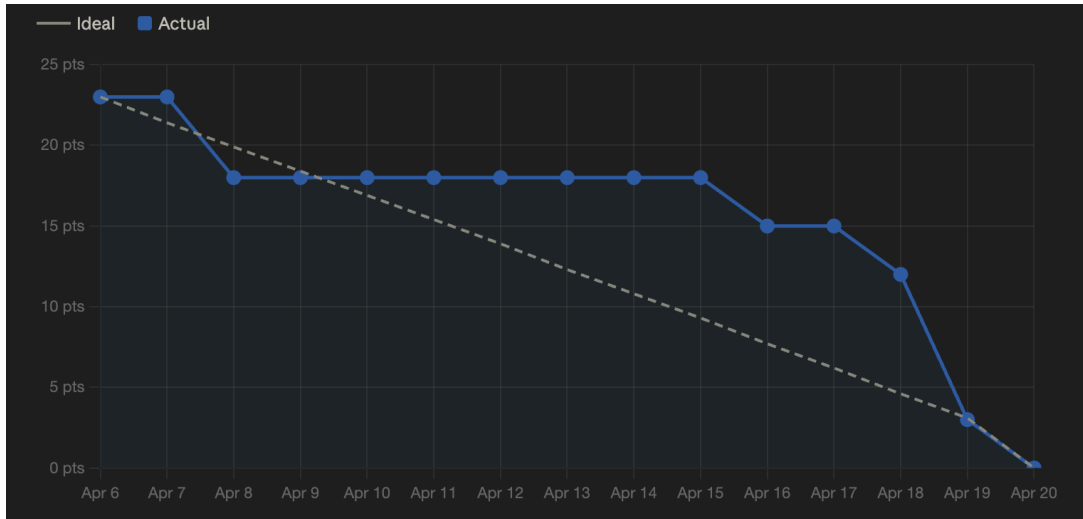
What Should the Team Stop Doing?

- Reduce the number of crammed commits and have more spread out commits throughout the week

Product Backlog Status

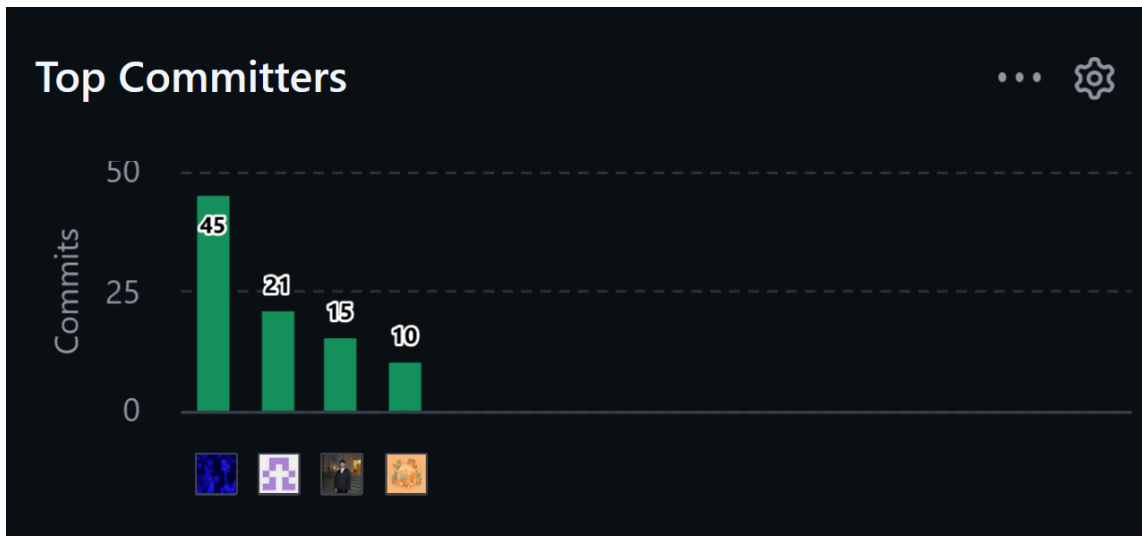
- Nothing notable, still the same since last time

Burndown Chart



GitHub Statistics

Team Member	Commits/Pushes	Merges	PRs
Erjon (Oni)	15	2	3
Luca	21	3	2
Sophia	10	3	0
Isabel	45	4	2



Full GitHub Insights available at:
<https://github.com/paceuniversity/cs491spring26team1/graphs/contributors>