

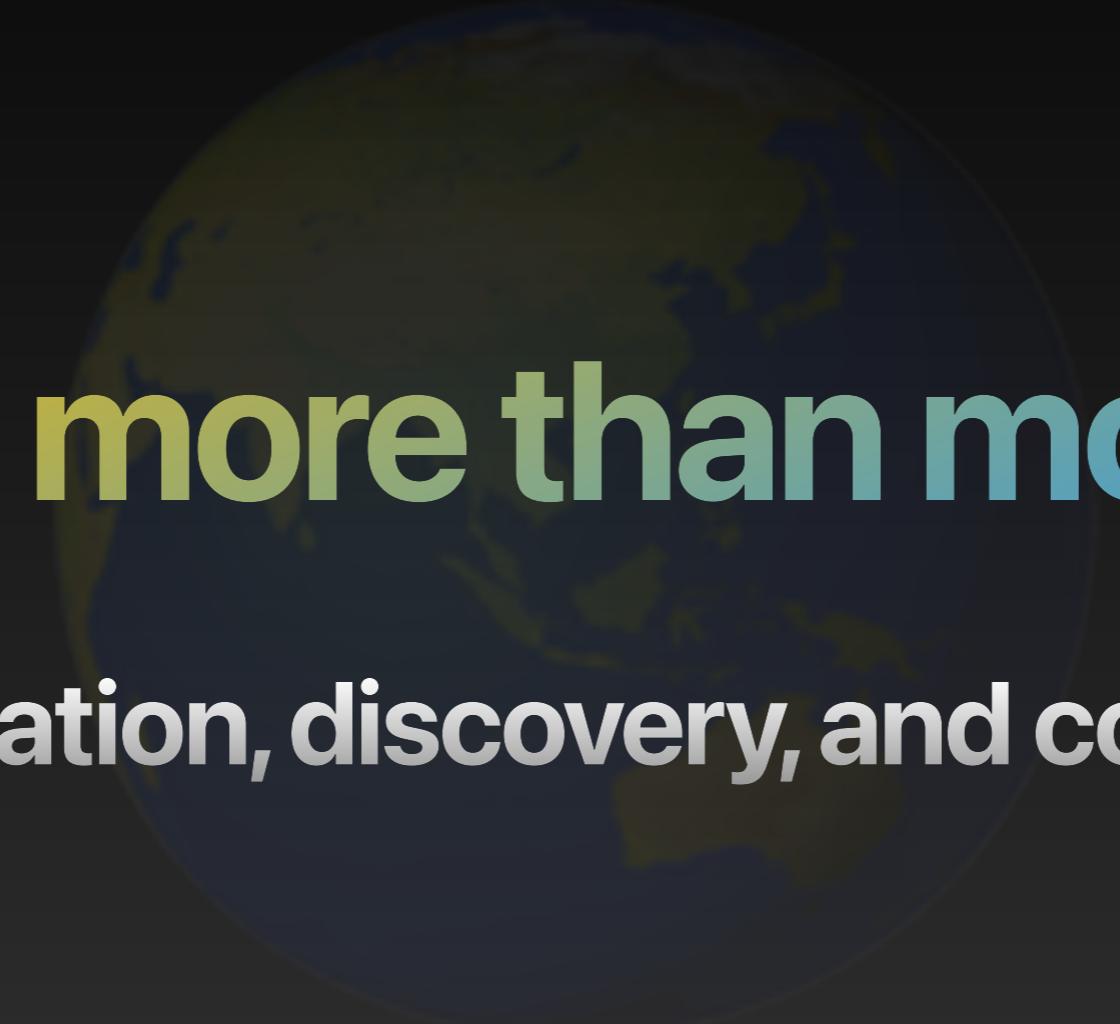
The Trip Planner.

Cloud Application Development

Team name: Kenting 

Presenter: Po-Chun Lu

Professor: Dr. Markus Eilsperger



Travel is more than movement

It's exploration, discovery, and connection.



**What if planning a trip felt like
Telling your story?**

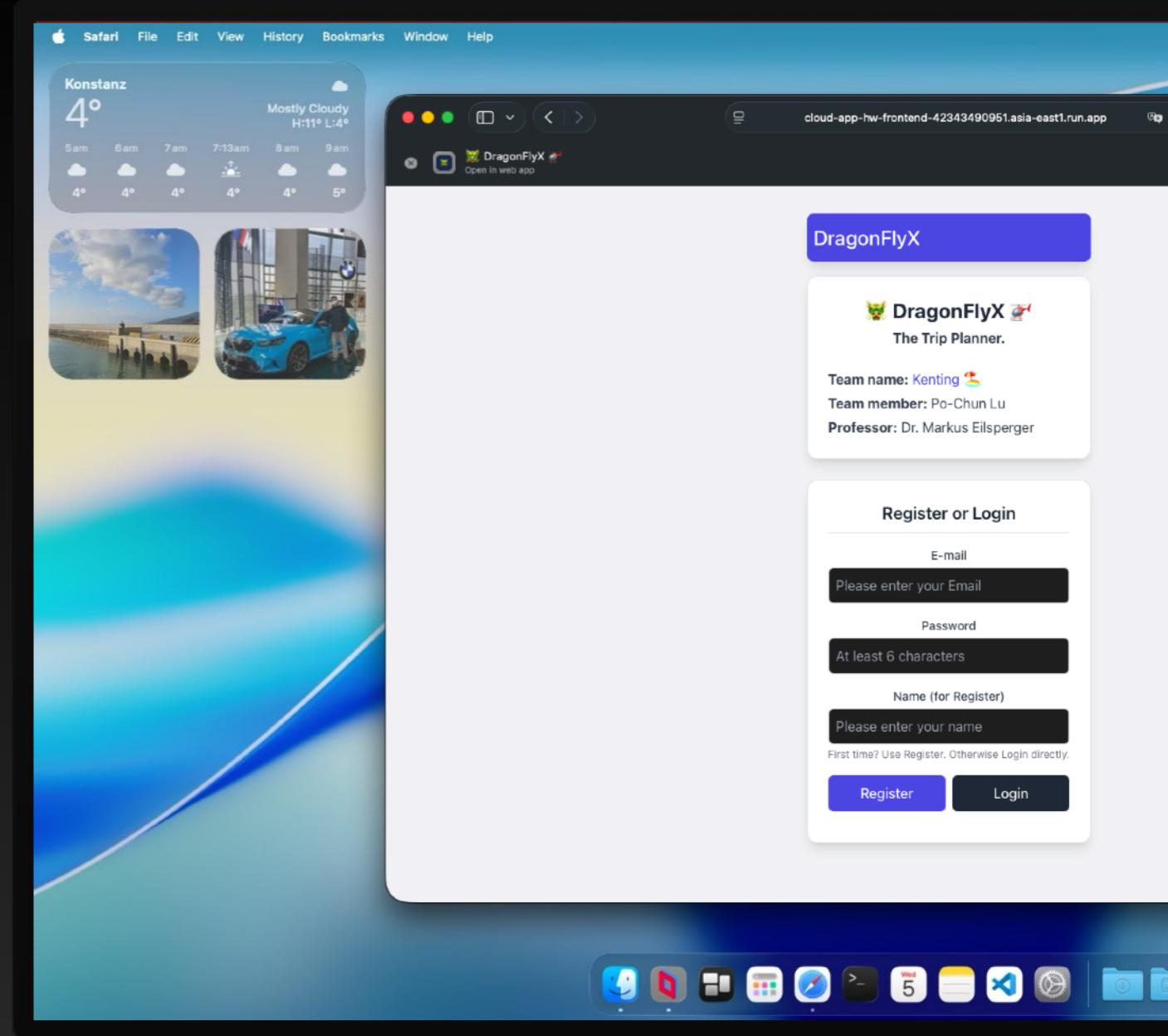


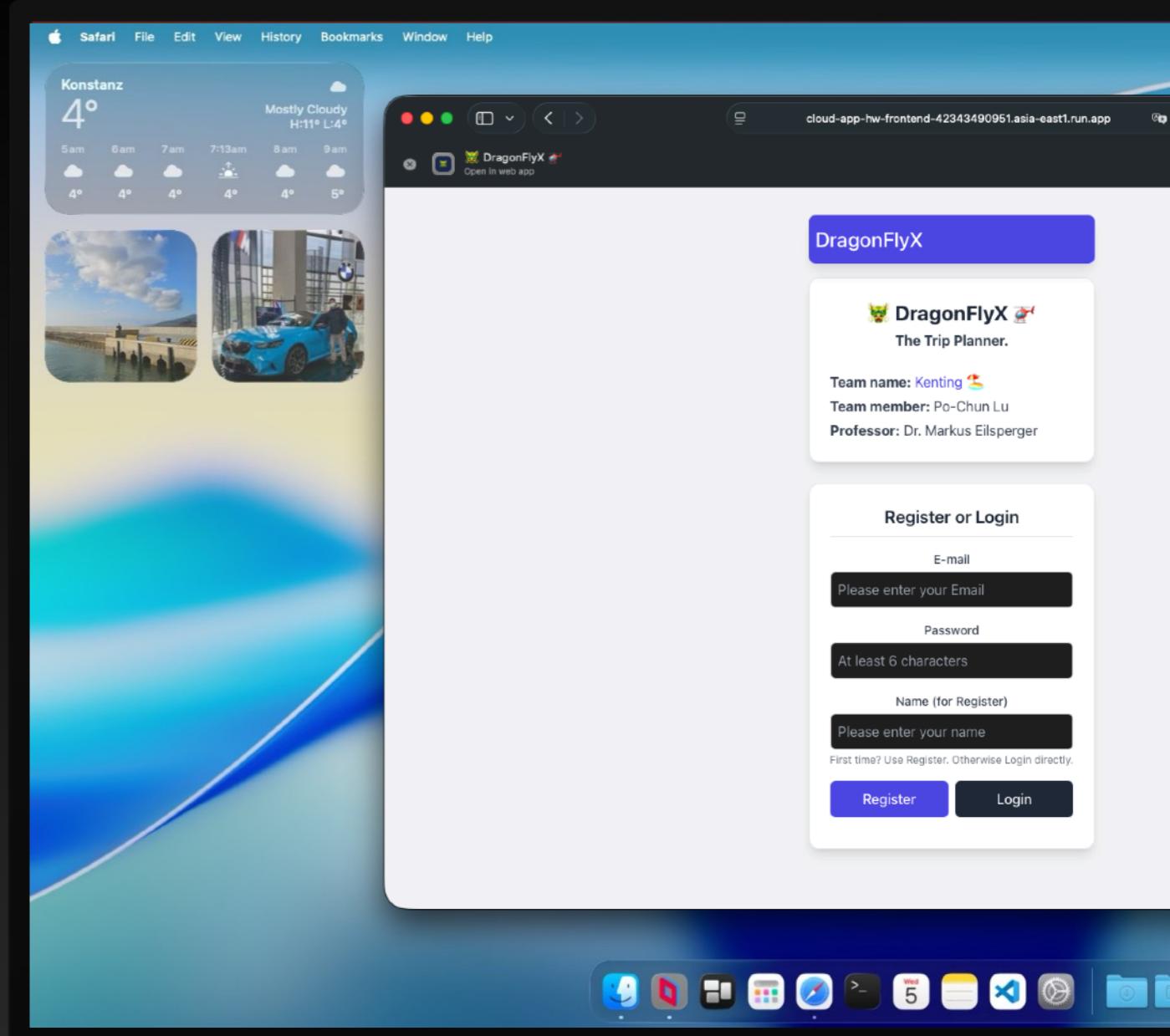
A platform that
Connects Explorers
Around the World

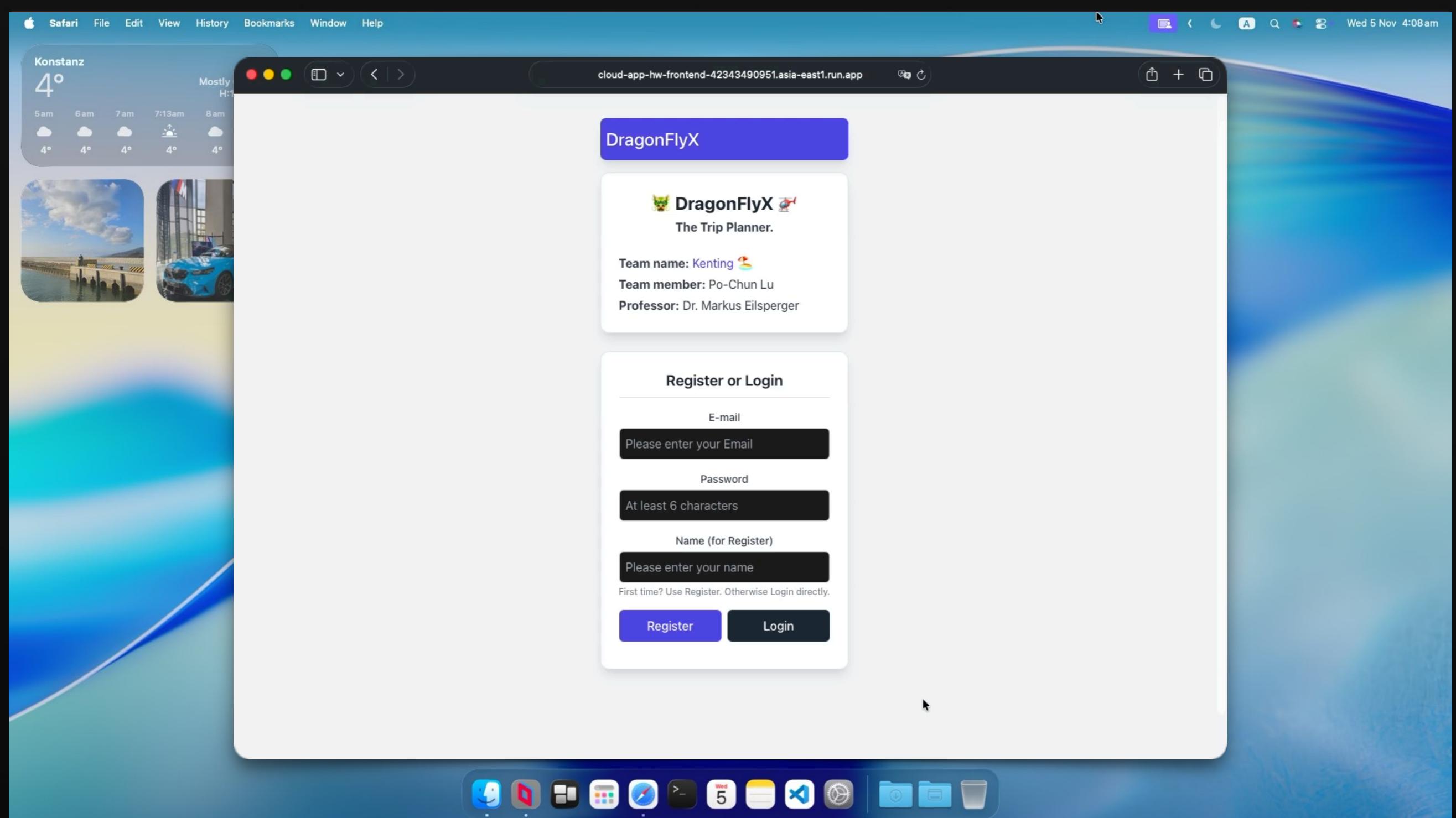
DragonFlyX

Fly like a dragon. Explore the unknown.

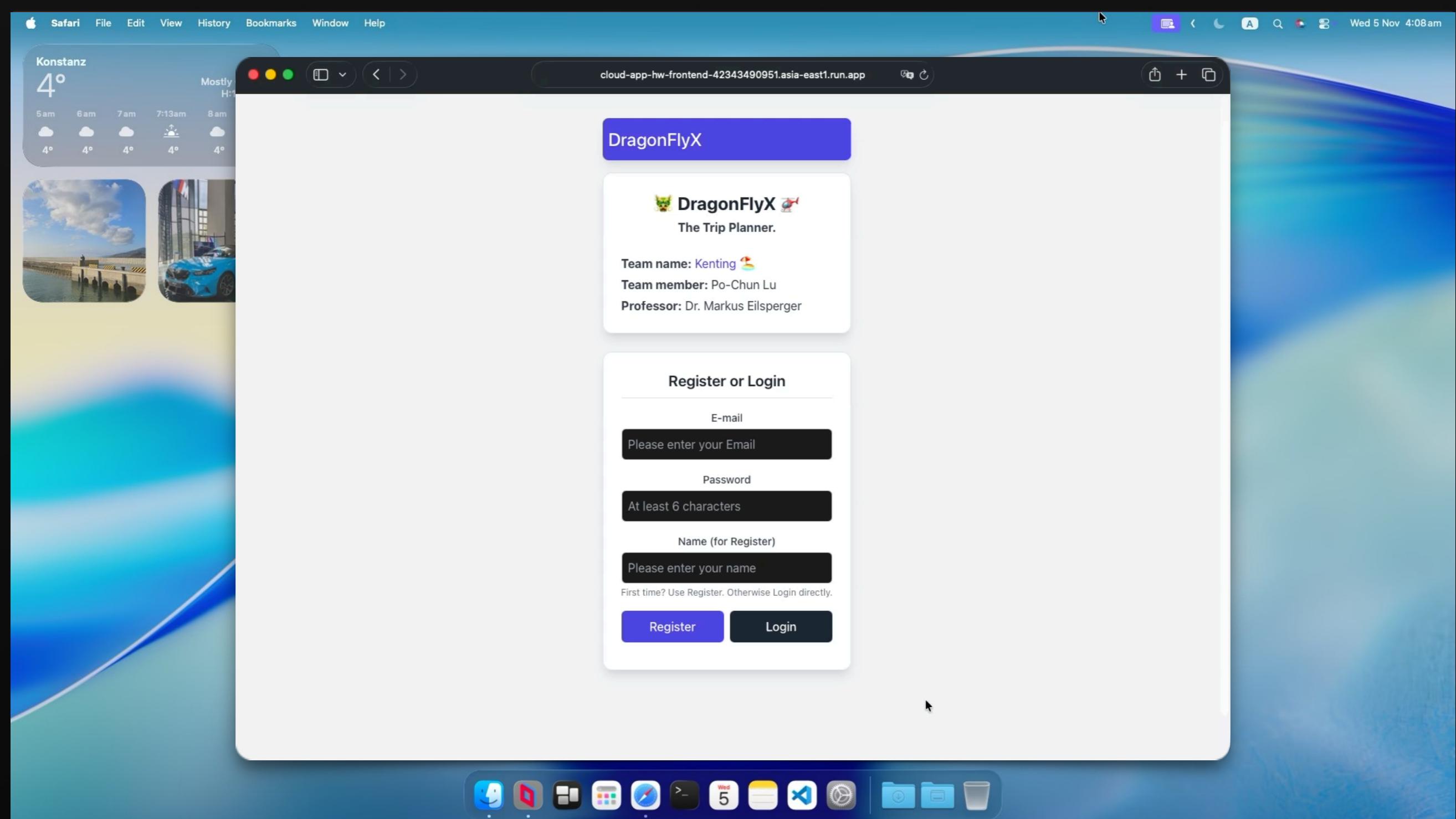
Your journey, starts here...



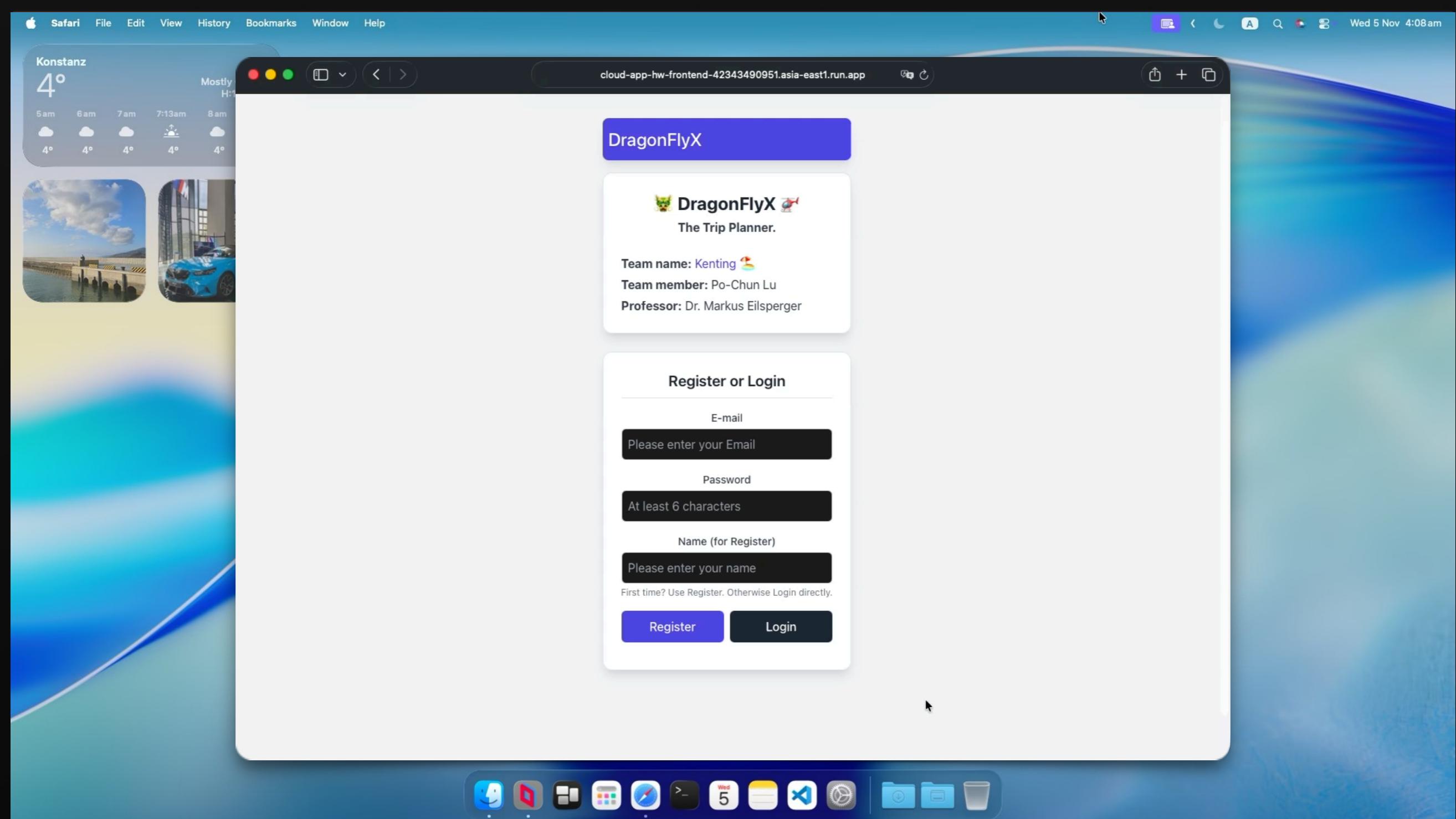


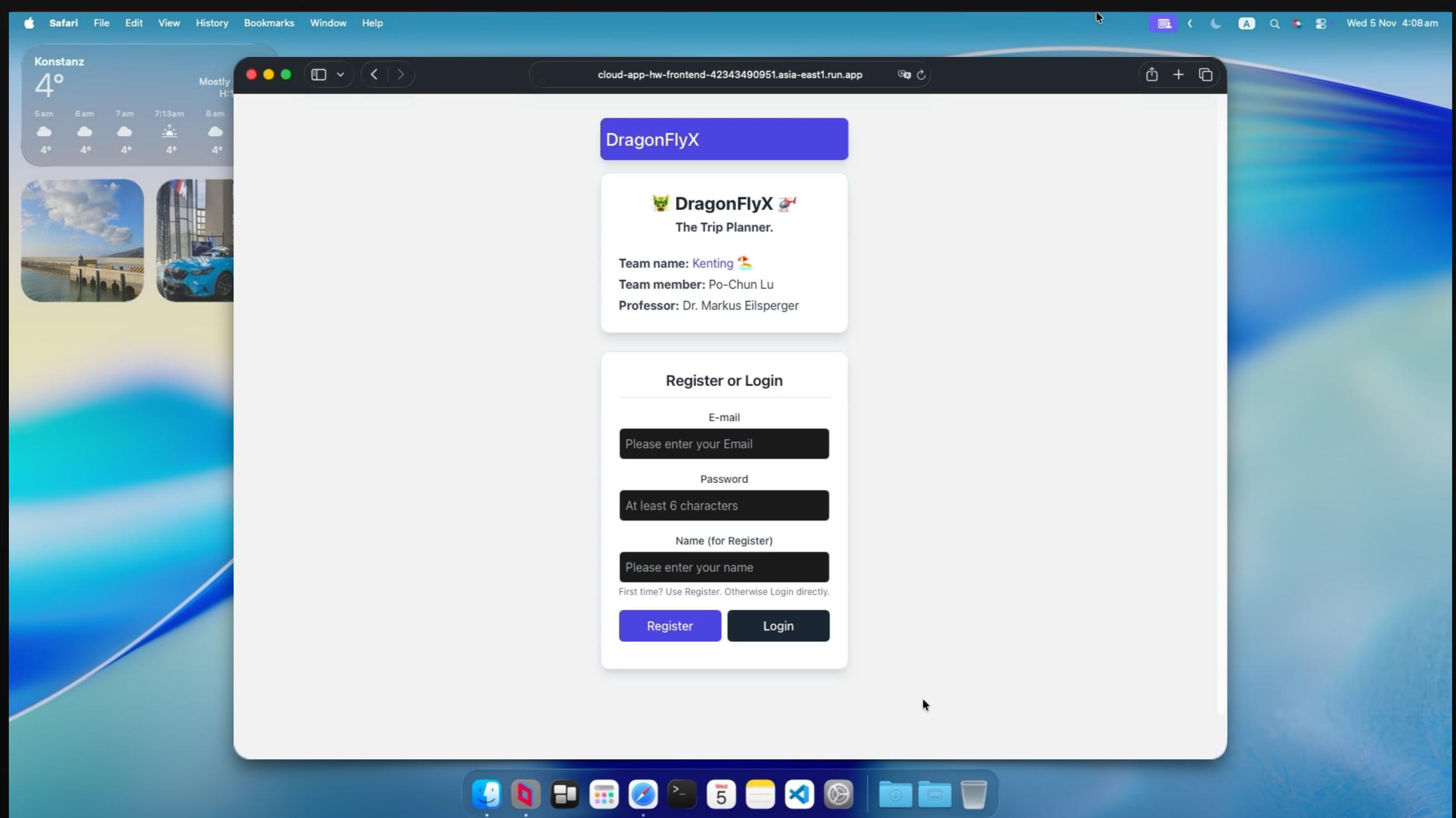


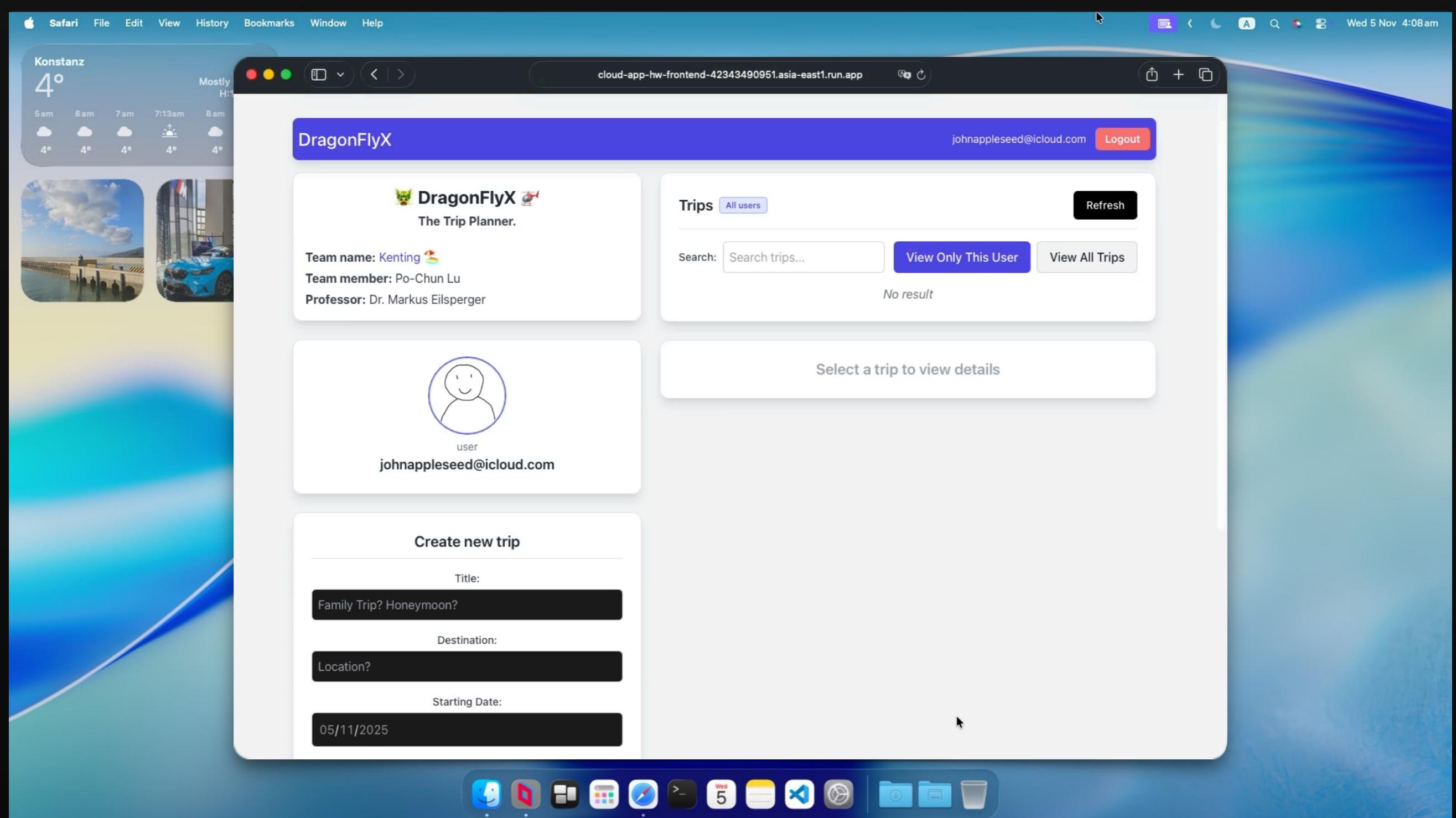
It all begins with you.



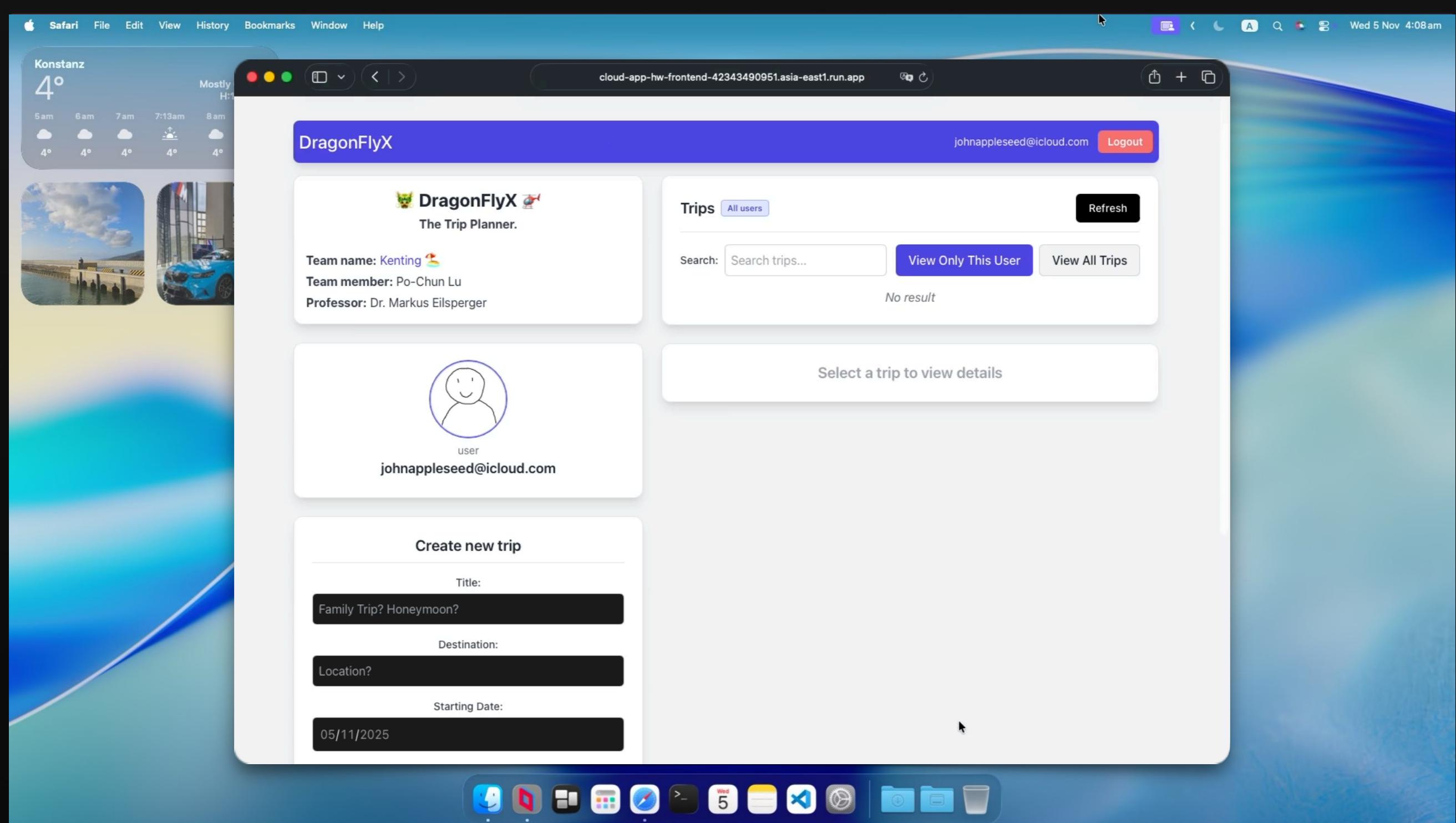
It all begins with you.

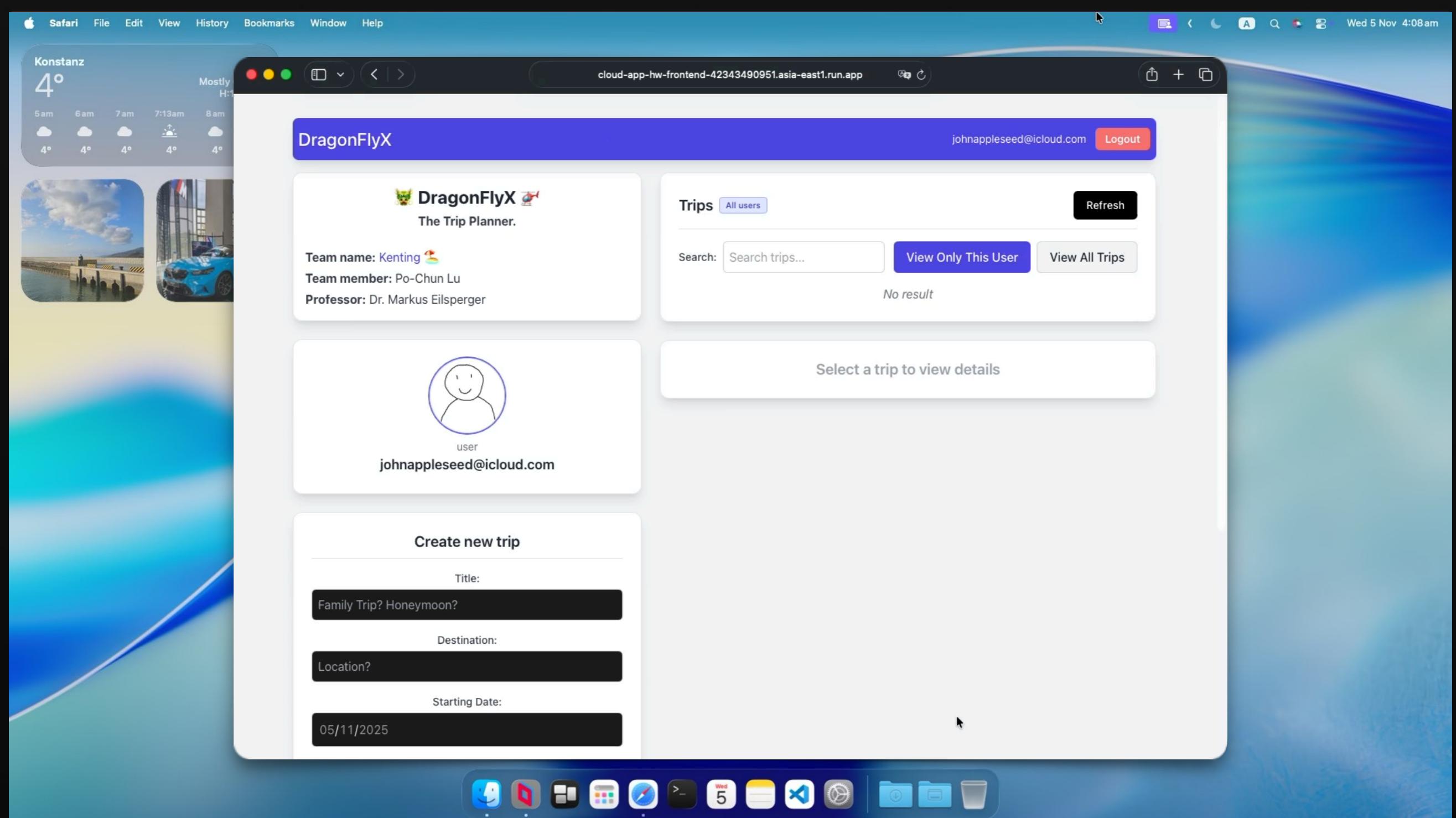


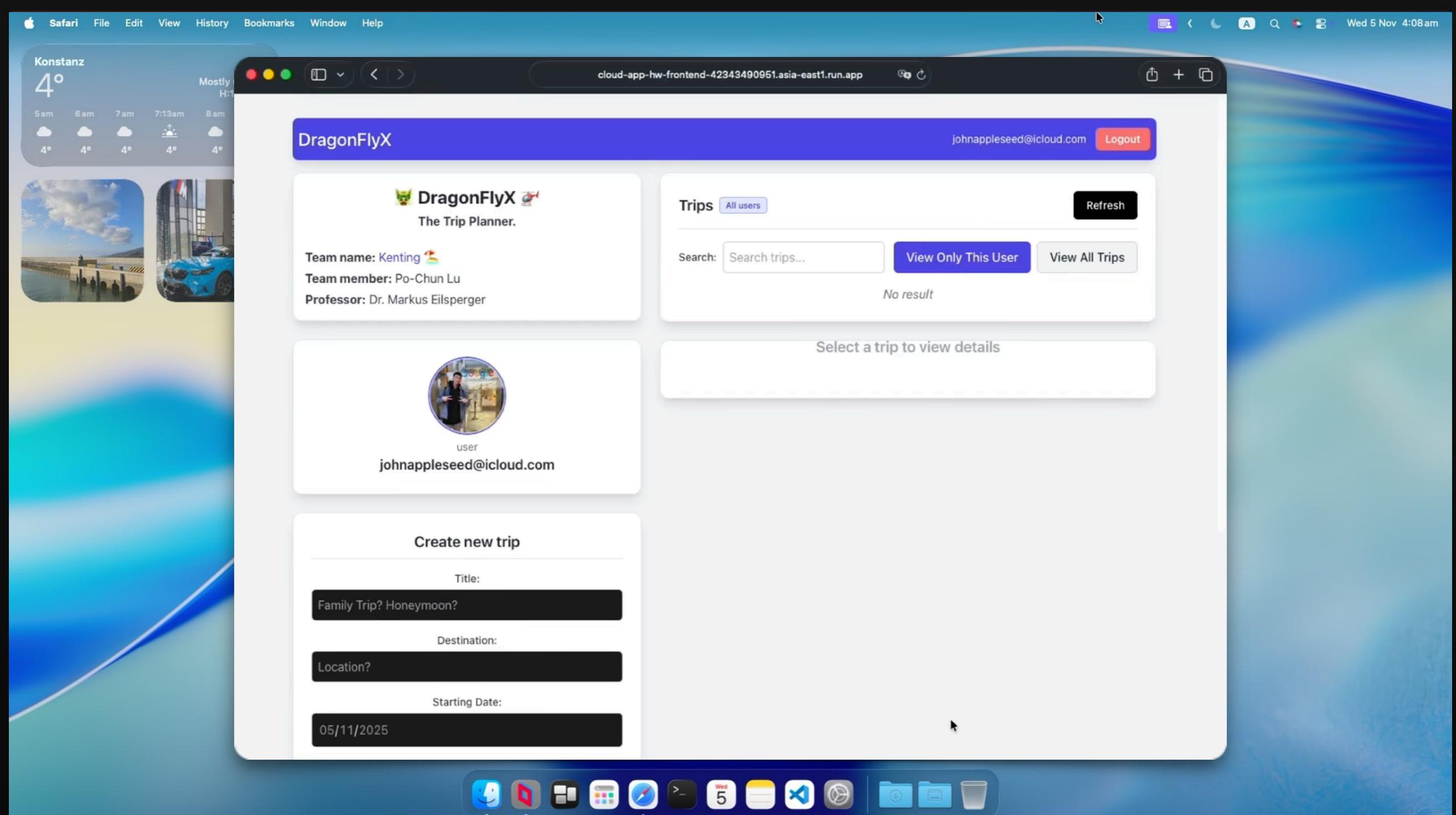




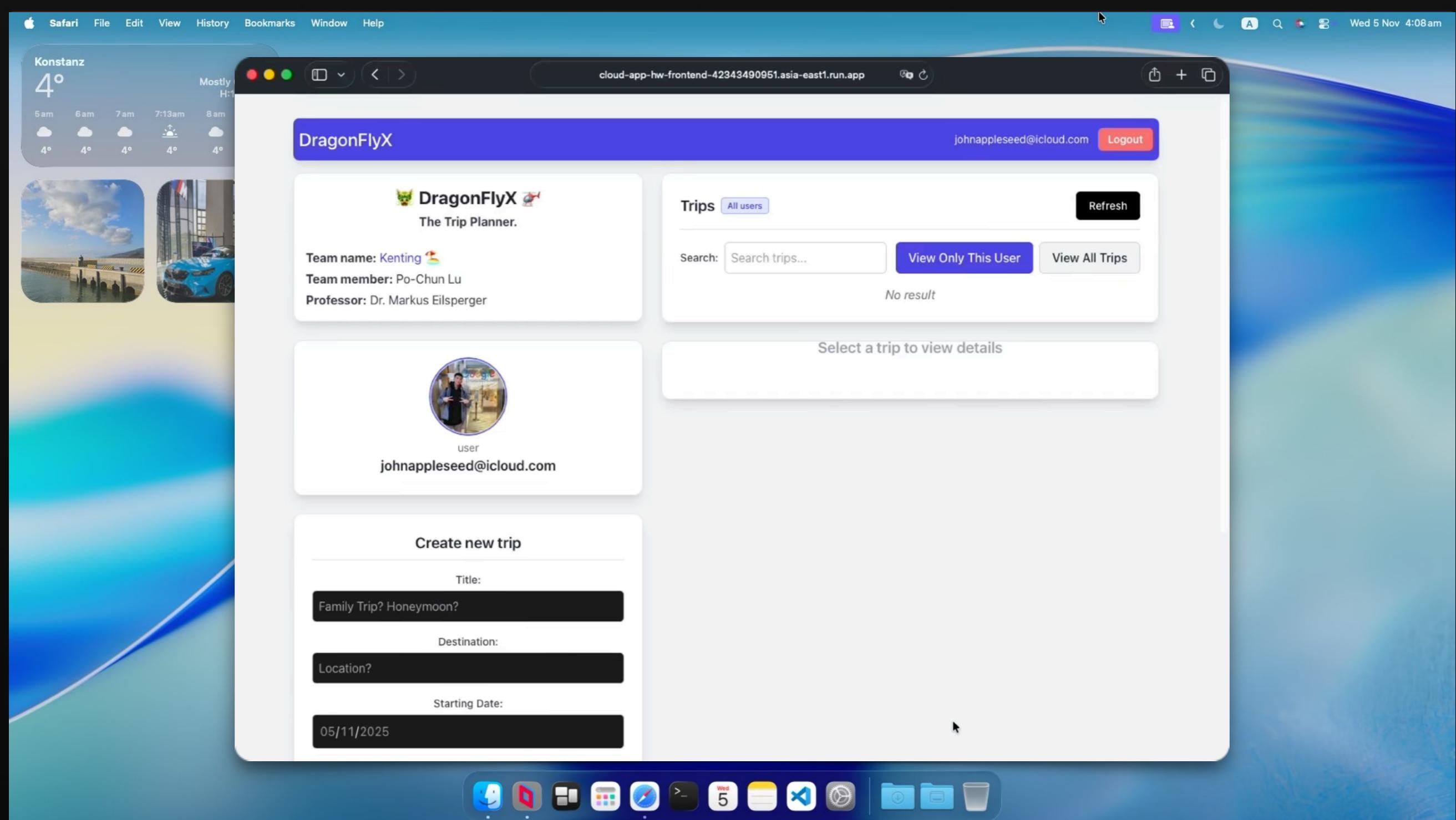
Your personal travel identity.

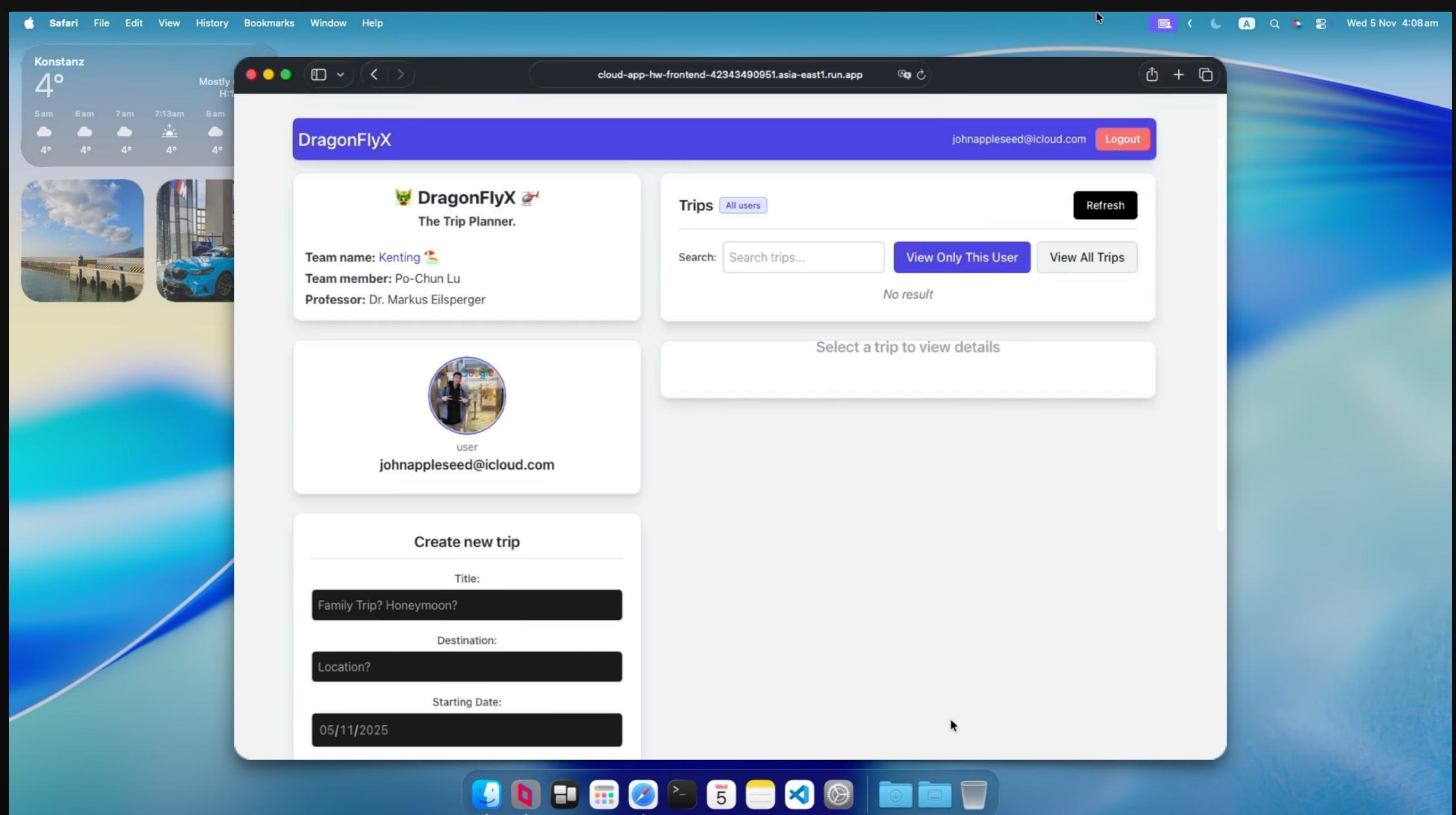


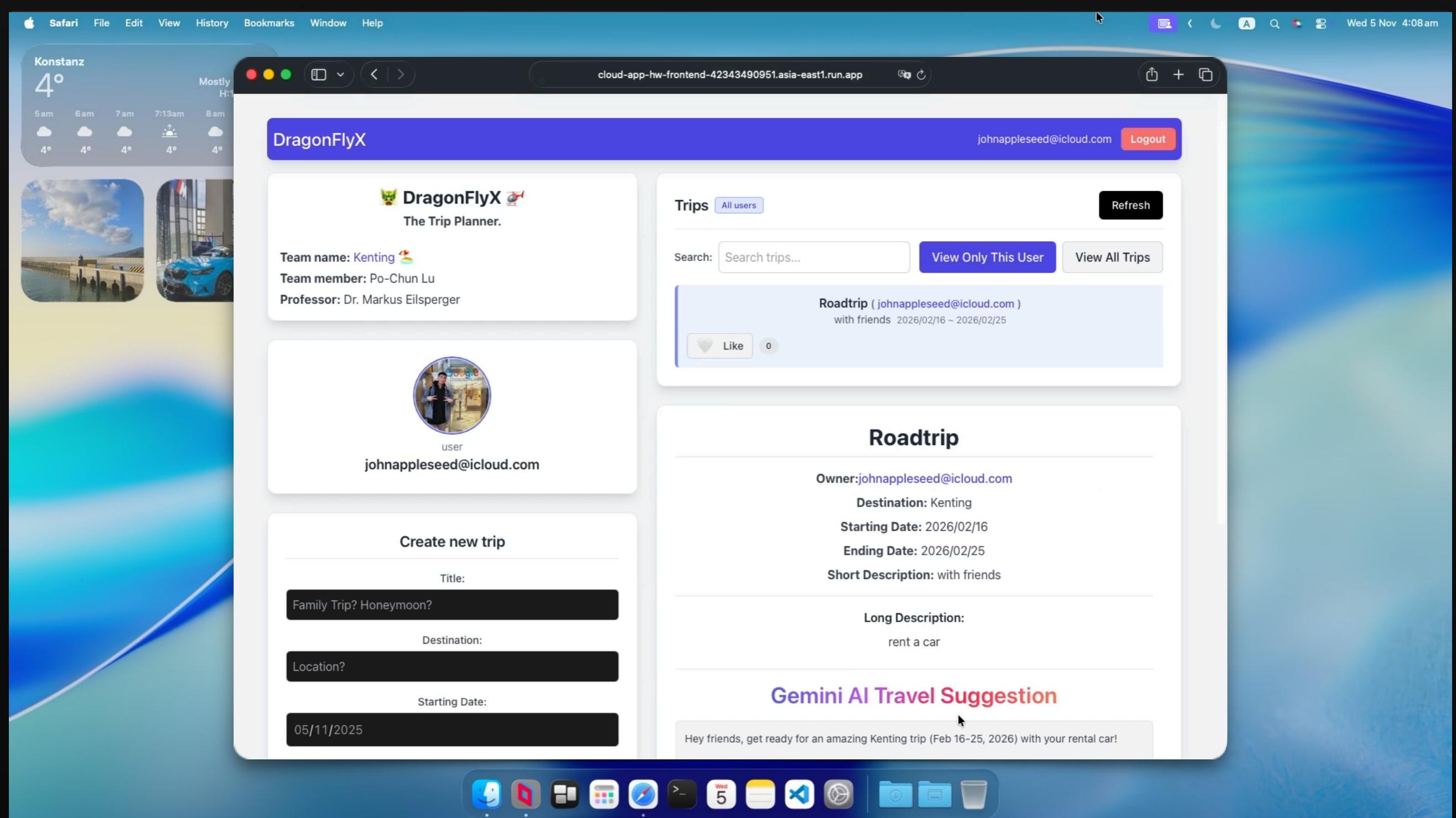




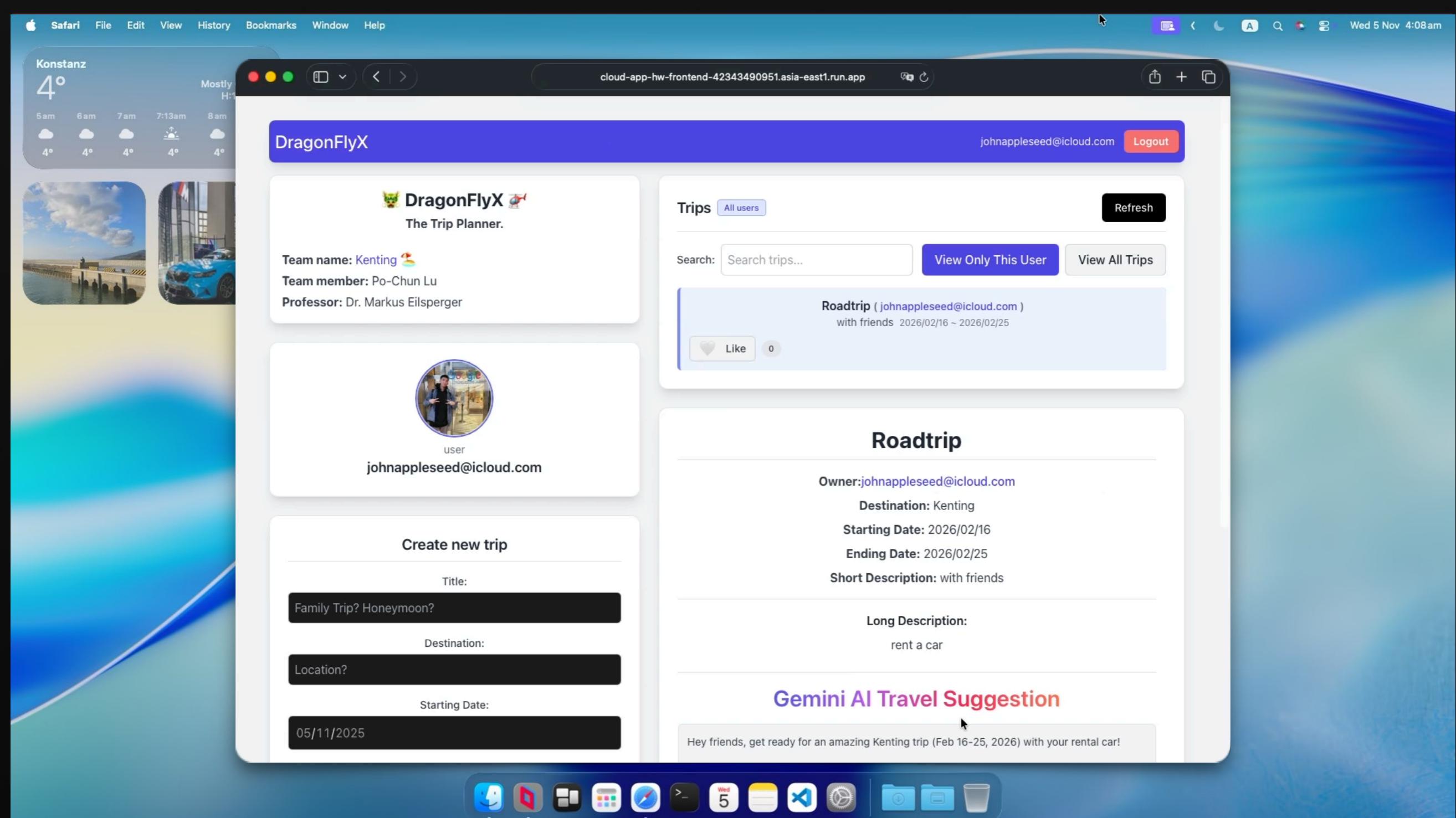
Plan your next adventure.

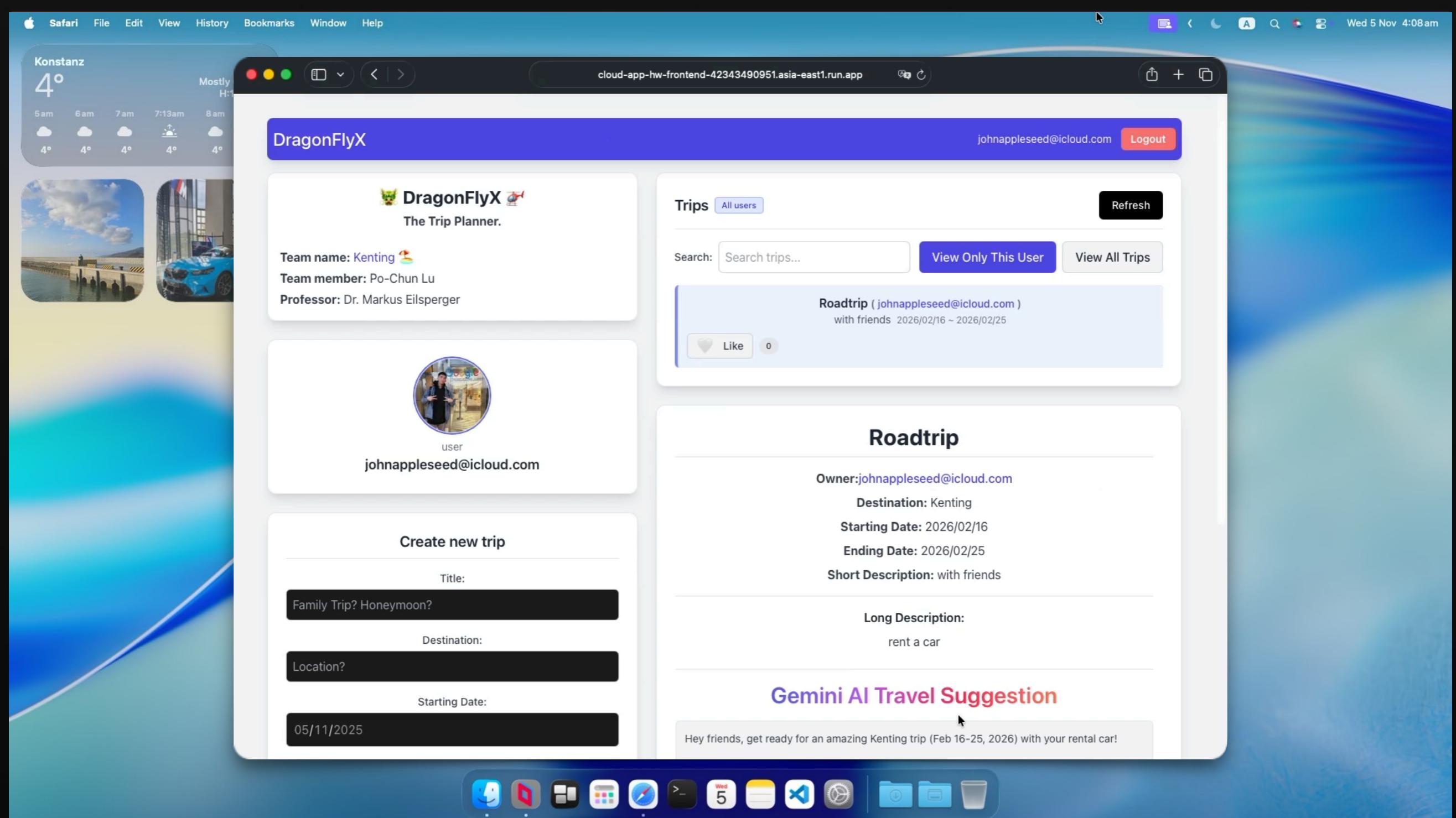


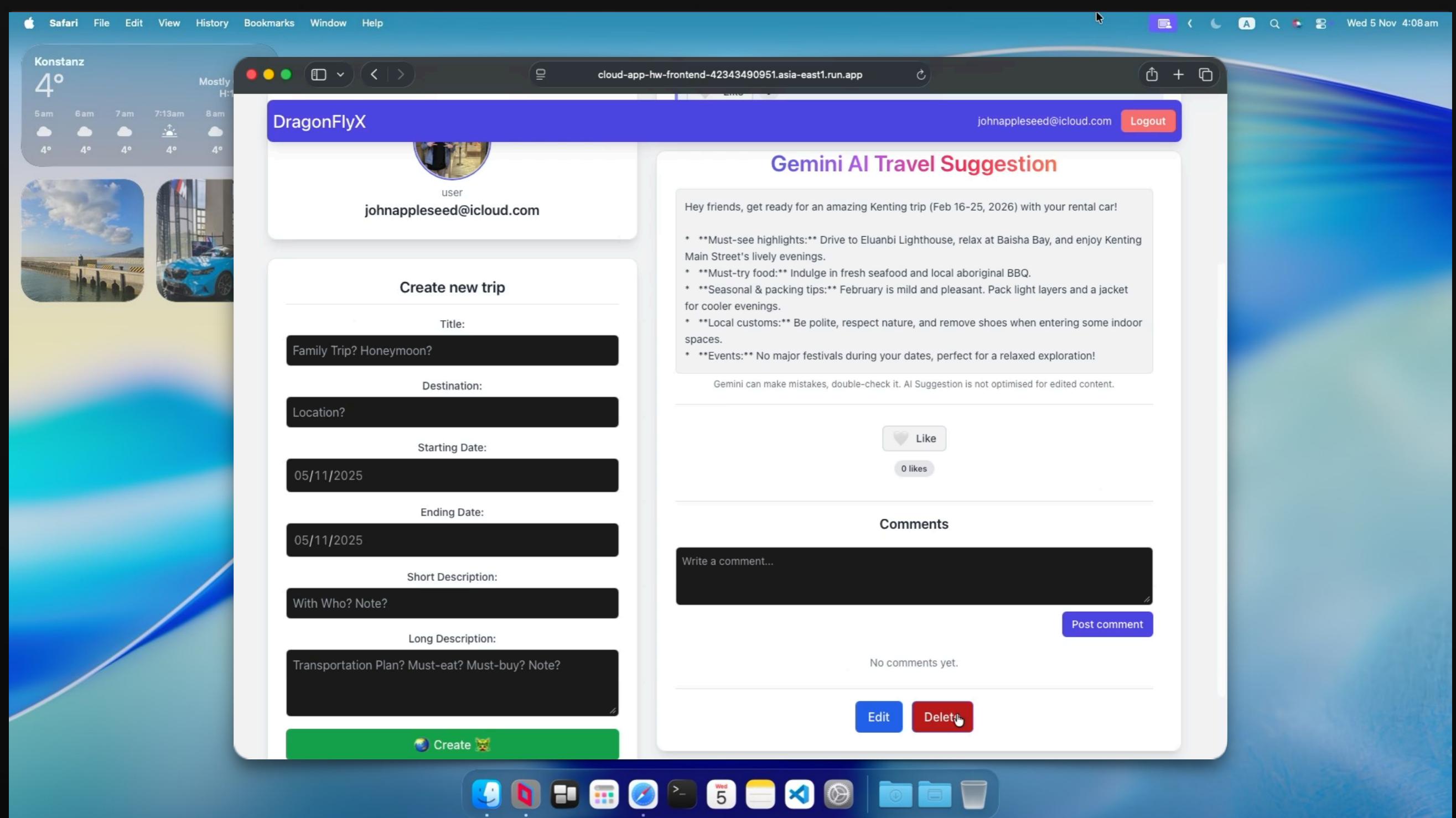




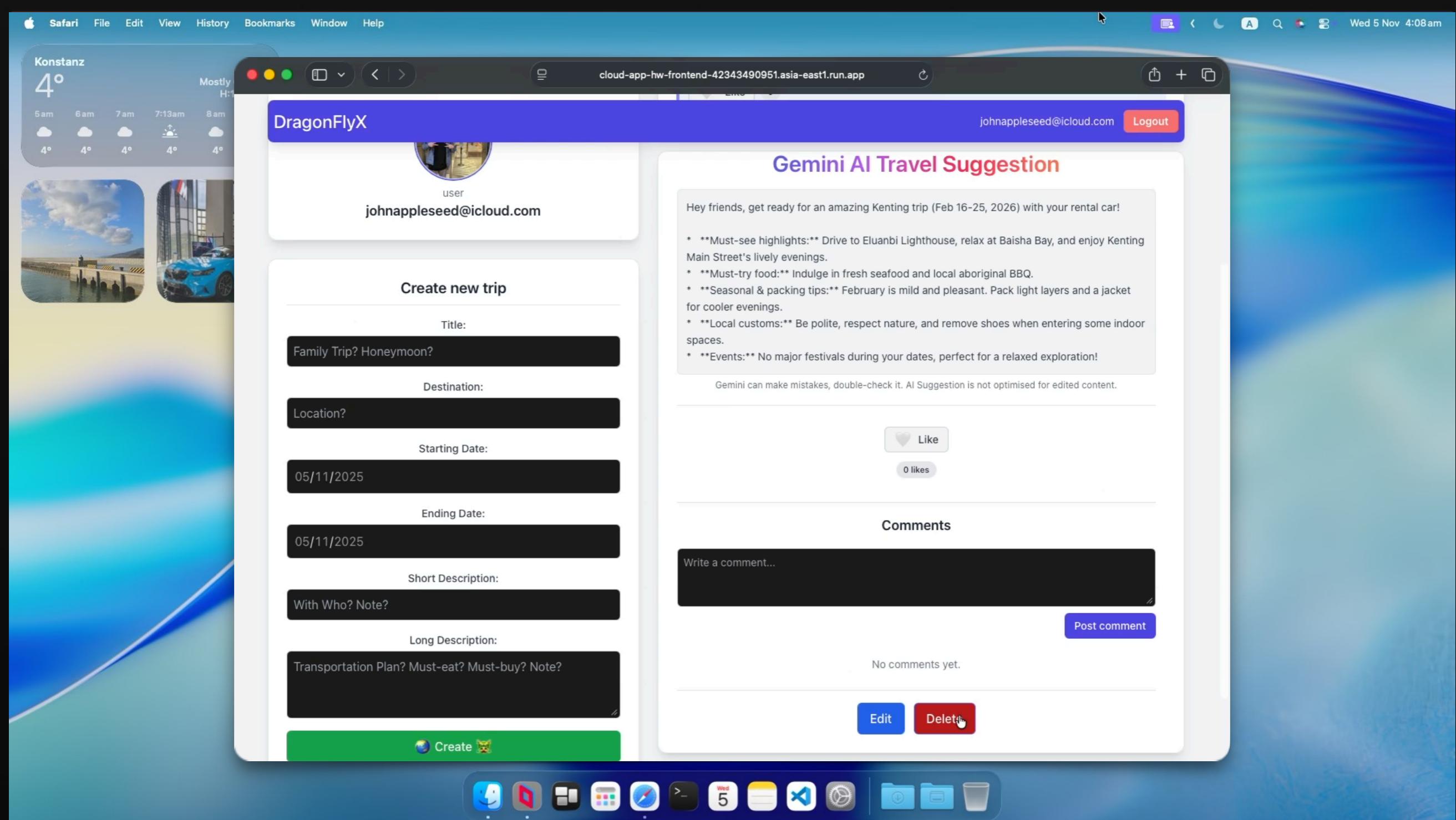
Meet your AI travel assistant.



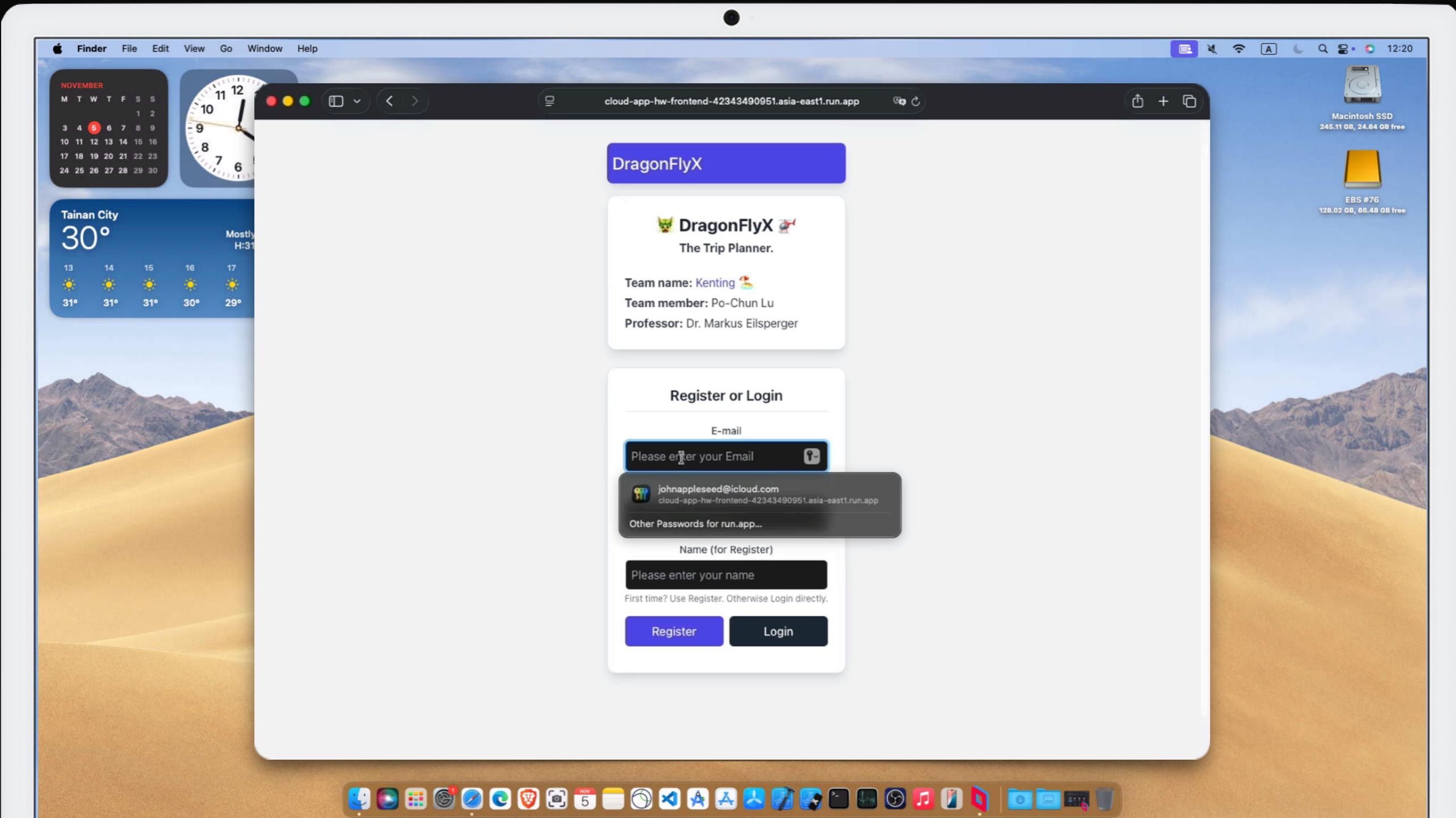




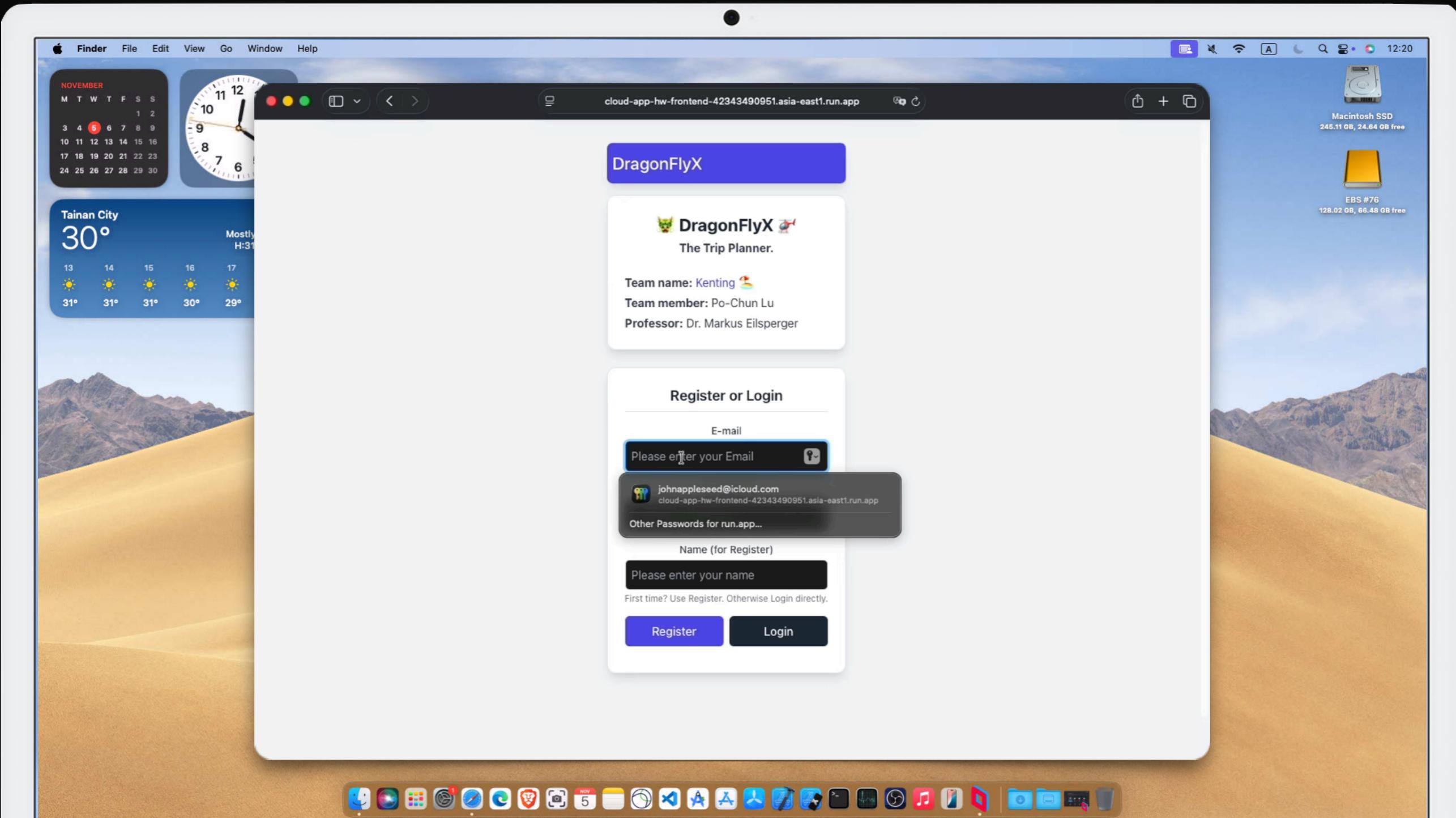
How others explore the world?

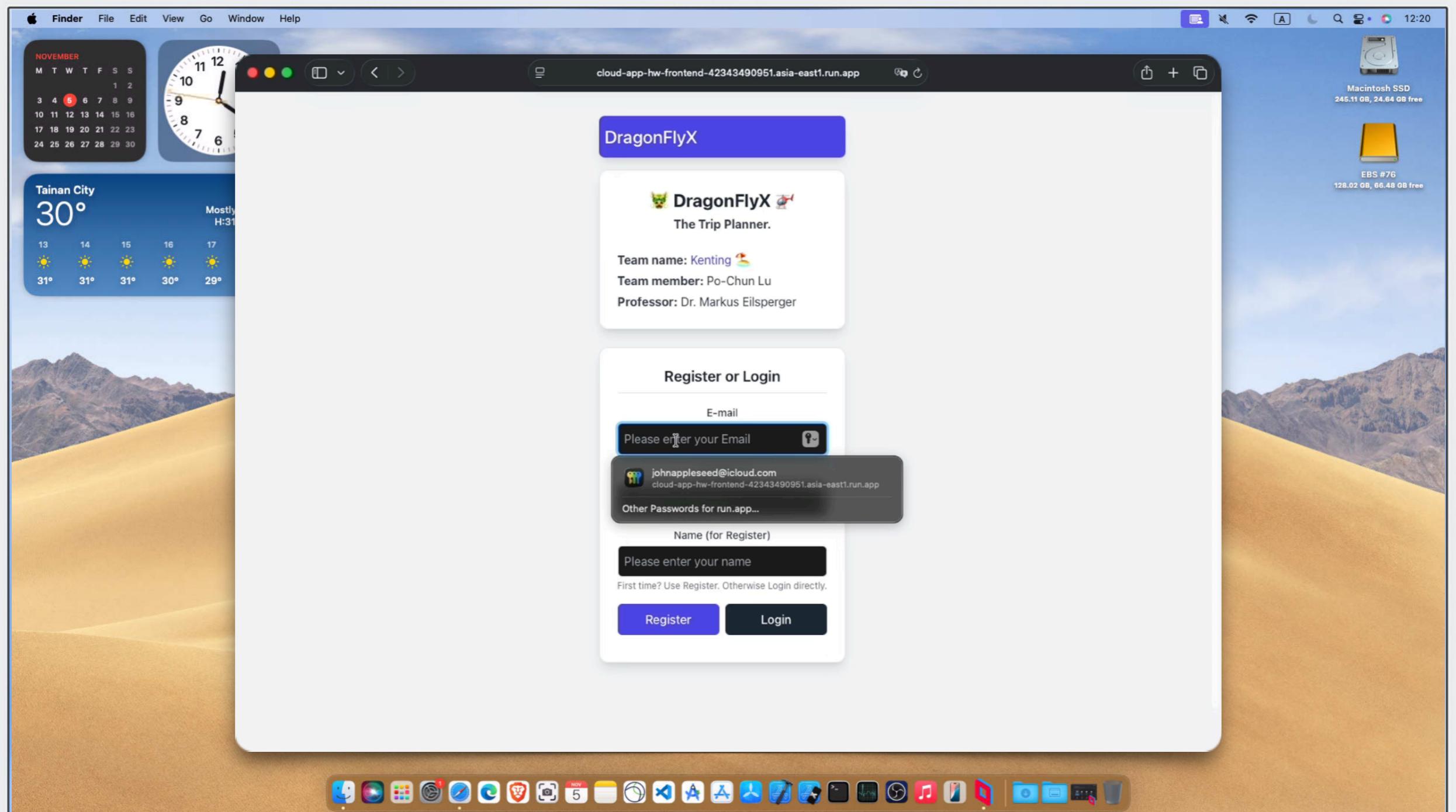


How others explore the world?



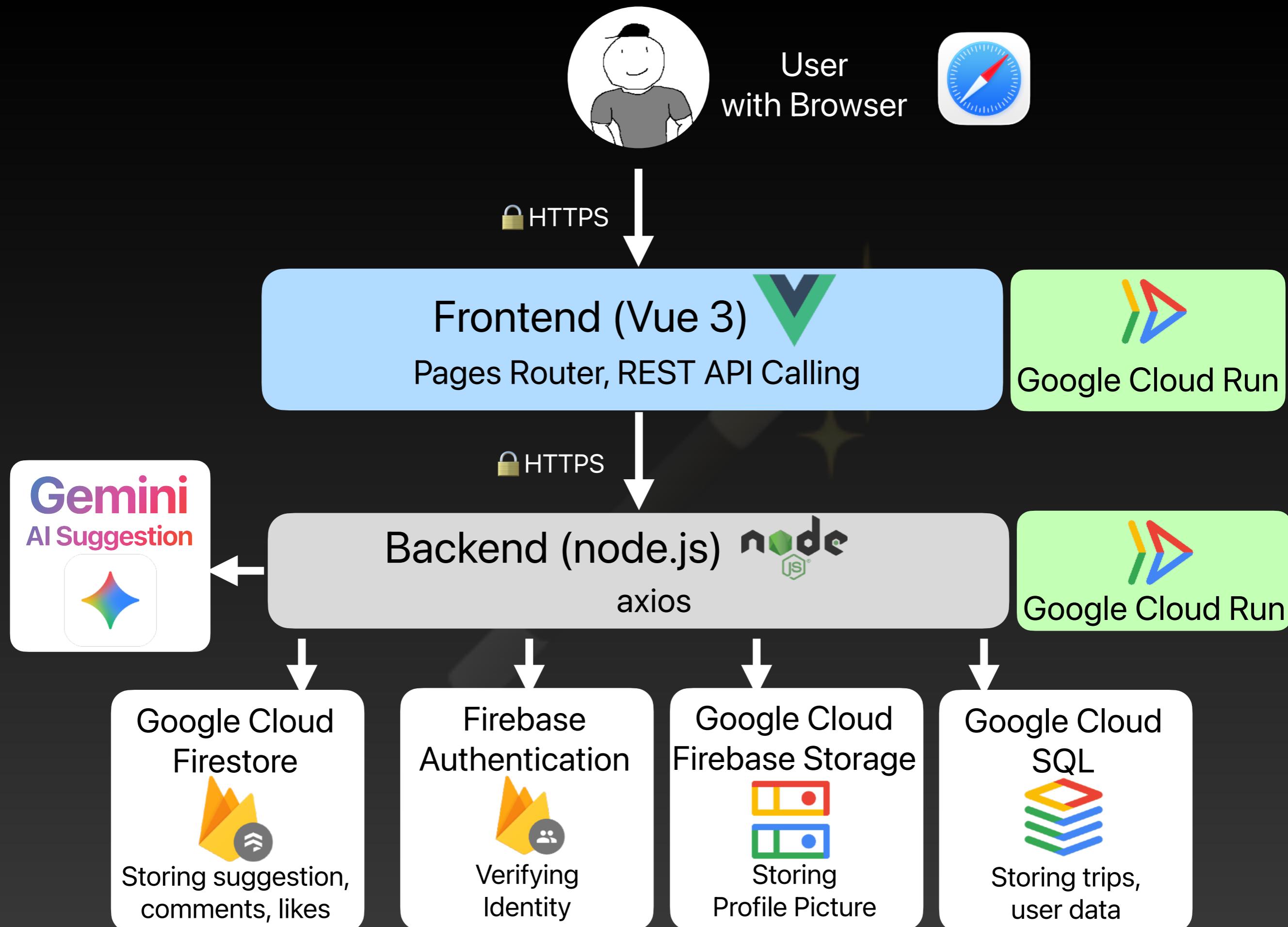
How others explore the world?

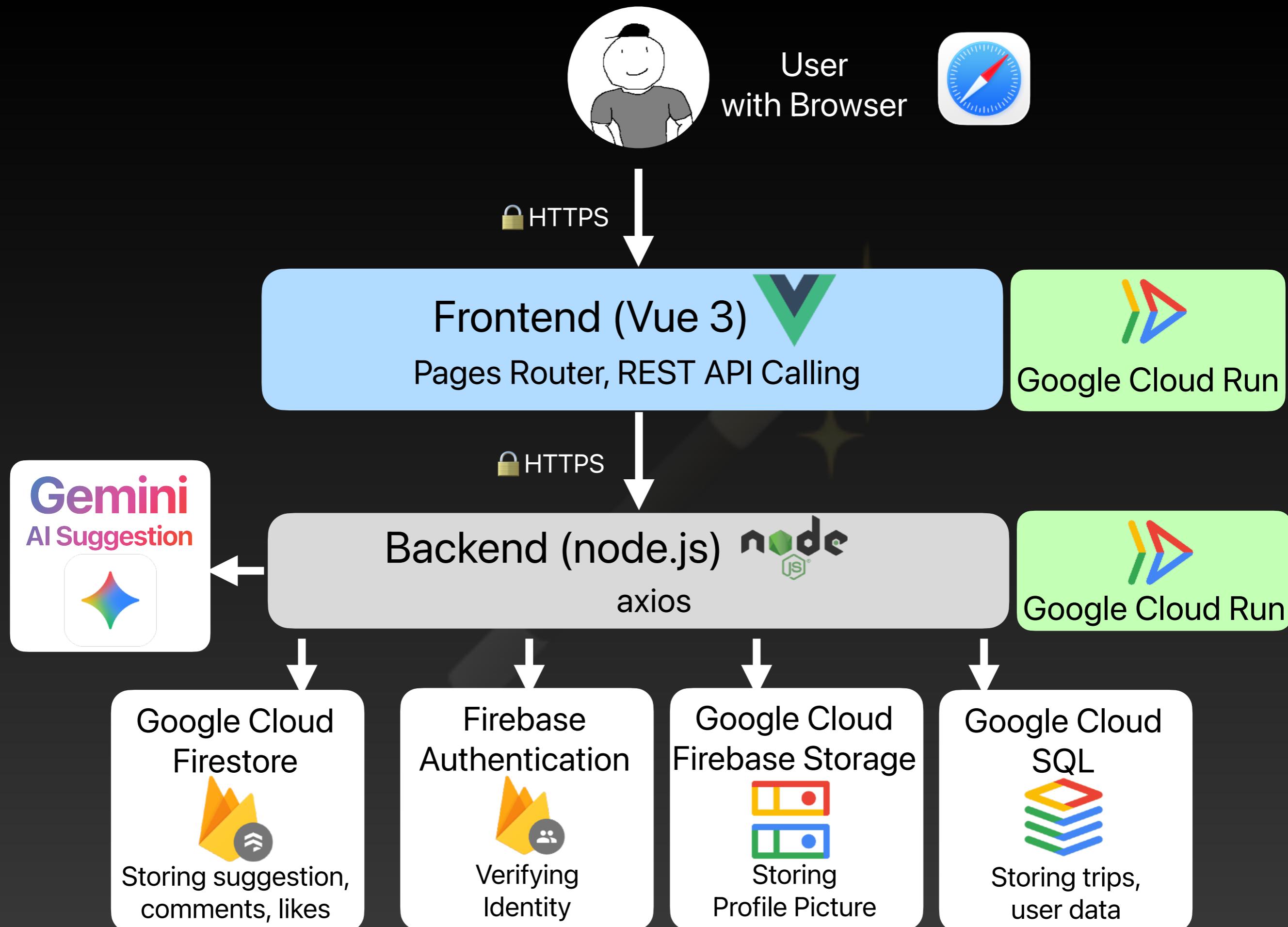




Under the hood

What's the magic of DragonFlyX ?







DragonFlyX

**Right in your pocket.
Fast, responsive and secured.**



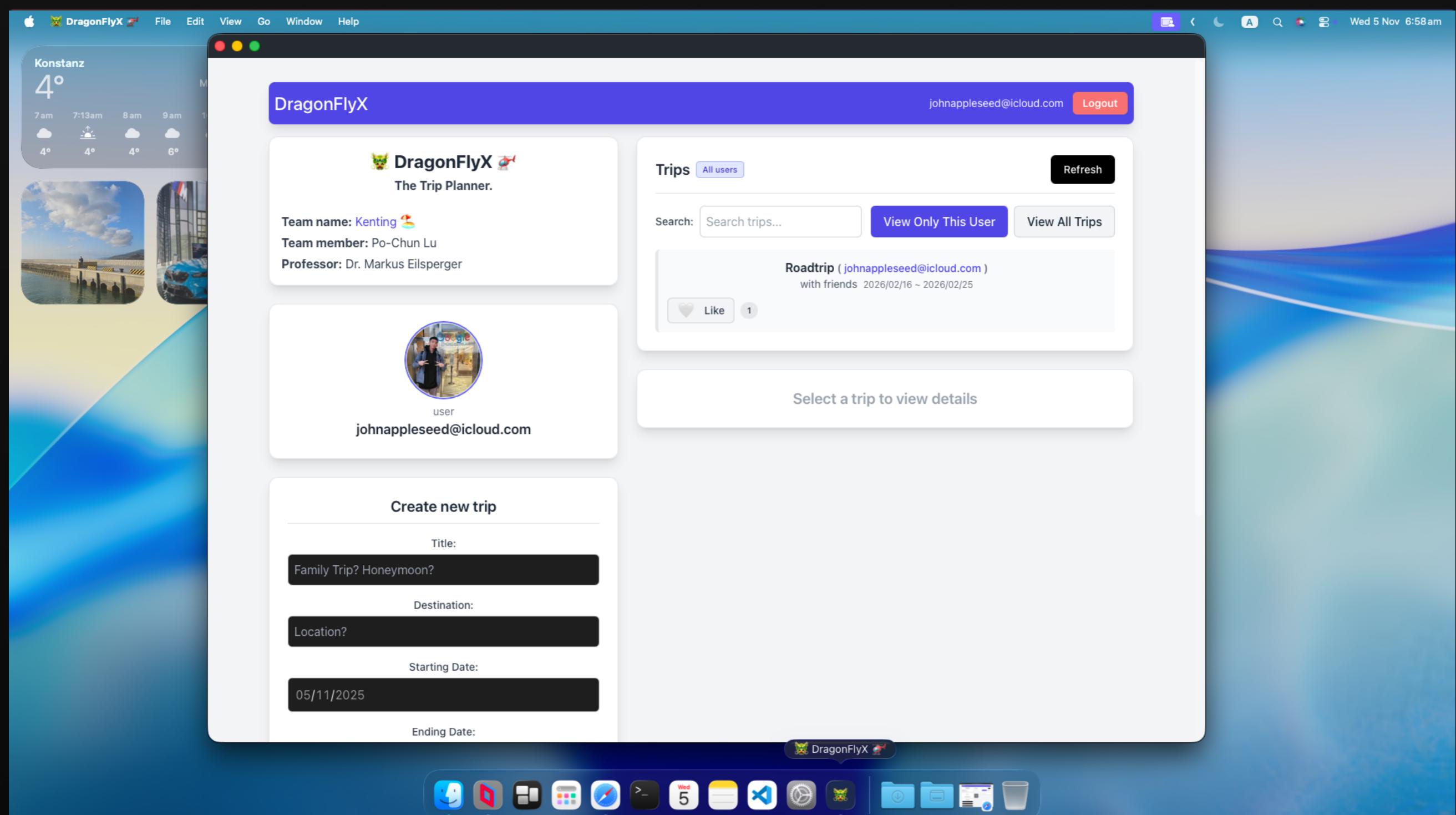
DragonFlyX

**Right in your pocket.
Fast, responsive and secured.**



Stay focused, stay immersed.

DragonFlyX Desktop Experience





Explore. Connect. Inspire.

The journey doesn't end — it begins with you.

 LOCUST
Host
https://cloud-app-hw-backend-42343490951.asia-east...
Status
CLEANUP
RPS
112.7
Failures
49%
EDIT
STOP
RESET
⚙️

STATISTICS
CHARTS
FAILURES
EXCEPTIONS
CURRENT RATIO
DOWNLOAD DATA
LOGS
LOCUST CLOUD

☰

Type	Name	# Requests	# Fails	Median (ms)	95%ile (ms)	99%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
POST	/api/itineraries (create)	4000	0	1400	2800	3900	1592.85	770	5536	111.45	42.8	0
GET	/api/itineraries/:id/ai	956	0	1100	2300	2800	1248.88	559	3319	189.49	11.3	0
GET	/api/itineraries/by-email/:email	986	0	1500	2700	3500	1642.85	450	3860	377448.53	11.7	0
GET	/api/itineraries/detail/:id	979	0	770	1800	2200	868.75	286	2763	331.23	10.3	0
POST	/api/travellers/ensure	296	0	11000	14000	15000	6966.55	721	15617	96.68	0	0
POST	firebaseSignIn	7442	7442	1200	2200	2800	1291	179	3317	217.79	36.6	36.6
POST	firebaseSignUp	400	0	45000	102000	103000	59695.25	844	103812	1412	0	0
Aggregated		15059	7442	1300	2900	91000	3027	179	103812	24923.95	112.7	36.6

ABOUT FEEDBACK

 LOCUST
Host
http://35.212.243.237:5173
Status
CLEANUP
RPS
112.7
Failures
49%
EDIT
STOP
RESET
⚙️

STATISTICS
CHARTS
FAILURES
EXCEPTIONS
CURRENT RATIO
DOWNLOAD DATA
LOGS
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☰

Type	Name	# Requests	# Fails	Median (ms)	95%ile (ms)	99%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
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GET	/api/itineraries/:id/ai	956	0	1100	2300	2800	1248.88	559	3319	189.49	11.3	0
GET	/api/itineraries/by-email/:email	986	0	1500	2700	3500	1642.85	450	3860	377448.53	11.7	0
GET	/api/itineraries/detail/:id	979	0	770	1800	2200	868.75	286	2763	331.23	10.3	0
POST	/api/travellers/ensure	296	0	11000	14000	15000	6966.55	721	15617	96.68	0	0
POST	firebaseSignIn	7442	7442	1200	2200	2800	1291	179	3317	217.79	36.6	36.6
POST	firebaseSignUp	400	0	45000	102000	103000	59695.25	844	103812	1412	0	0
Aggregated		15059	7442	1300	2900	91000	3027	179	103812	24923.95	112.7	36.6

ABOUT FEEDBACK

Locust testing report

LOCUST

Host: https://cloud-app-hw-backend-42343490951.asia-east...

Status: CLEANUP | RPS: 112.7 | Failures: 49%

EDIT STOP RESET

STATISTICS CHARTS FAILURES EXCEPTIONS CURRENT RATIO DOWNLOAD DATA LOGS LOCUST CLOUD

Type	Name	# Requests	# Fails	Median (ms)	95%ile (ms)	99%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
POST	/api/itineraries (create)	4000	0	1400	2800	3900	1592.85	770	5536	111.45	42.8	0
GET	/api/itineraries/:id/ai	956	0	1100	2300	2800	1248.88	559	3319	189.49	11.3	0
GET	/api/itineraries/by-email/:email	986	0	1500	2700	3500	1642.85	450	3860	377448.53	11.7	0
GET	/api/itineraries/detail/:id	979	0	770	1800	2200	868.75	286	2763	331.23	10.3	0
POST	/api/travellers/ensure	296	0	11000	14000	15000	6966.55	721	15617	96.68	0	0
POST	firebaseSignIn	7442	7442	1200	2200	2800	1291	179	3317	217.79	36.6	36.6
POST	firebaseSignUp	400	0	45000	102000	103000	59695.25	844	103812	1412	0	0
Aggregated		15059	7442	1300	2900	91000	3027	179	103812	24923.95	112.7	36.6

ABOUT FEEDBACK

LOCUST

Host: http://35.212.243.237:5173

Status: CLEANUP | RPS: 112.7 | Failures: 49%

EDIT STOP RESET

STATISTICS CHARTS FAILURES EXCEPTIONS CURRENT RATIO DOWNLOAD DATA LOGS LOCUST CLOUD

Type	Name	# Requests	# Fails	Median (ms)	95%ile (ms)	99%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
POST	/api/itineraries (create)	4000	0	1400	2800	3900	1592.85	770	5536	111.45	42.8	0
GET	/api/itineraries/:id/ai	956	0	1100	2300	2800	1248.88	559	3319	189.49	11.3	0
GET	/api/itineraries/by-email/:email	986	0	1500	2700	3500	1642.85	450	3860	377448.53	11.7	0
GET	/api/itineraries/detail/:id	979	0	770	1800	2200	868.75	286	2763	331.23	10.3	0
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POST	firebaseSignIn	7442	7442	1200	2200	2800	1291	179	3317	217.79	36.6	36.6
POST	firebaseSignUp	400	0	45000	102000	103000	59695.25	844	103812	1412	0	0
Aggregated		15059	7442	1300	2900	91000	3027	179	103812	24923.95	112.7	36.6

ABOUT FEEDBACK

The screenshot shows a web browser window with two tabs open. The left tab is a Microsoft search results page with a dark theme, displaying various cloud-related services. The right tab is the "DragonFlyX" trip planner application.

Left Tab (Microsoft Search):

- HTWG-CloudAPP-HW – Database
- firebase-adminsdk – IAM and adm
- iambjlu/HTWG-Cloud-App-Dev-H
- cloud run - Google Search
- VM instances – Compute Engine -
- htwg-cloud...v-1141104 – Cloud S
- Metrics – ...w-backend – Cloud R
- Metrics –frontend – Cloud Run

Right Tab (DragonFlyX):

DragonFlyX

DragonFlyX The Trip Planner.

Team name: Kenting

Team member: Po-Chun Lu

Professor: Dr. Markus Eilsperger

Register or Login

E-mail
Please enter your Email

Password
At least 6 characters

Name (for Register)
Please enter your name

First time? Use Register. Otherwise Login directly.

Register **Login**

Locust testing report

The screenshot shows a web browser window with two tabs open. The left tab is a Microsoft search page with a dark theme, displaying a search bar, a microphone icon, and a colorful logo. The right tab is a "DragonFlyX" application, which is a trip planner. The application has a blue header with the text "DragonFlyX". Below the header, there is a logo featuring a dragon and a helicopter, followed by the text "DragonFlyX" and "The Trip Planner.". It also displays information about the team: "Team name: Kenting 🌴", "Team member: Po-Chun Lu", and "Professor: Dr. Markus Eilsperger". The bottom half of the application is a "Register or Login" form with fields for "E-mail", "Password", "Name (for Register)", and buttons for "Register" and "Login". A note at the bottom says "First time? Use Register. Otherwise Login directly."

35.212.243.237:5173 https://cloud-app-hw-frontend-42343490951.asia-east1.run.app

HTWG-CloudAPP-HW – Database

firebase-adminsdk – IAM and adn

iambjlu/HTWG-Cloud-App-Dev-H

cloud run - Google Search

VM instances – Compute Engine -

htwg-cloud...v-1141104 – Cloud S

Metrics – ...w-backend – Cloud R

Metrics –frontend – Cloud Run

New Tab DragonflyX

New Tab

+ New Tab

Microsoft

Durchsuchen des Webs

DragonFlyX

The Trip Planner.

Team name: Kenting 🌴

Team member: Po-Chun Lu

Professor: Dr. Markus Eilsperger

Register or Login

E-mail

Please enter your Email

Password

At least 6 characters

Name (for Register)

Please enter your name

First time? Use Register. Otherwise Login directly.

Register

Login



Thanks For Listening

How about start your journey today?