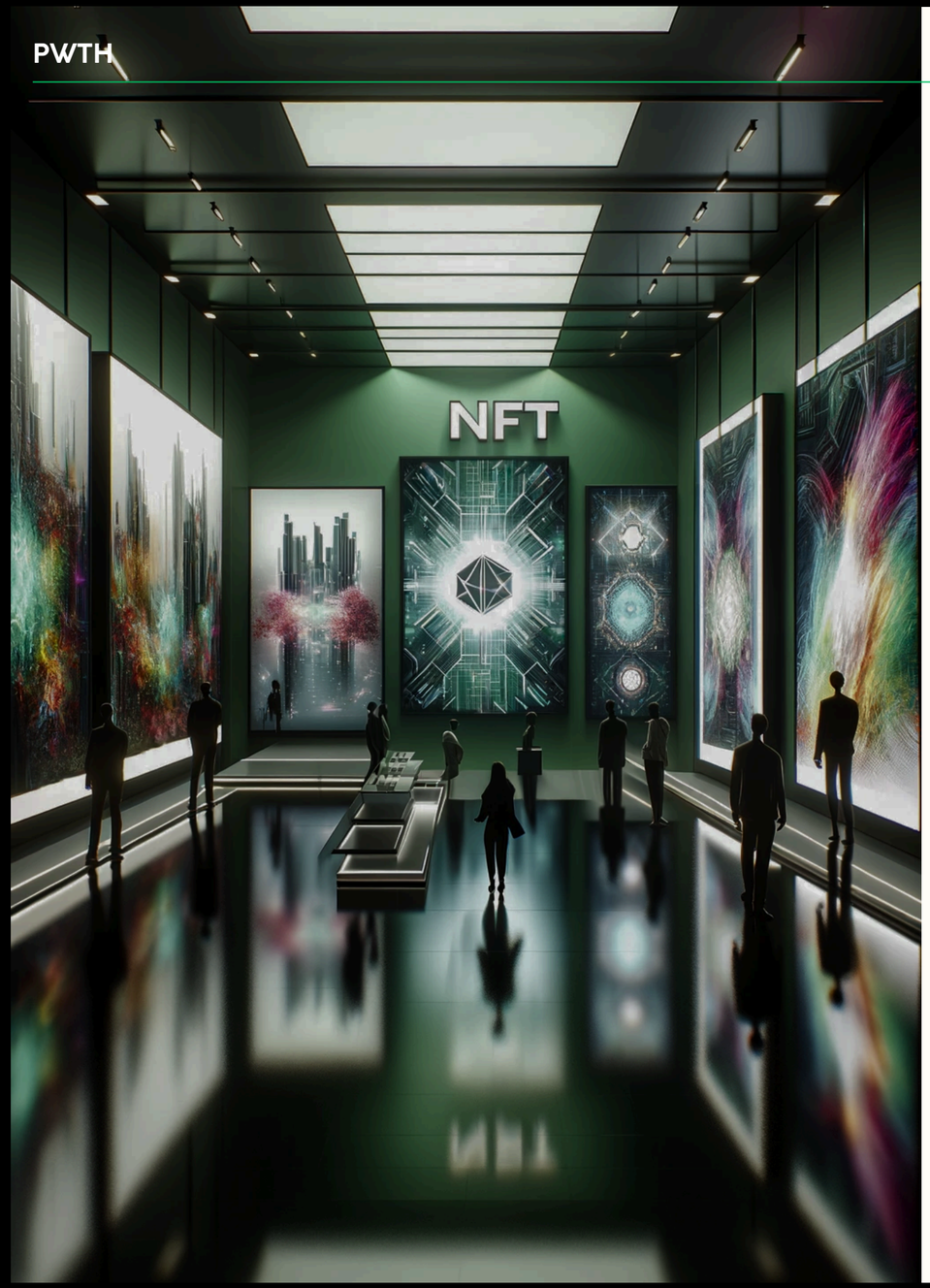
Instamint



INTRODUCTION

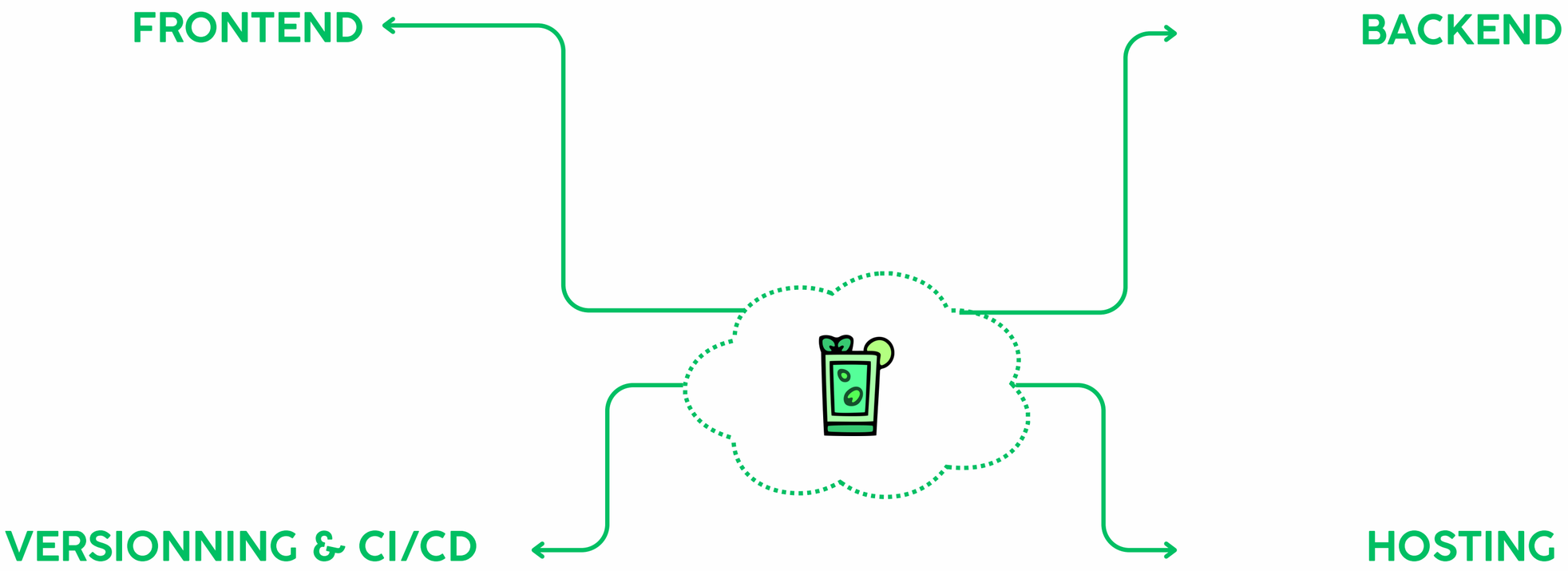
1. WHO ARE WE?
2. TECHNOLOGIES USED
3. DEMONSTRATION OF KEY FEATURES
4. SECURITY & PRIVACY
5. DURABILITY
6. DELIVERABLES & TIMELINE
7. BUDGET AND PAYMENT TERMS
8. CONCLUSION

1. WHO ARE WE?

We're passionate about innovation and determined to make a difference.

2. TECHNOLOGIES USED

Presentation of the technical stack used.


FRONTEND
BACKEND
VERSIONNING & CI/CD
HOSTING

FRONTEND

NEXT.JS

BACKEND

VERSIONNING & CI/CD

HOSTING

FRONTEND

NEXT.JS

BACKEND

PostgreSQL

Hono

redis

VERSIONNING & CI/CD

HOSTING

FRONTEND

NEXT.JS

BACKEND

PostgreSQL

Hono

redis

VERSIONNING & CI/CD

GitHub

GitHub Actions

sonarqube

HOSTING

FRONTEND

NEXT.JS

BACKEND

PostgreSQL

Hono

redis

VERSIONNING & CI/CD

GitHub

GitHub Actions

sonarqube

HOSTING

traefik

Grafana

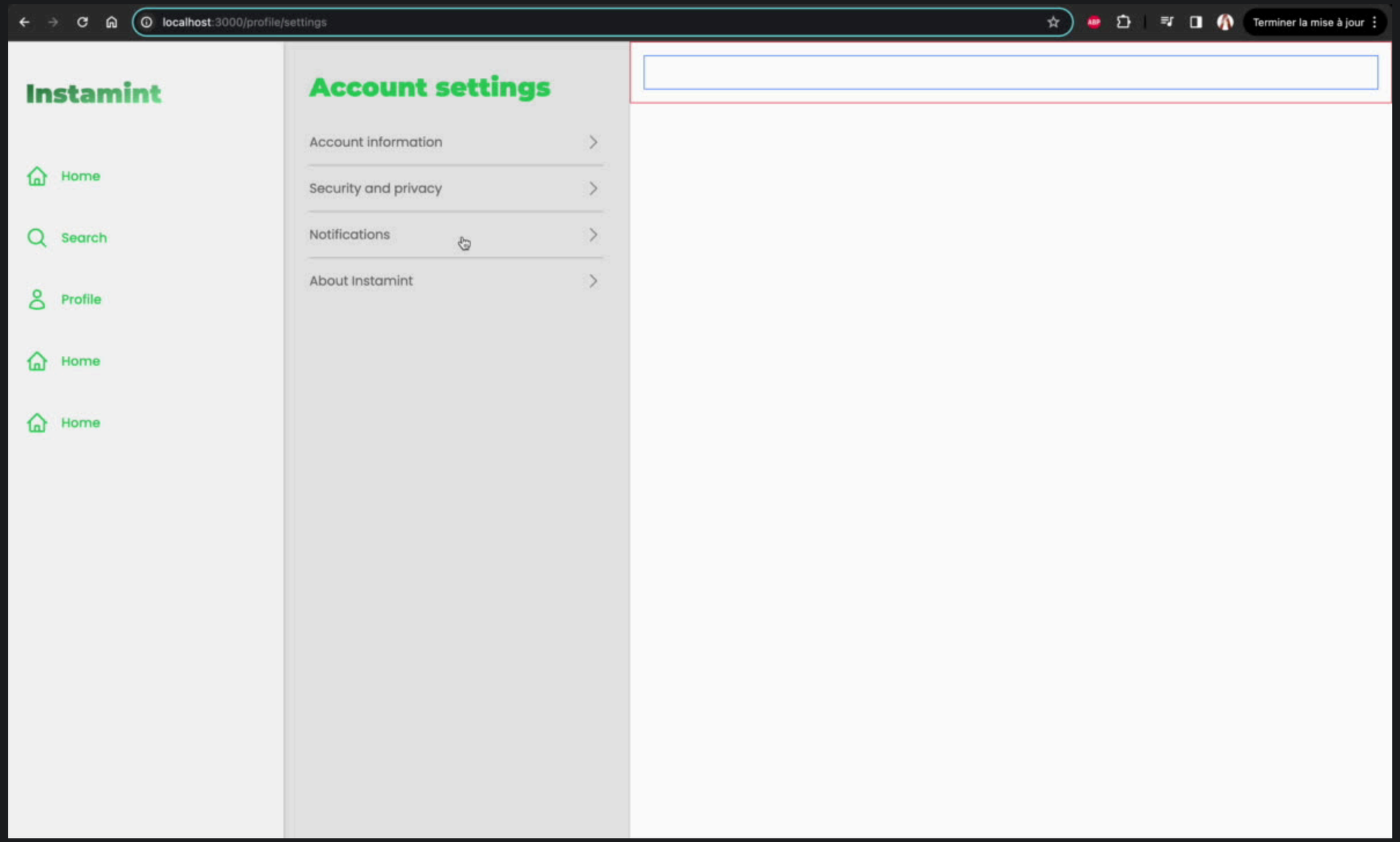
ANSIBLE + Terraform

docker

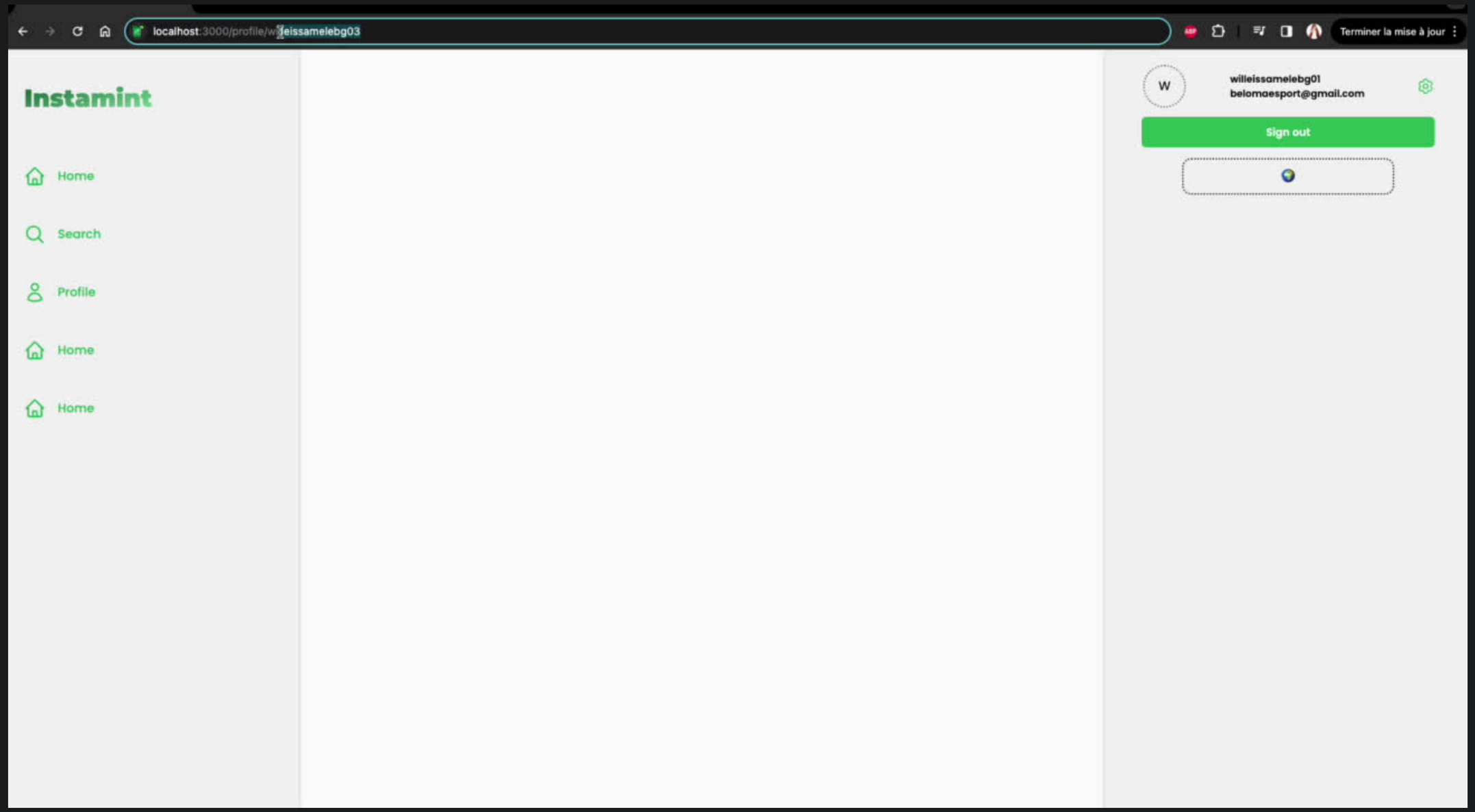
Microsoft Azure

3. DEMONSTRATION OF KEY FEATURES

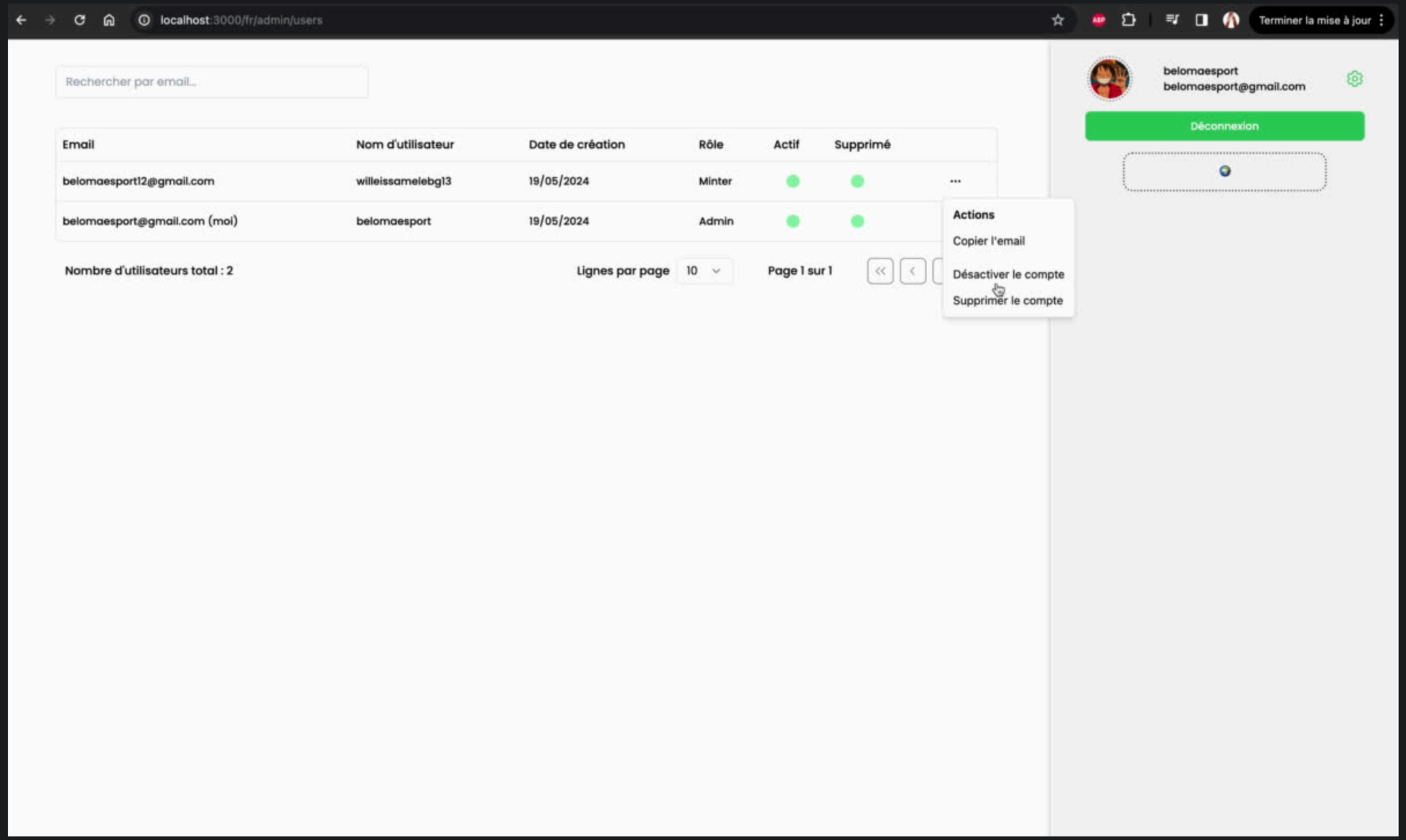
Demos of the main developer features.



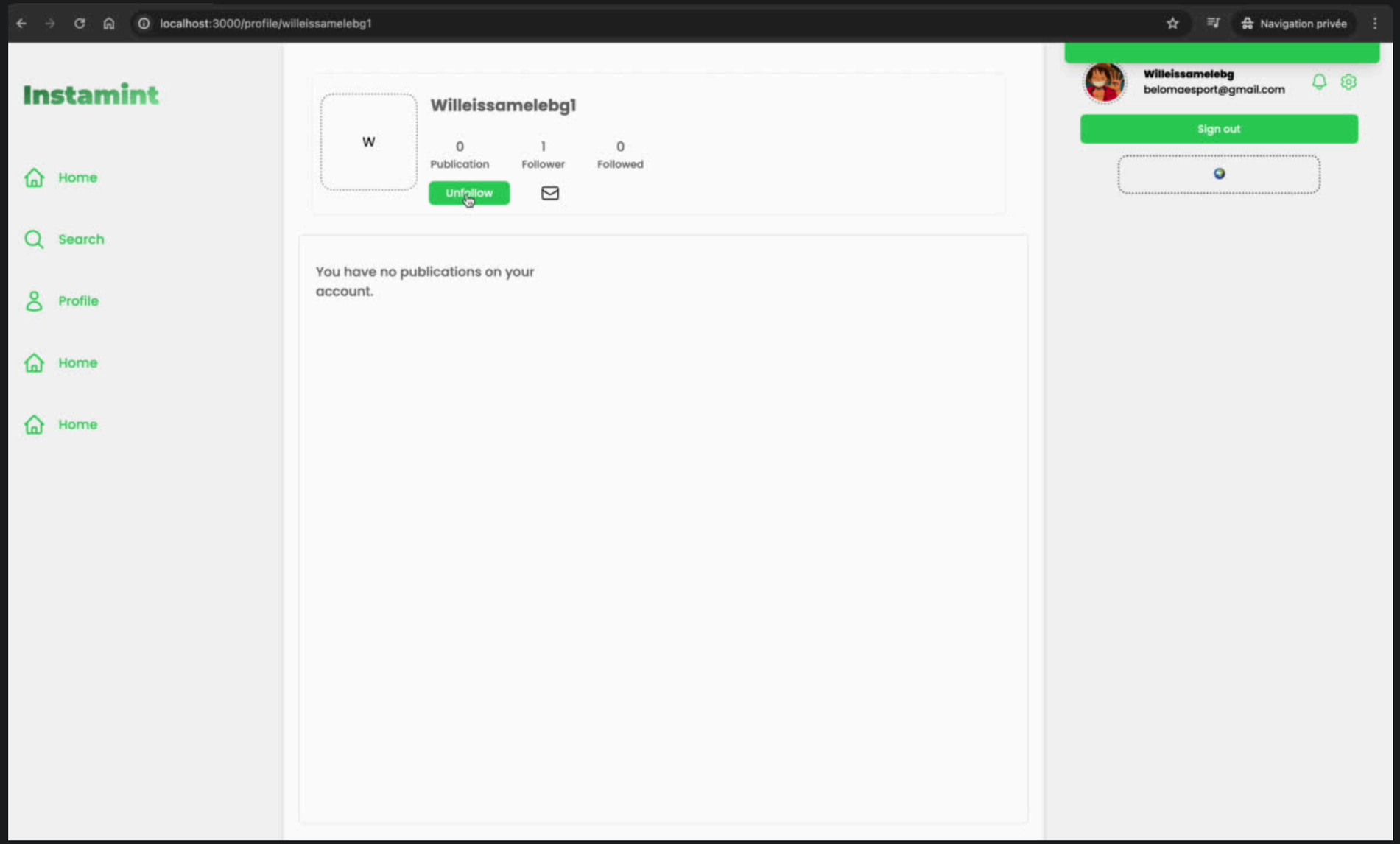
UPDATE PROFIL INFORMATIONS



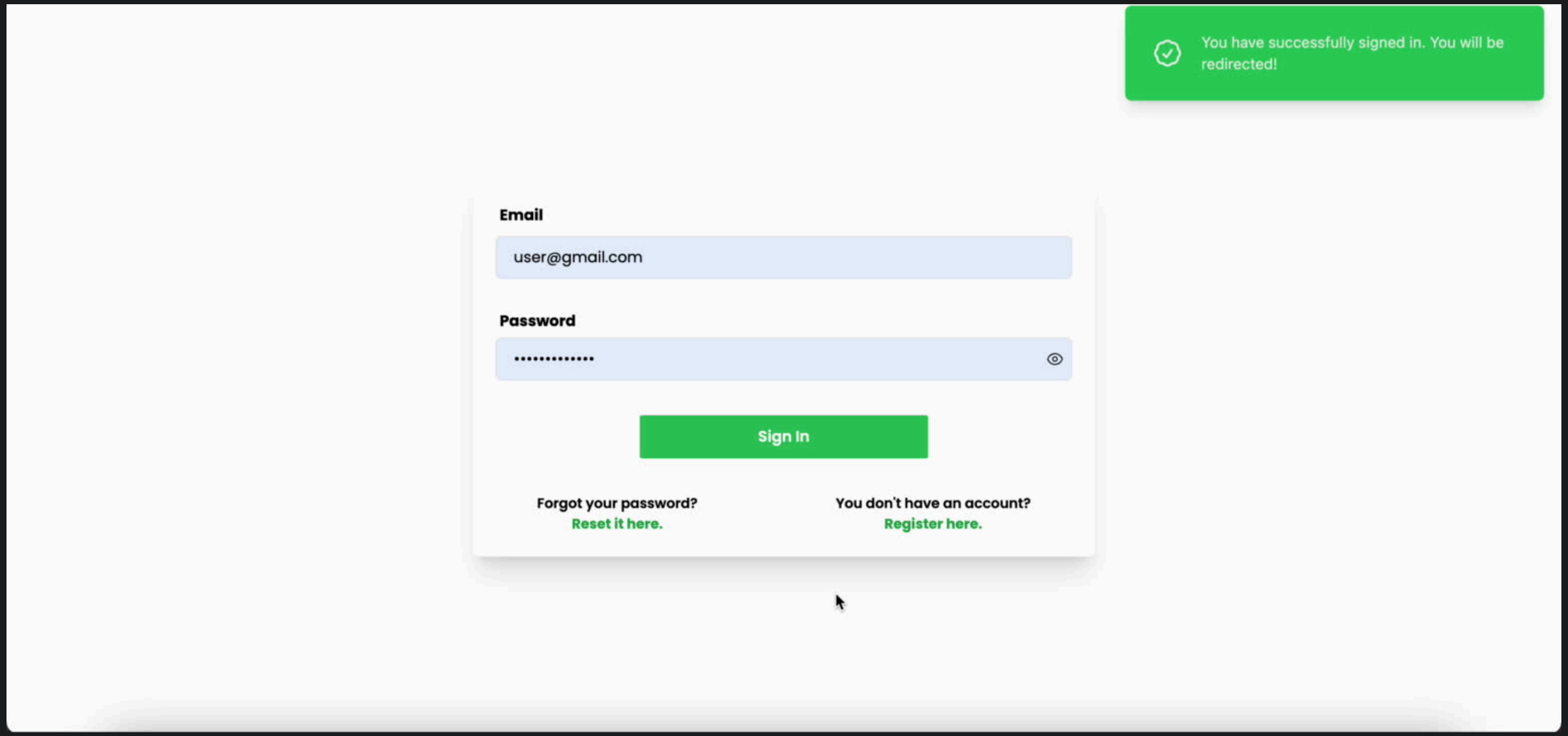
PRIVATE MESSAGE TO ANOTHER USER



ADMIN ACTIONS ON USERS



USERS NOTIFICATIONS



DOUBLE AUTHENTICATION

4. SECURITY & PRIVACY

Safety measures taken during project implementation.

TECHNICAL SECURITY

ORIGIN CONTROL BETWEEN SERVICES

AZURE DDOS SERVICE / REAL-TIME MONITORING / KEY VAULT

ENV VARS

SONARQUBE

TECHNICAL SECURITY

- ORIGIN CONTROL BETWEEN SERVICES
- AZURE DDOS SERVICE / REAL-TIME MONITORING / KEY VAULT
- ENV VARS
- SONARQUBE

USER SECURITY & PRIVACY

- SENSIBLE DATA HASHING
- DOUBLE AUTHENTICATION
- ACCOUNT RECOVERY
- COOKIES & SESSION EXPIRATION

5. DURABILITY

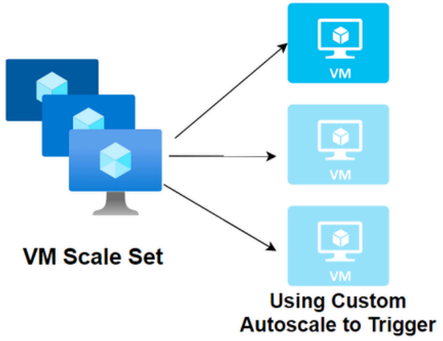
How did we implement and take into account the notion of ***"Green IT"***?

DATA CACHING

DATA CACHING

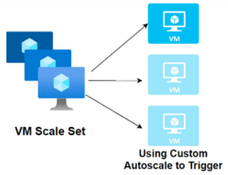
SWR
v2.0

AUTOSCALABLE CLOUD SOLUTION



DATA CACHING

AUTOSCALABLE CLOUD SOLUTION



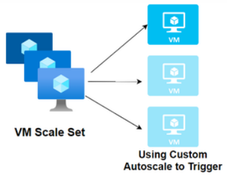
ECO-EFFICIENT CODE

sonarqube

DATA CACHING

SWR
v2.0

AUTOSCALABLE CLOUD SOLUTION

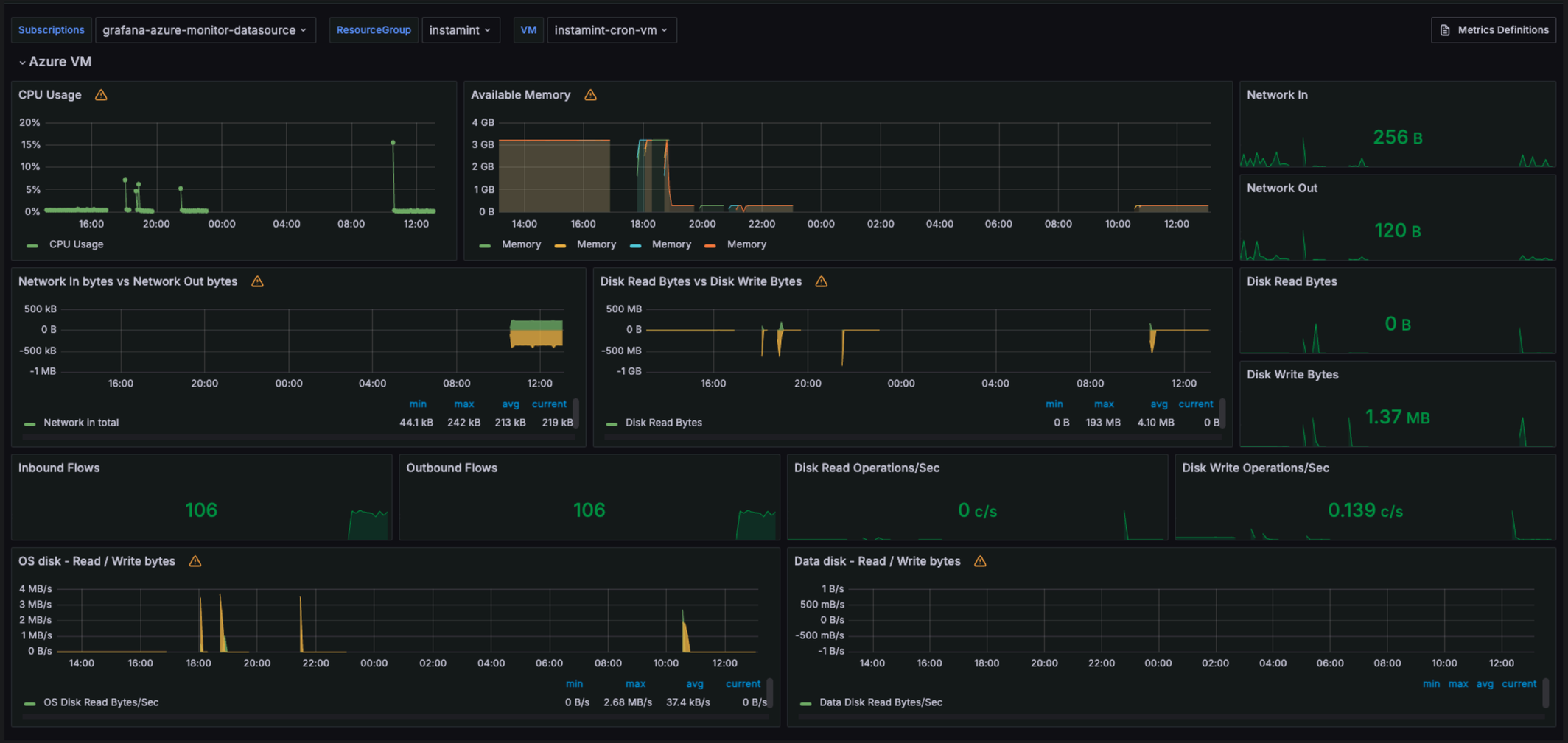


ECO-EFFICIENT CODE

sonarqube

INFRASTRUCTURE MONITORING

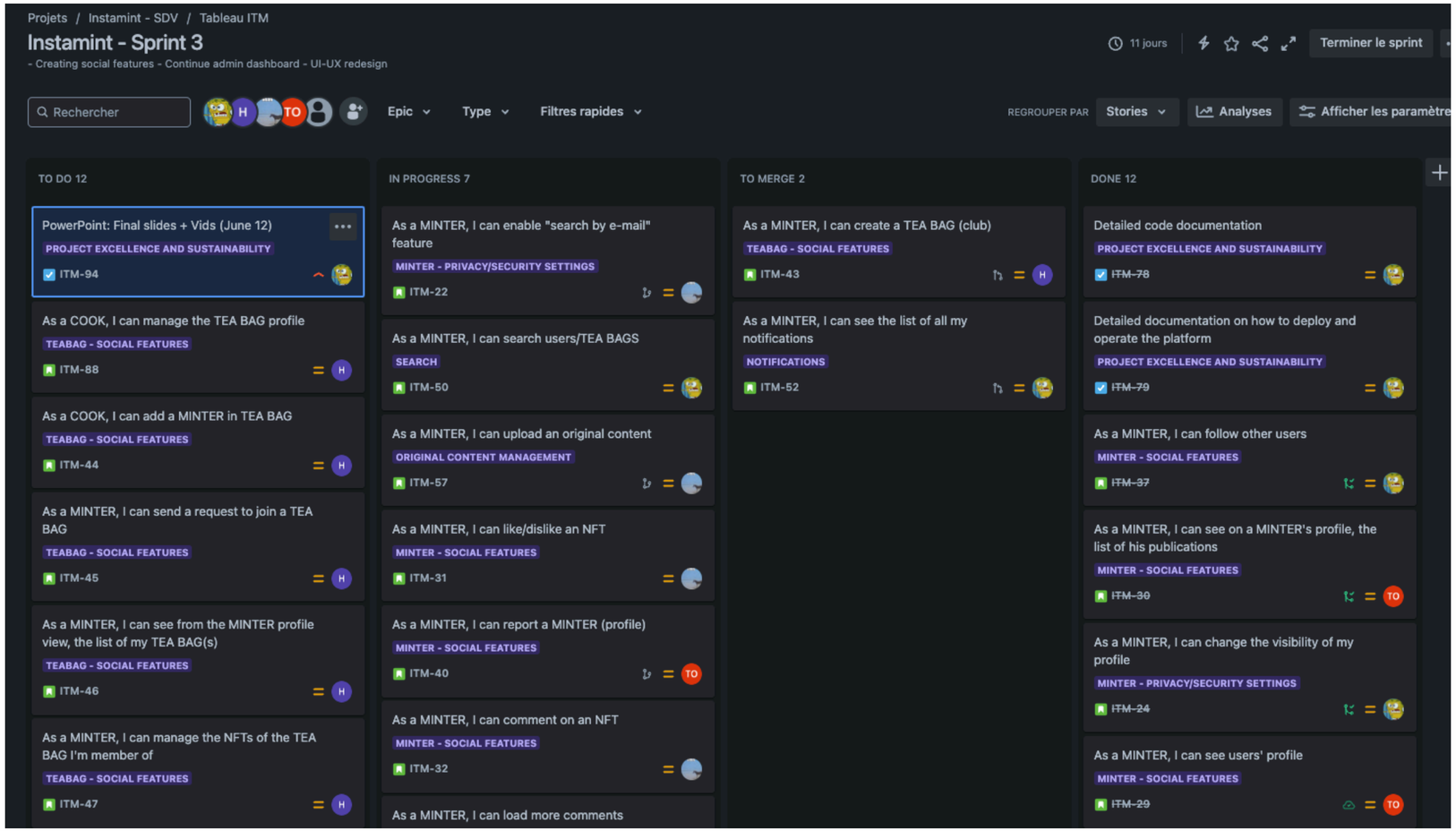
Grafana



REAL-TIME AZURE INFRASTRUCTURE MONITORING IMAGE

6. DELIVERABLES & TIMELINE

Explanation of organization and content of deliverables.



SOFTWARE USED FOR OUR ORGANIZATION

Jira

SOFTWARE USED FOR
OUR ORGANIZATION

Jira

SOFTWARE USED FOR OUR DOCUMENTATION

GitHub

Confluence

7. BUDGET AND PAYMENT TERMS

Explanation of organization and content of deliverables.

DEVELOPER COSTS (10 WEEKS - 35 H/WEEKS)

William Wautrin (Lead Dev & Fullstack) : 102,56 €/hour
Pascal Lim (Dev Fullstack) : 102,56 €/hour
Hugo Vaillant (Dev Fullstack) : 102,56 €/hour
Thomas De Oliveira (Dev Fullstack) : 102,56 €/hour

TOTAL : 143 584 €

INFRASTRUCTURE COSTS (YEAR) ~10K USERS

Services	Cost (€)	Duration (month)	Total Cost (year)
Azure Hosting	€1 527.80	1	€18333.60
Azure PostgreSQL	€1 173,95	1	€14087.40
Azure Storage	€258.52	1	€3102.24
Azure Redis Cache	€1 065.41	1	€12784.92
Azure Support	€926.05	1	€11112.6
Domain Name	€~12	12	€~12
TOTAL			€59432.76

TOTAL : 59432.76 €

SOFTWARE & TOOLS

JIRA : FREE (under 5 peoples)

4 JetBrains licenses : 763,20 €

TOTAL : 763,20 €

8. CONCLUSION

THANK YOU!