Ejemplos de proyectos PTI

FIBerbaY

NEVERA INTEL·LIGENT

On the Ground

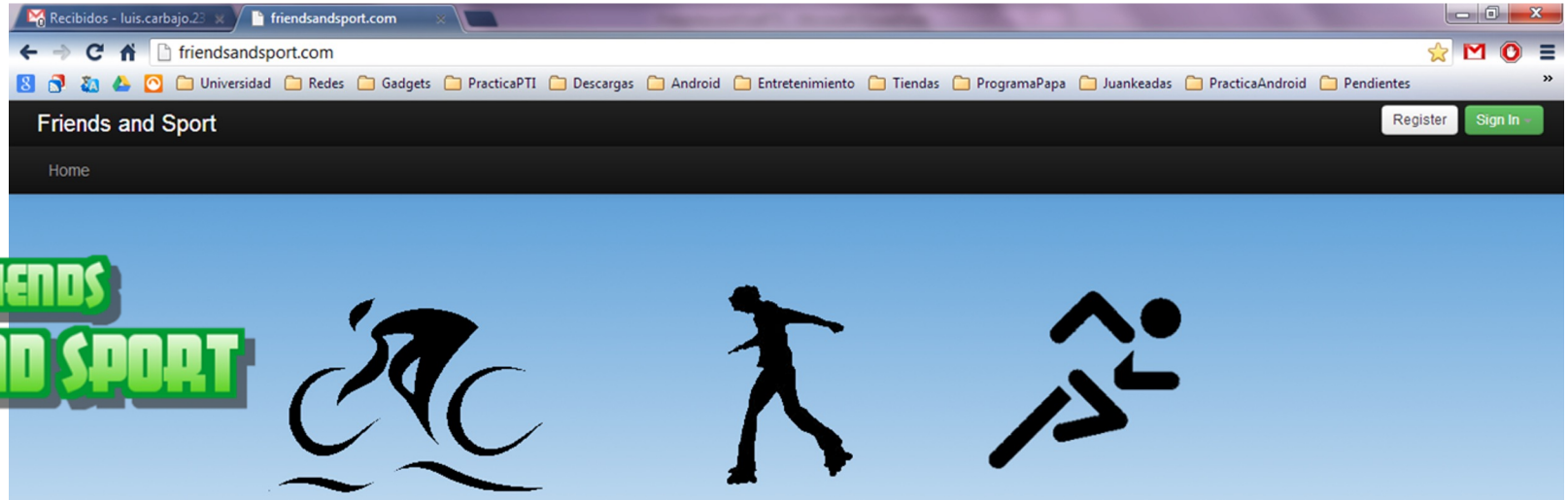
System's Presentation

BlueNet

AGENT-BASED SIMULATIONS

The Repast Suite is a family of advanced, free, and open source agent-based modeling and simulation platforms

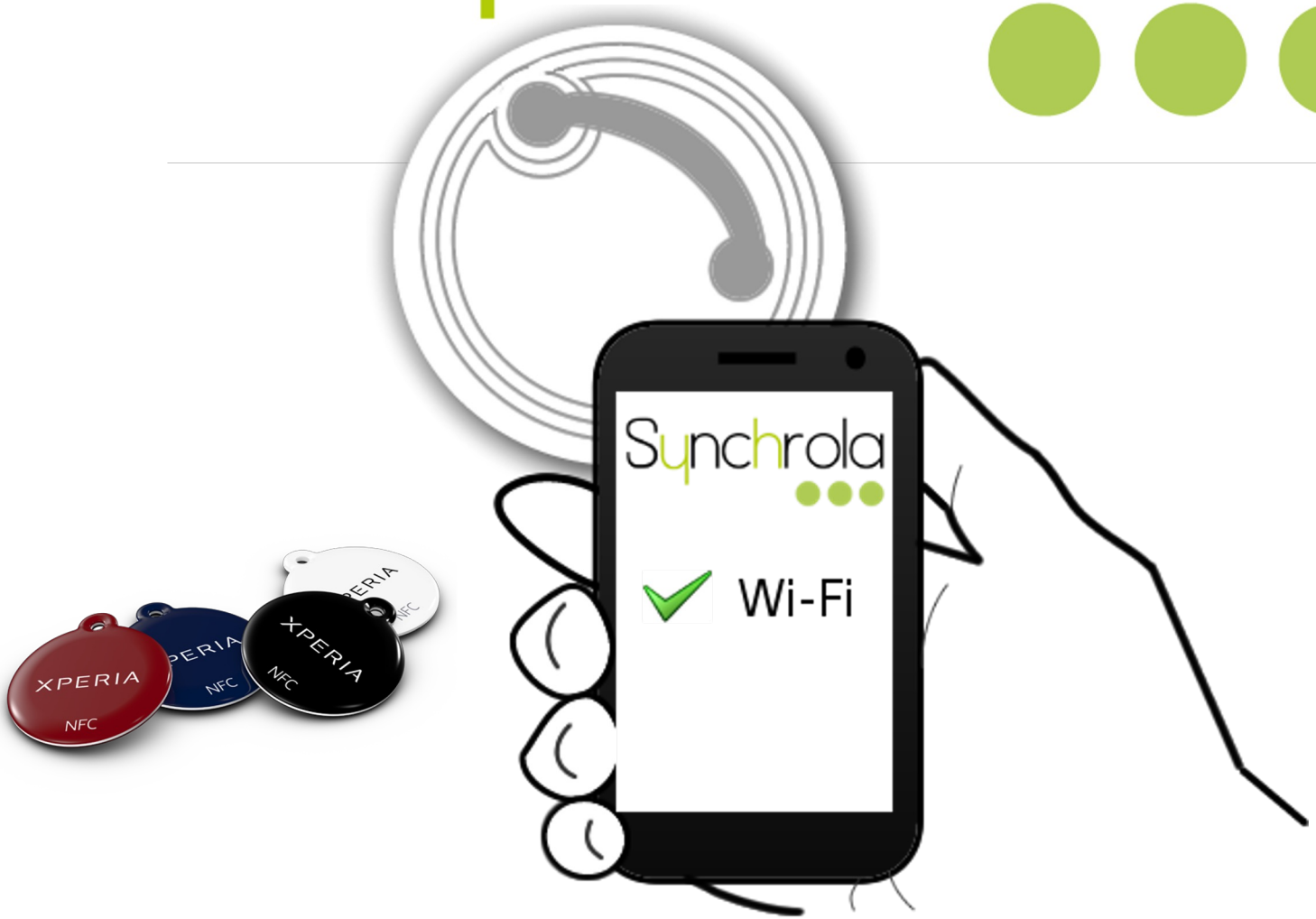
FiberContactos.com



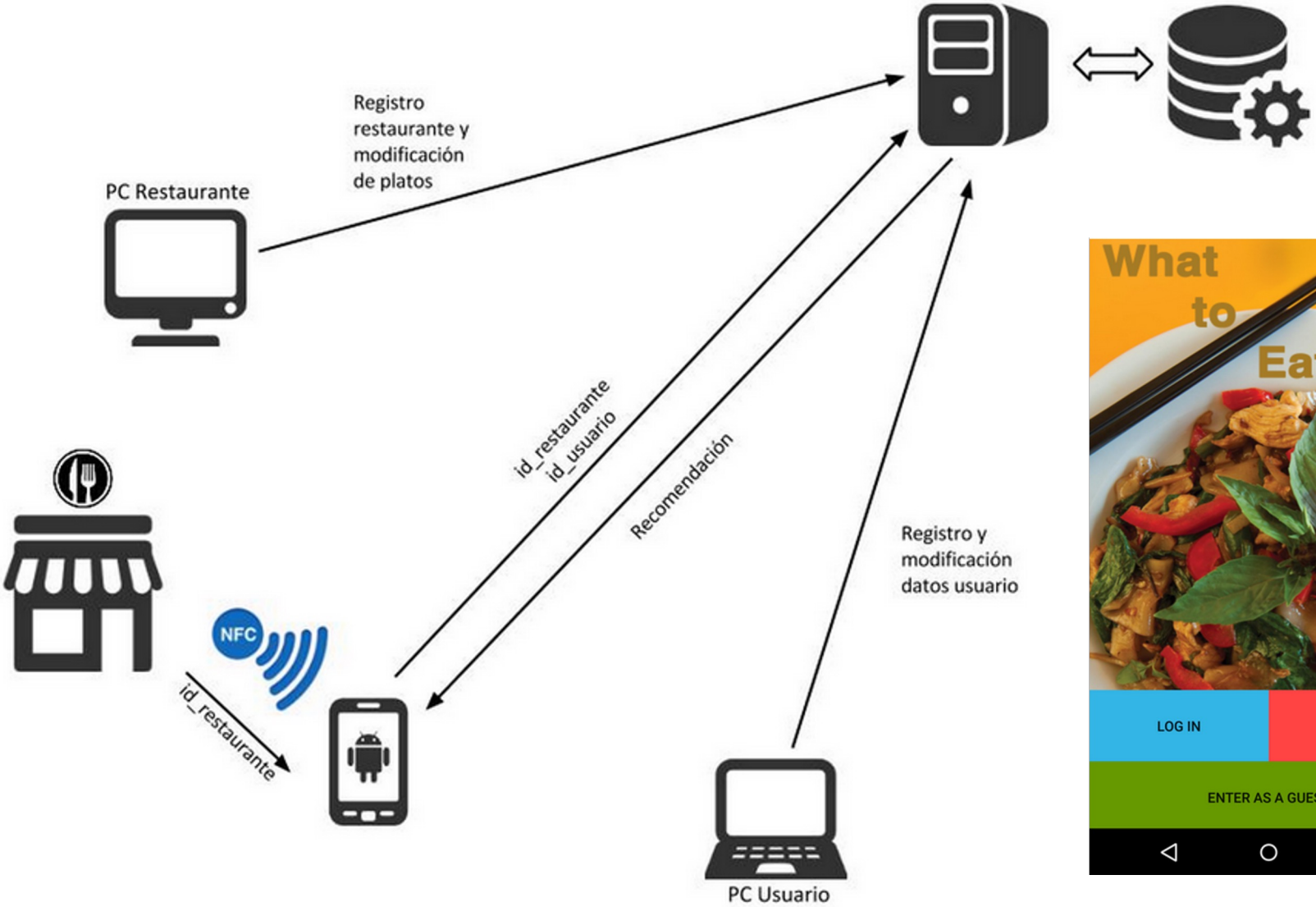
Cliente Android

- Comunicación con el GPS
- API synchro server-terminal móvil
- **Preferencias**

Synchrola



WhatToEat

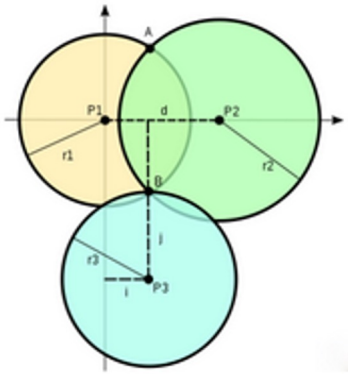

Registro
restaurante y
modificación
de platos
PC Restaurante
id_restaurante
id_usuario
Recomendación
Registro y
modificación
datos usuario
NFC
id_restaurante
PC Usuario

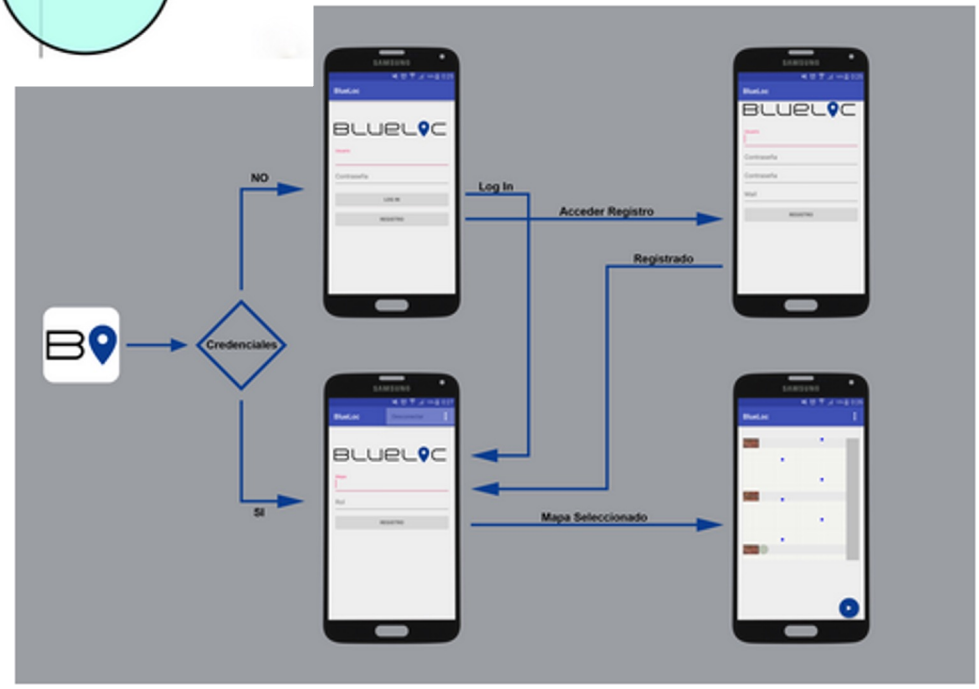
What
to
Eat
LOG IN
SIGN UP
ENTER AS A GUEST

SECPI

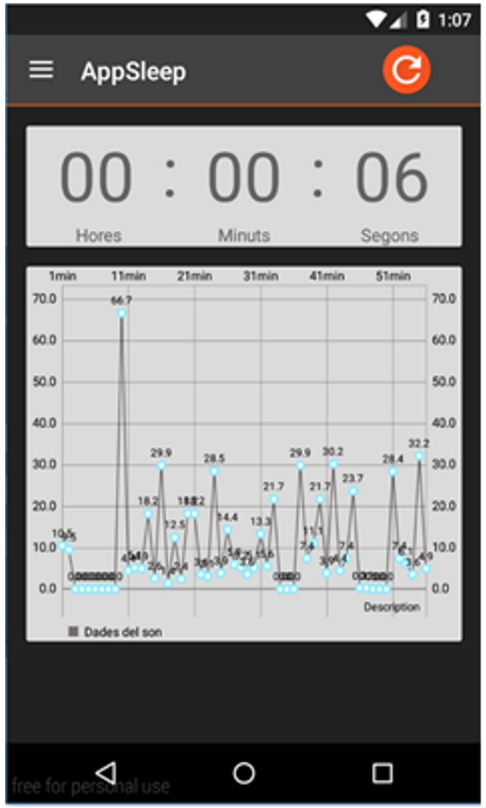
BLUELOC

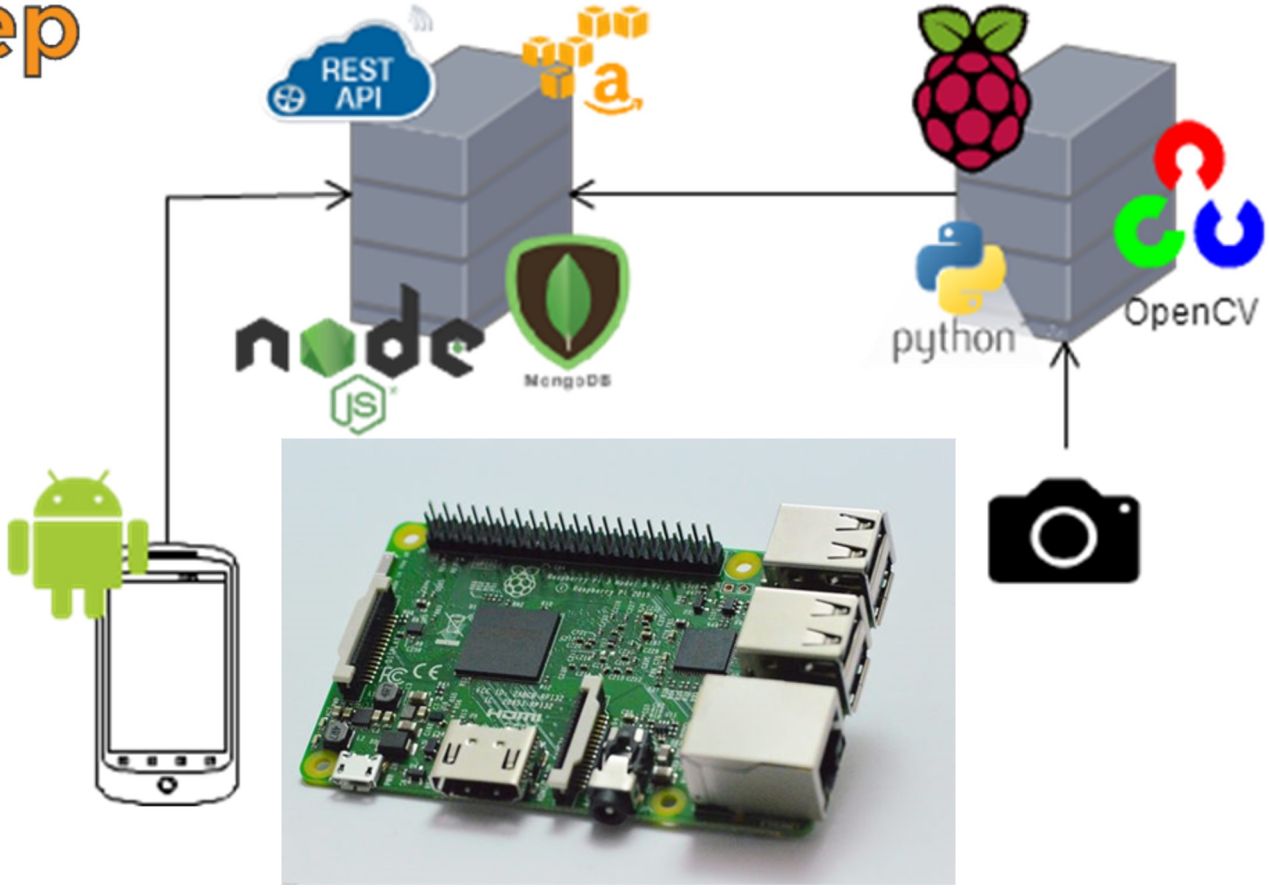
CIOFCAD
JAVA
HTML5
RIA
PHP
.Net


A
P1
d
P2
r1
r2
B
r3
P3


NO
Log In
Acceder Registro
Registrado
Credenciales
SI
Mapa Seleccionado

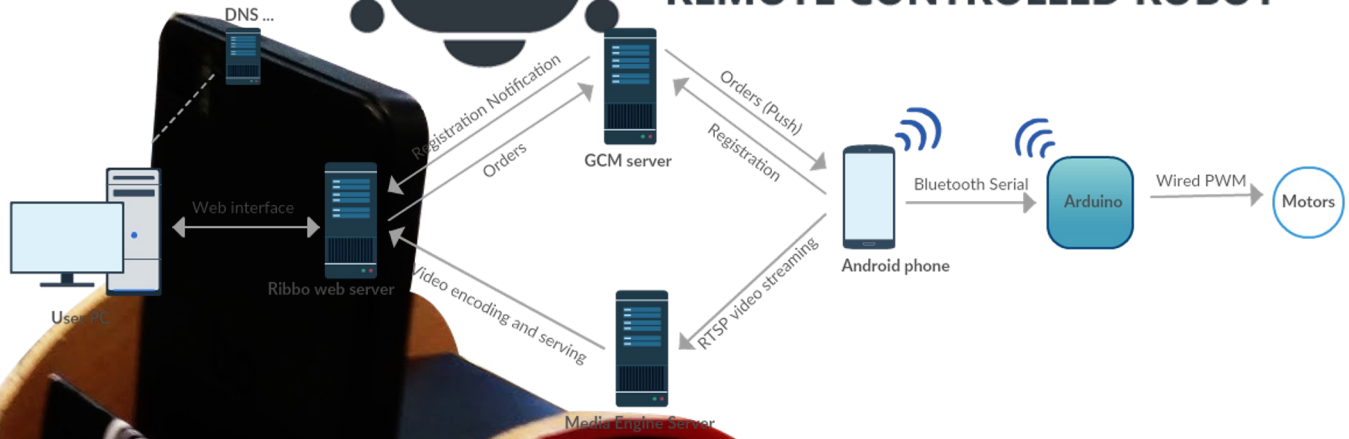
AppSleep

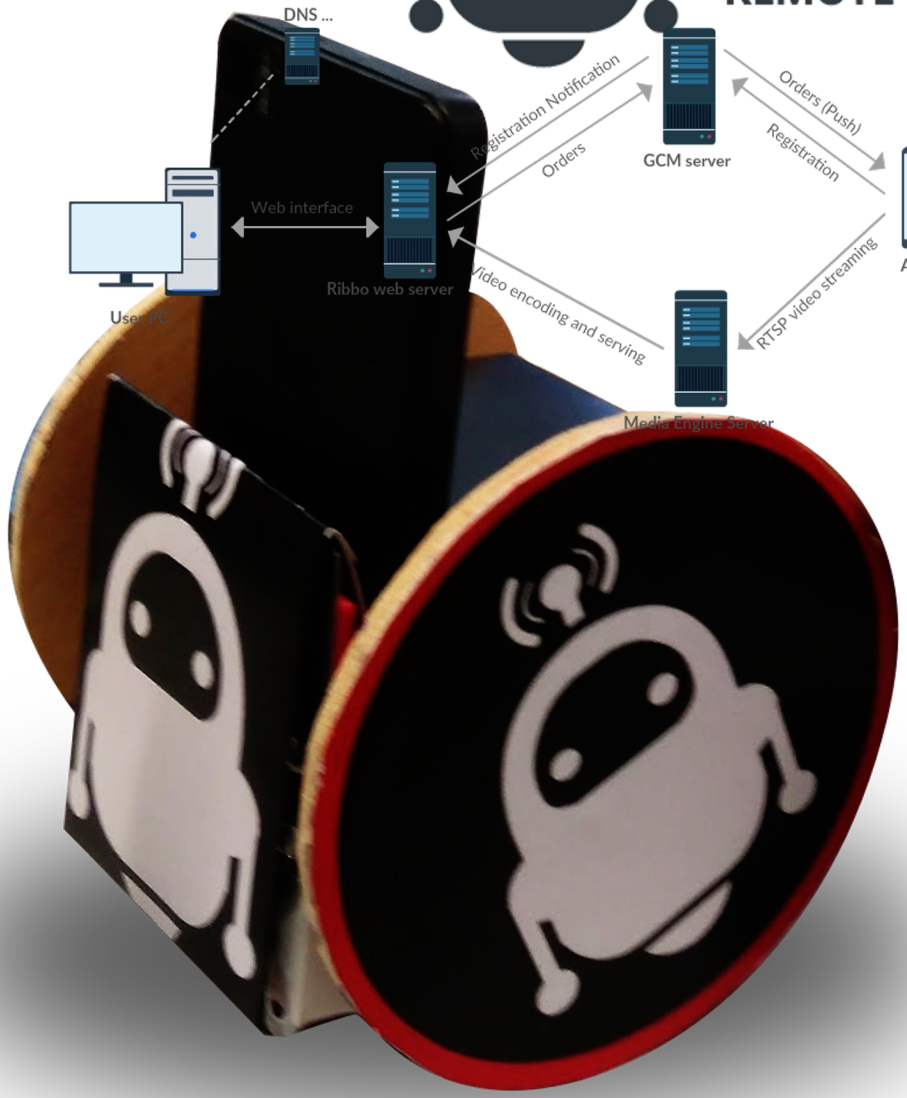

1:07
AppSleep
00 : 00 : 06
Hores
Minuts
Segons
1min
11min
21min
31min
41min
51min
Dades del son
Description
free for personal use

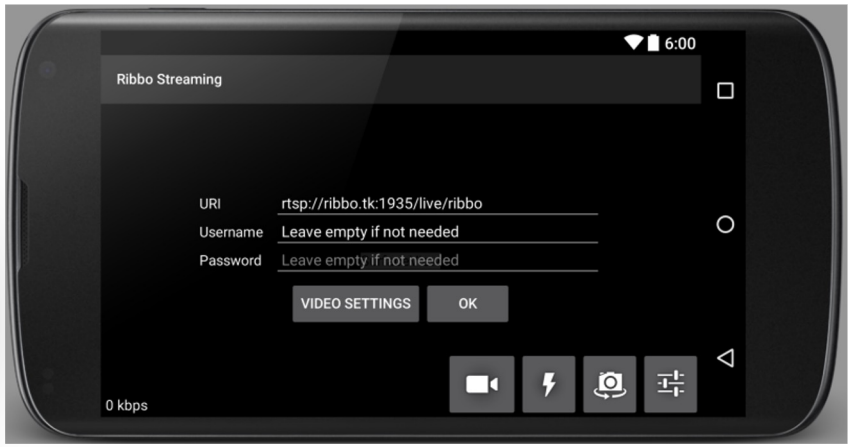

REST API
node
JS
MongoDB
python
OpenCV

RIBBO

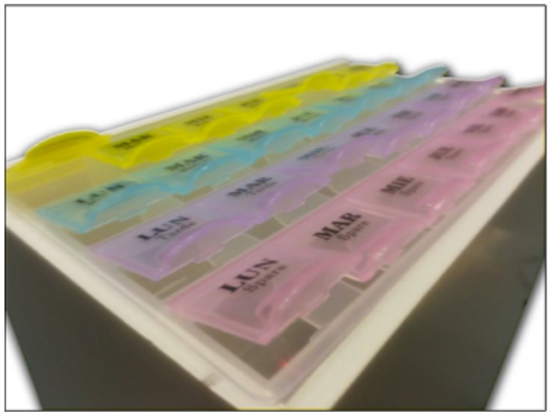
REMOTE CONTROLLED ROBOT

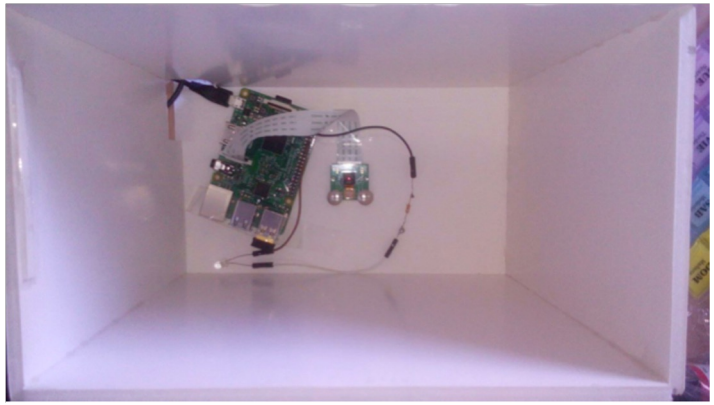


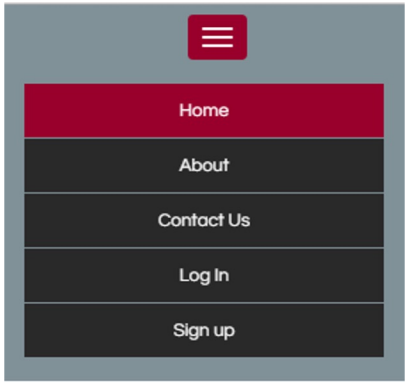


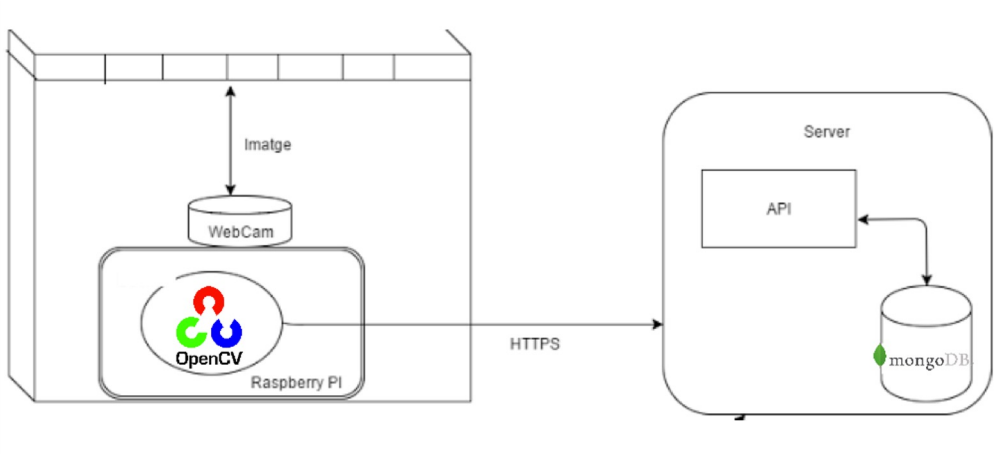


Medi Toring







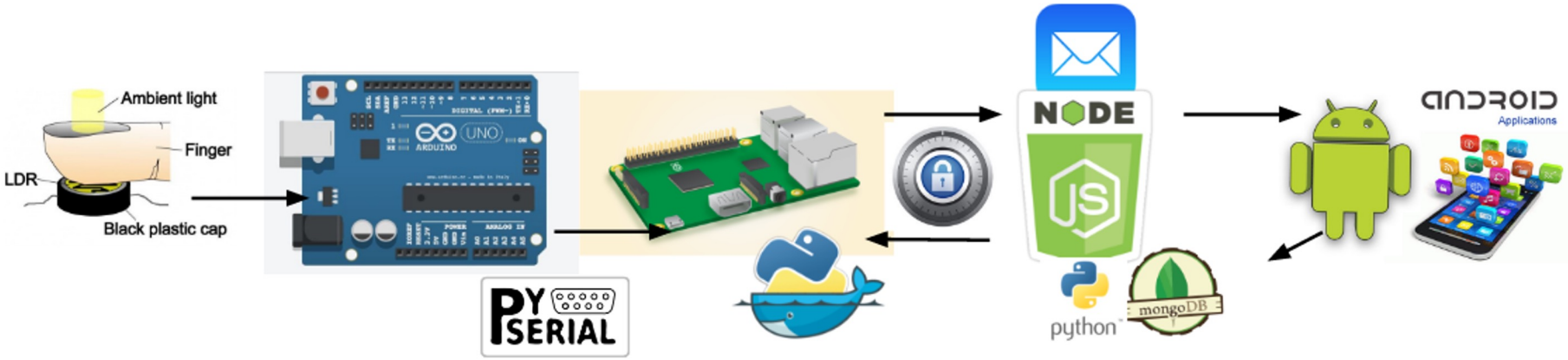


An Inovative System For Medicine Intake Monitoring

Making the world a better place

Medi Toring

Biometric Kit



Heartbeat sensor → Arduino → Raspberry Pi 3 ↔ Main Server ↔ Android 5.0 App

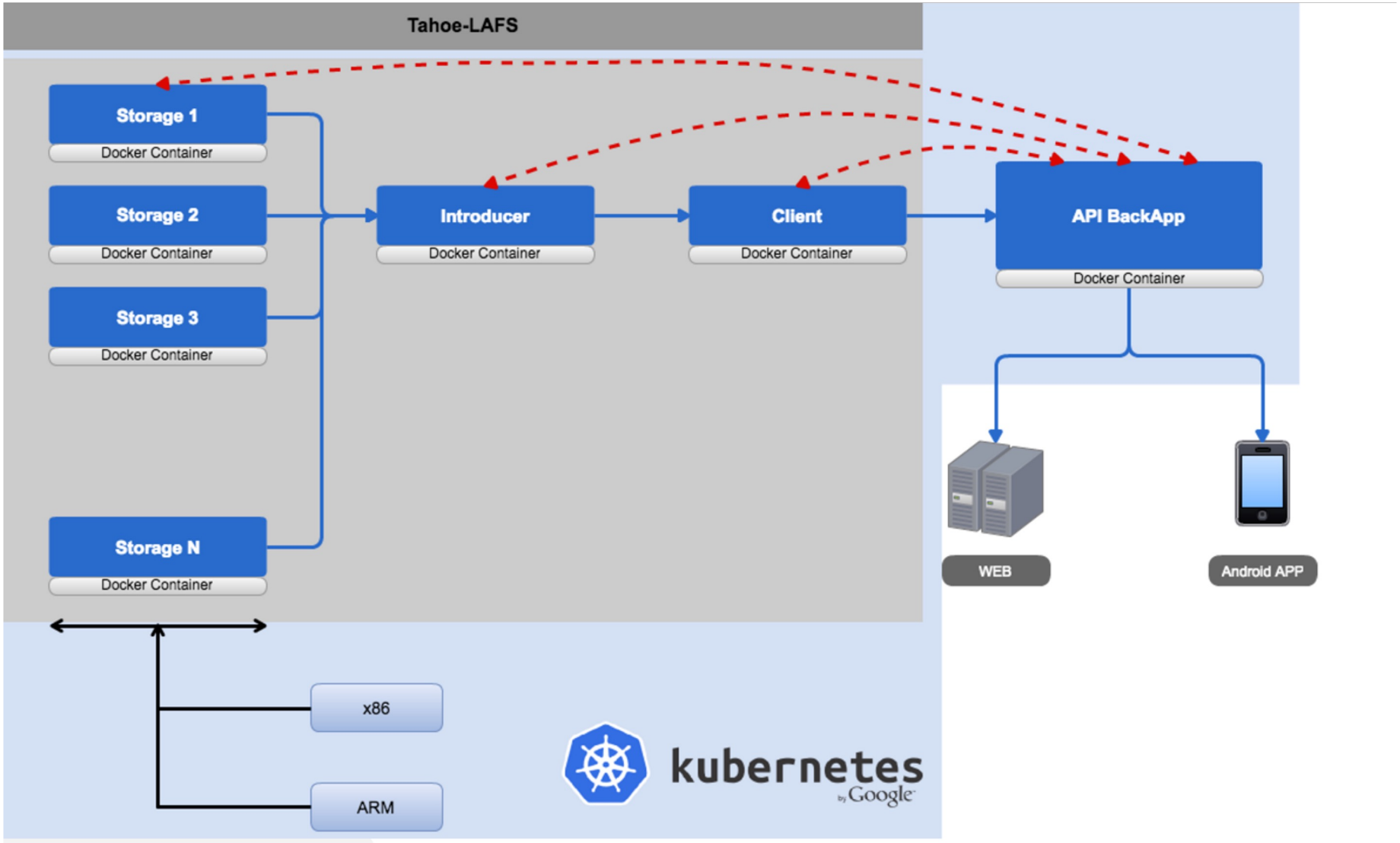
Copper wire

USB 2.0 type-A

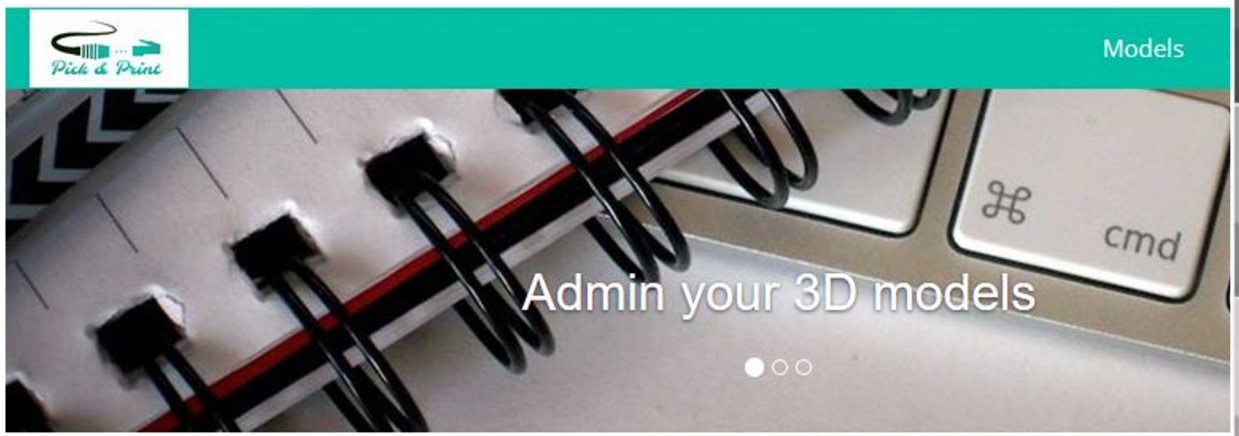
RESTful Web Service
Encrypted with RSA

HTTP REST
Token Authentication

Backup descentralitzat

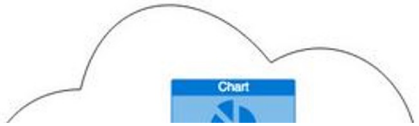


Pick & Print

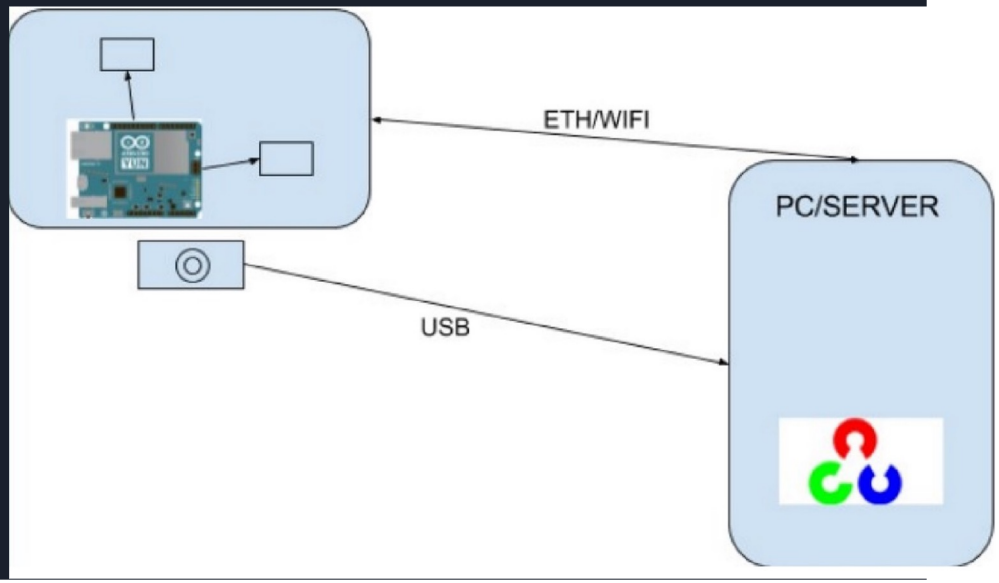


What we do

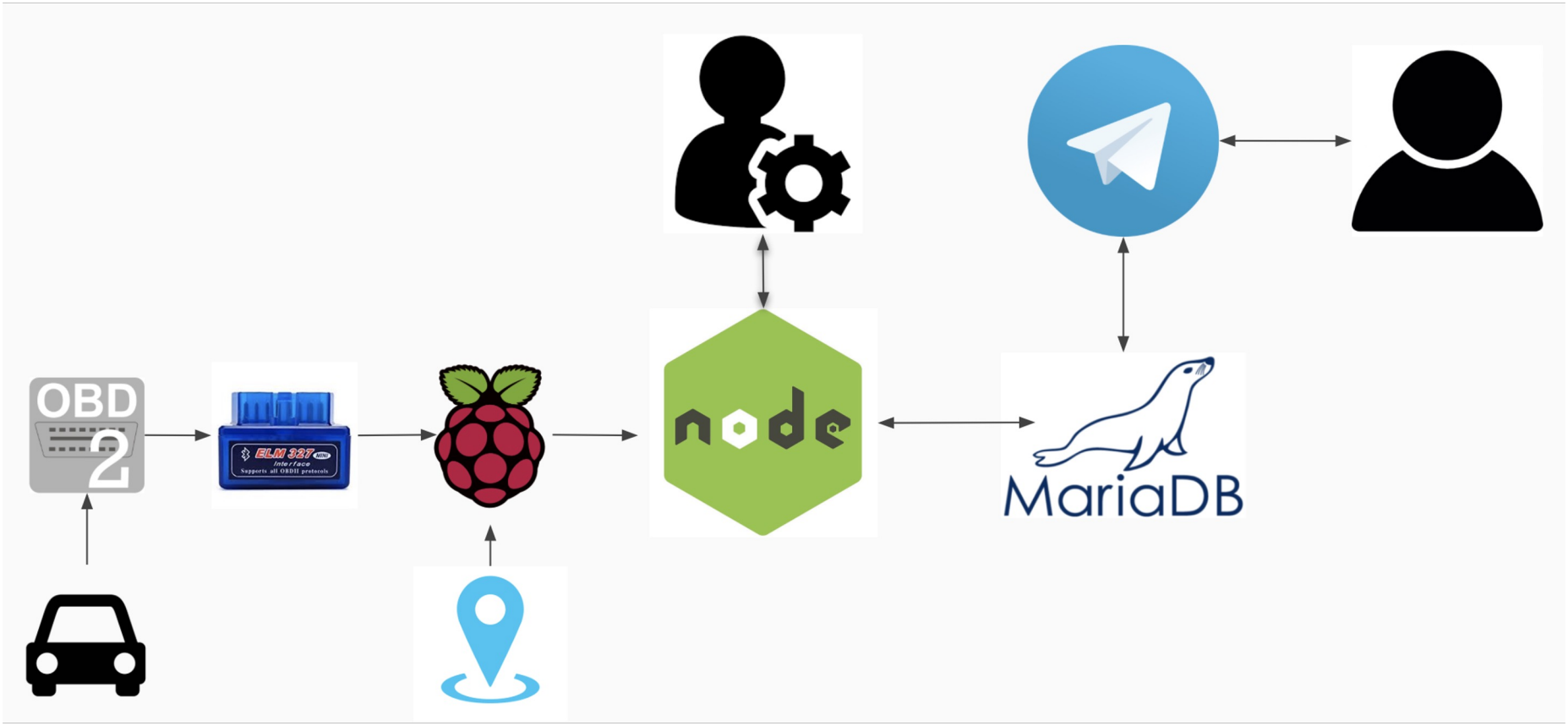
We offer a service to all 3D designers to bring their creations to the world. Hang your different designs on our
with total versatility, and set a price for sale. The users of our mobile application will be able to see your des
possibility of buying them. When someone buys a design, it will be printed in our 3D printing department ar
buyer. The designer's profits will go according to their sales.



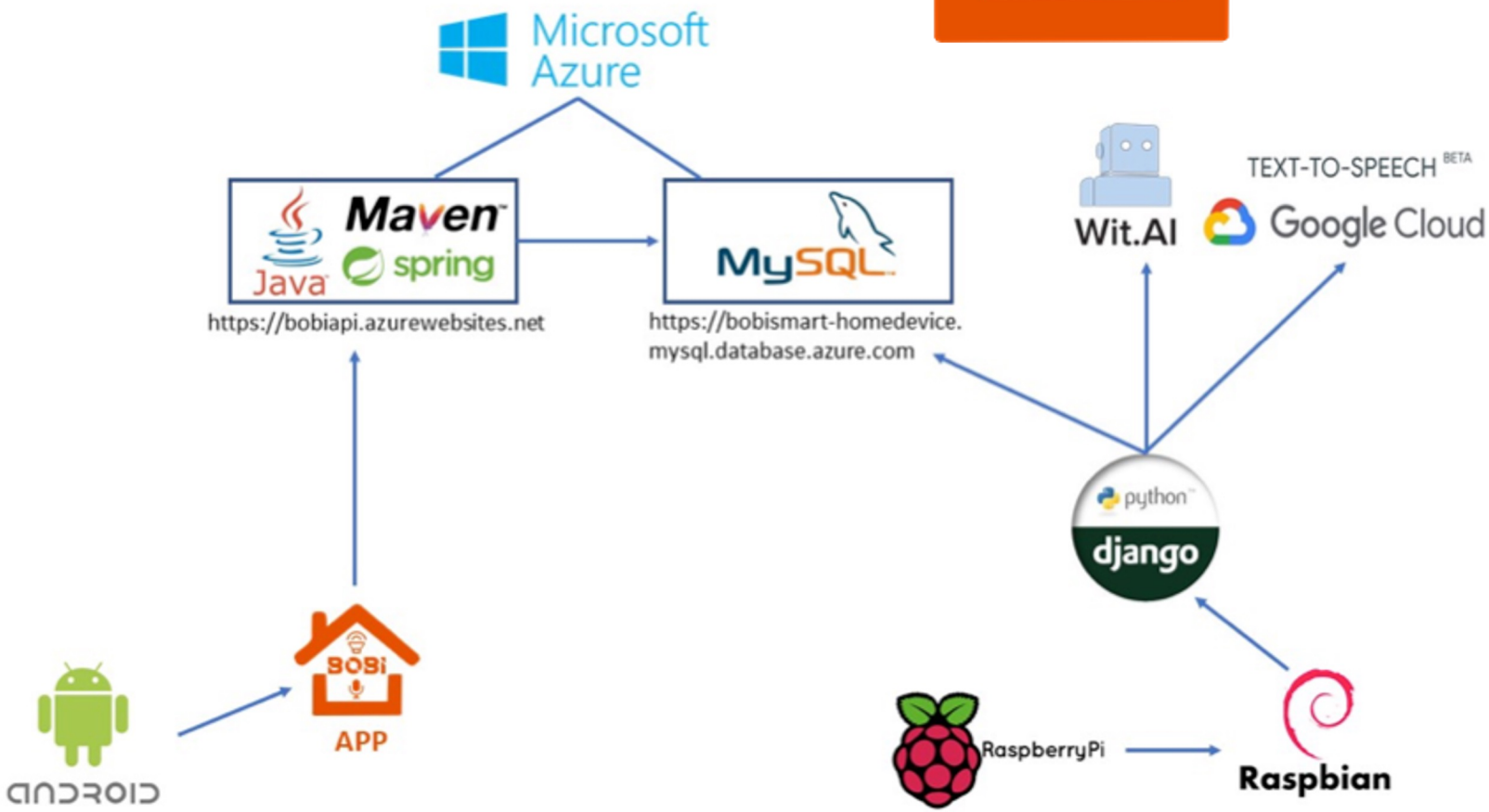
Shoot ‘em all



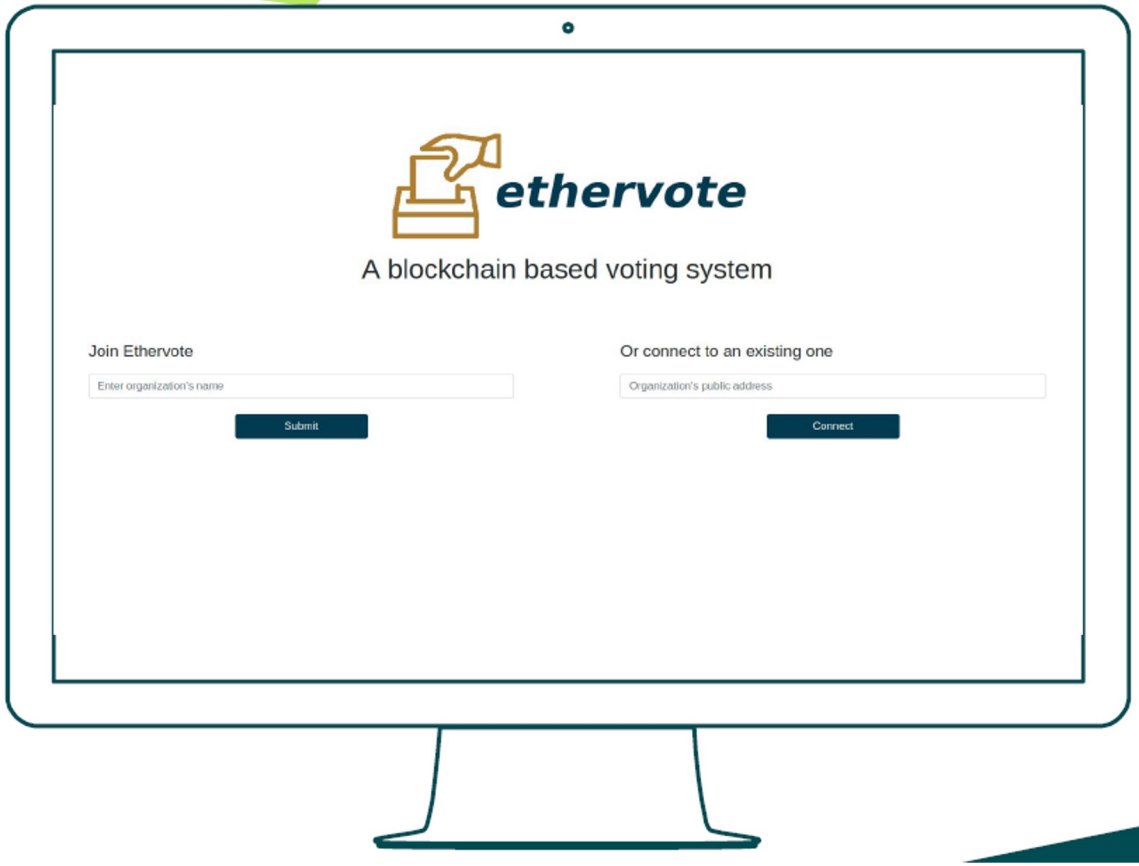
CarLocator


OBD
2
ELM 327
Interface
Supports all OBDII protocols
node
MariaDB

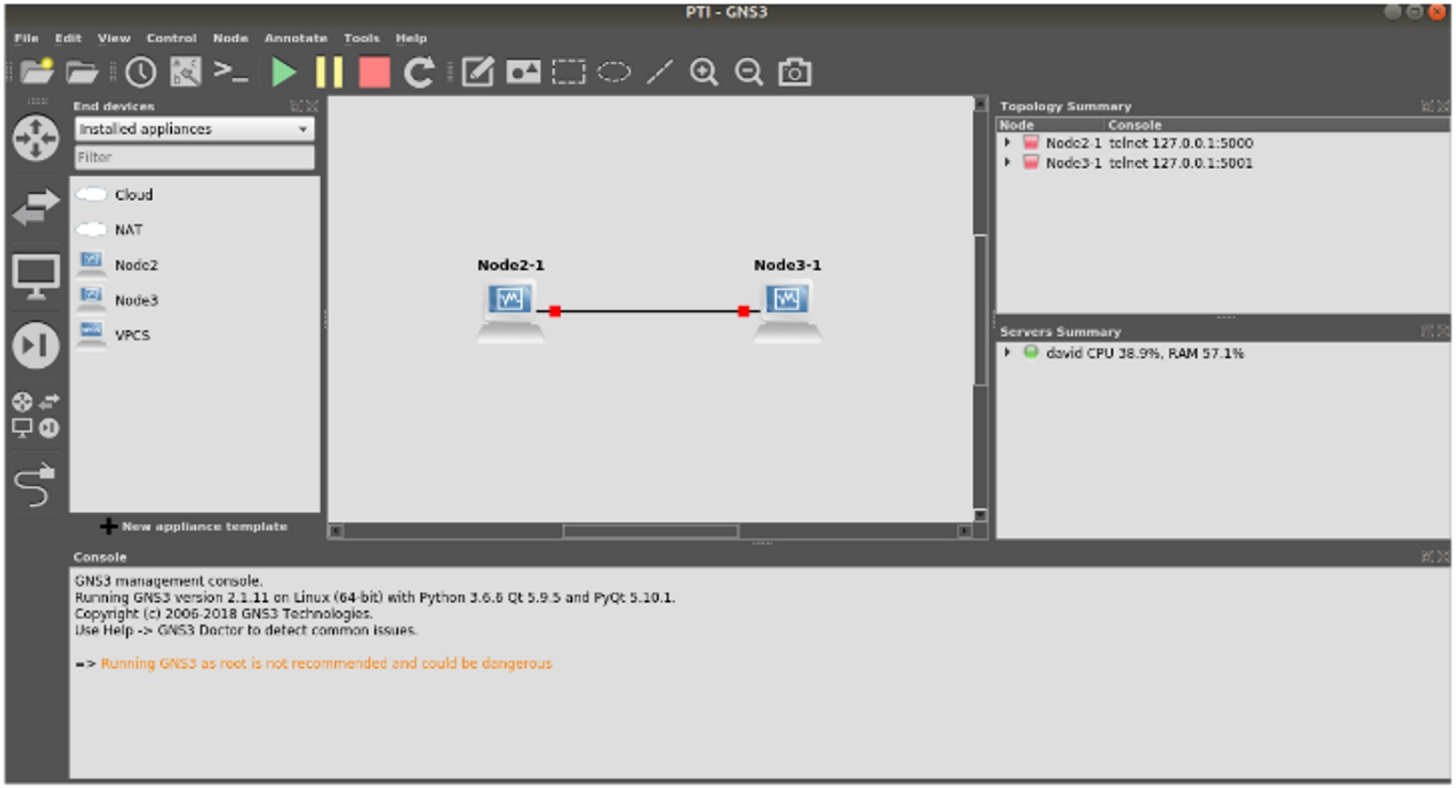
BOBI


Microsoft Azure
Maven
Java
spring
https://bobiapi.azurewebsites.net
MySQL
https://bobismart-homedevice.mysql.database.azure.com
Wit.AI
TEXT-TO-SPEECH BETA
Google Cloud
python
django
BOBI
APP
ANDROID
RaspberryPi
Raspbian

Ethervote


ethervote
A blockchain based voting system
Join Ethervote
Enter organization's name
Submit
Or connect to an existing one
Organization's public address
Connect

bmx7


PTI - GNS3
File Edit View Control Node Annotate Tools Help
End devices
Installed appliances
Filter
Cloud
NAT
Node2
Node3
VPCS
New appliance template
Node2-1
Node3-1
Topology Summary
Node Console
Node2-1 telnet 127.0.0.1:5000
Node3-1 telnet 127.0.0.1:5001
Servers Summary
david CPU 38.9%, RAM 57.1%
Console
GNS3 management console.
Running GNS3 version 2.1.11 on Linux (64-bit) with Python 3.6.6 Qt 5.9.5 and PyQt 5.10.1.
Copyright (c) 2006-2018 GNS3 Technologies.
Use Help -> GNS3 Doctor to detect common issues.
=> Running GNS3 as root is not recommended and could be dangerous

test-bank@0.0.1.bna

microcredit-app

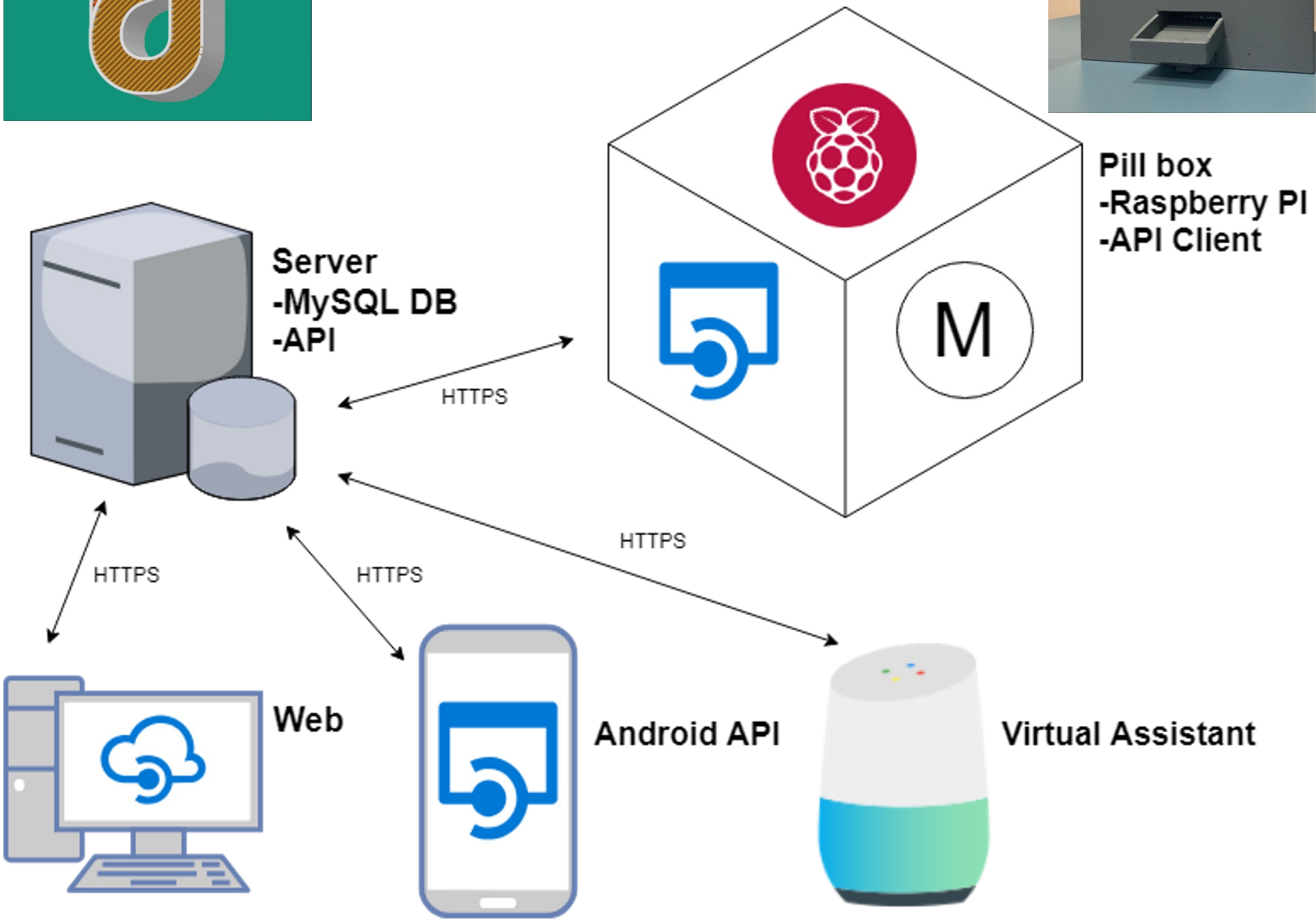
Assets | Participants | Transactions

Account

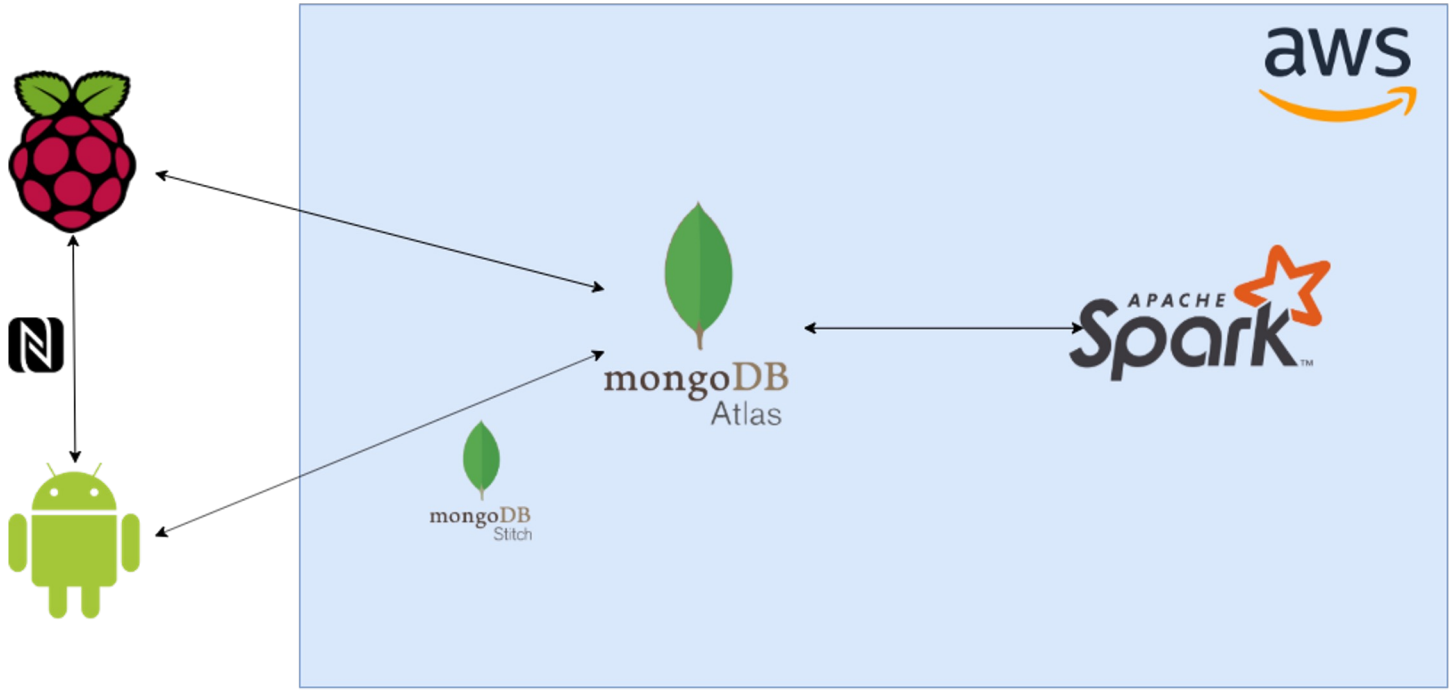
+ | Create Asset

accountId	owner	balance	Actions
asset1	resource:test.Customer#Adria	100	
asset2	resource:test.Customer#Pau	150	
asset3	resource:test.Customer#Aleix	110	

Pilldora


Pill box
-Raspberry PI
-API Client
M
Server
-MySQL DB
-API
HTTPS
HTTPS
HTTPS
HTTPS
Web
Android API
Virtual Assistant

Transports Barcelona

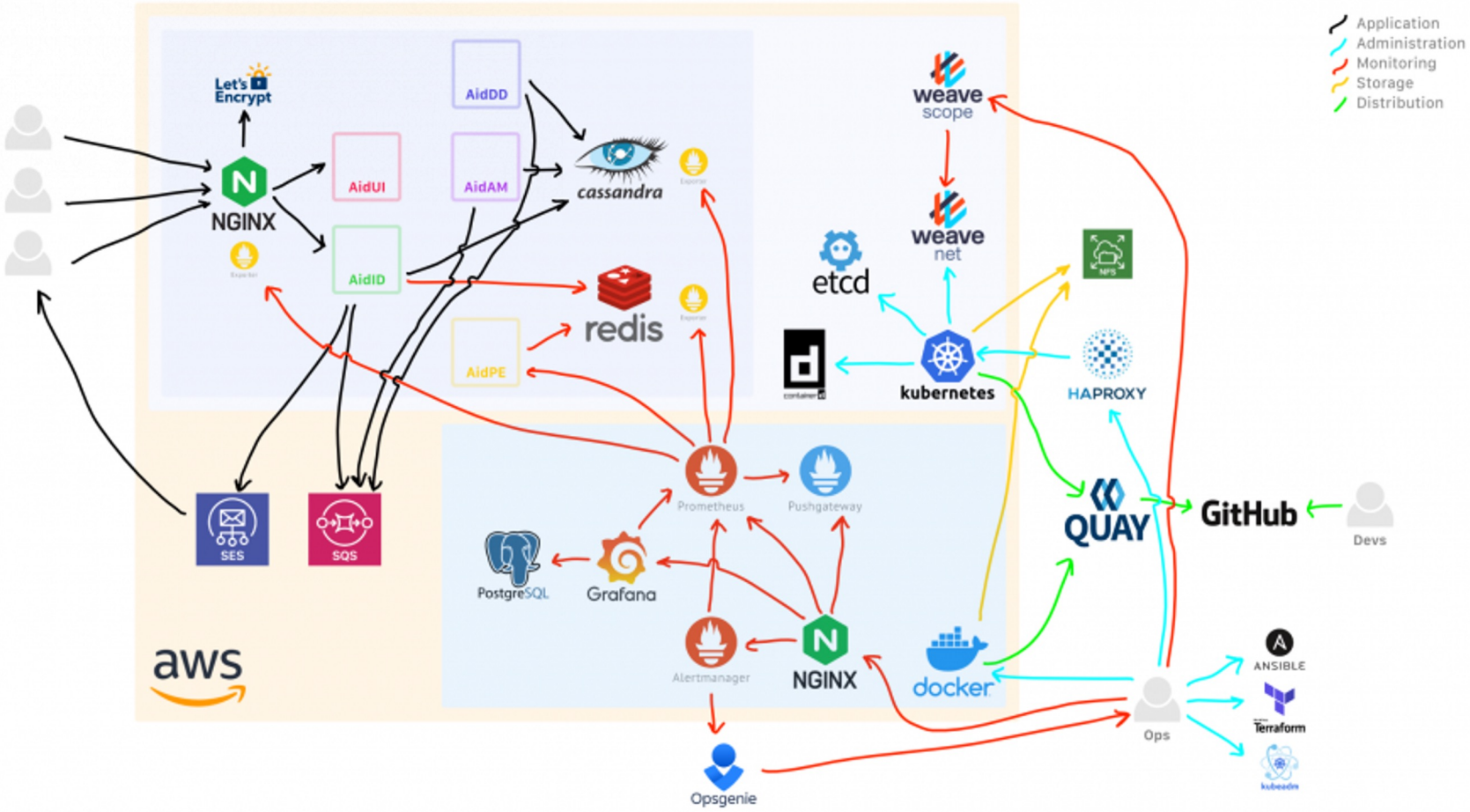


DropIt

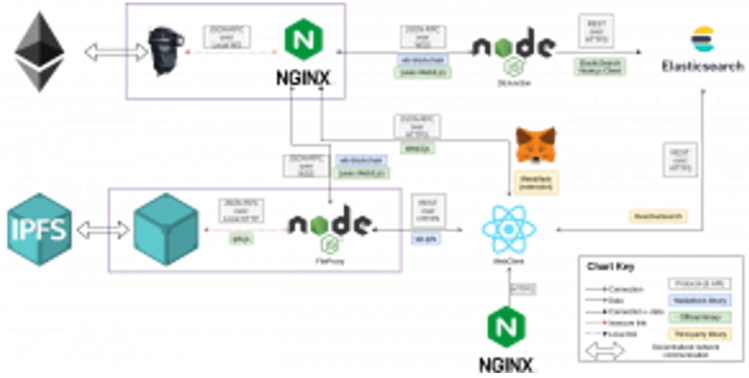
Spotify for Developers

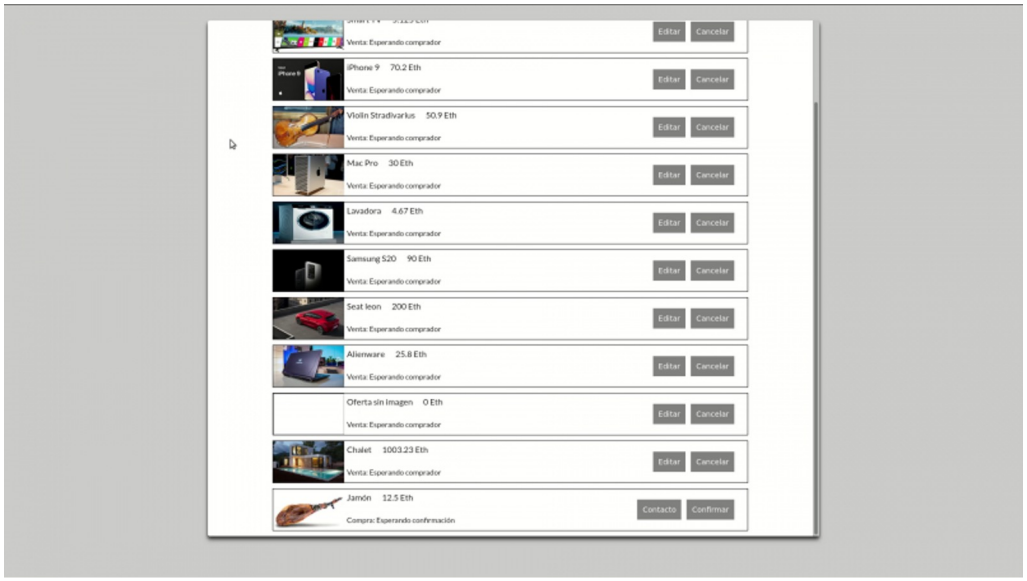
AidID

identificación biométrica mediante huella dactilar.



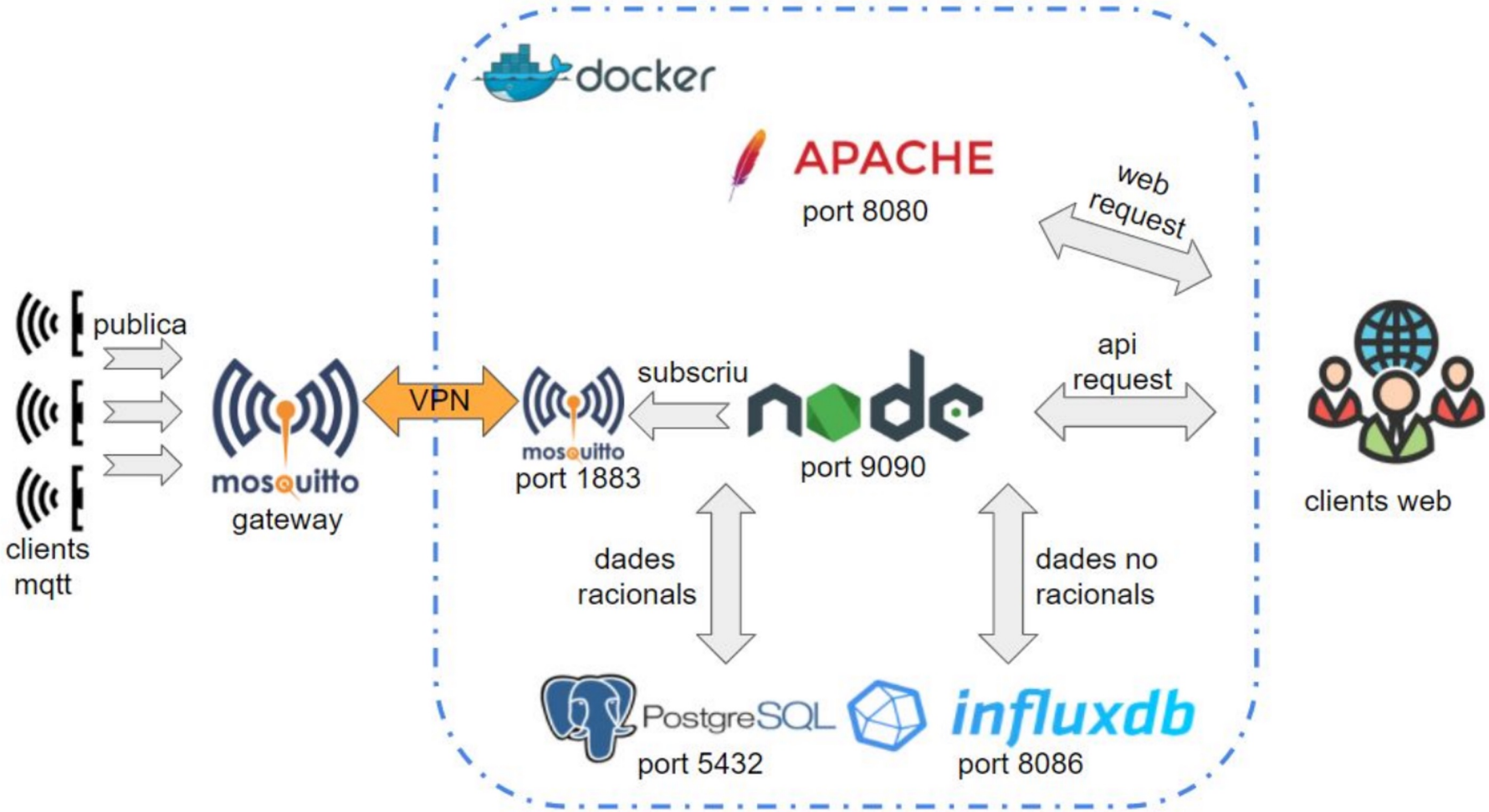
WallaBlock


NGINX
node
Elasticsearch
IPFS
node
NGINX
Chart Key


Venta: Esperando comprador
Editar
Cancelar
iPhone 9 70.2 Eth
Violin Stradivarius 50.9 Eth
Mac Pro 30 Eth
Lavadora 4.67 Eth
Samsung S20 90 Eth
Seat leon 200 Eth
Alienware 25.8 Eth
Oferta sin imagen 0 Eth
Chalet 1003.23 Eth
Jamón 12.5 Eth
Compra: Esperando confirmación
Contacto
Confirmar

eBin

Recollida intel·ligent de residus



DEALL

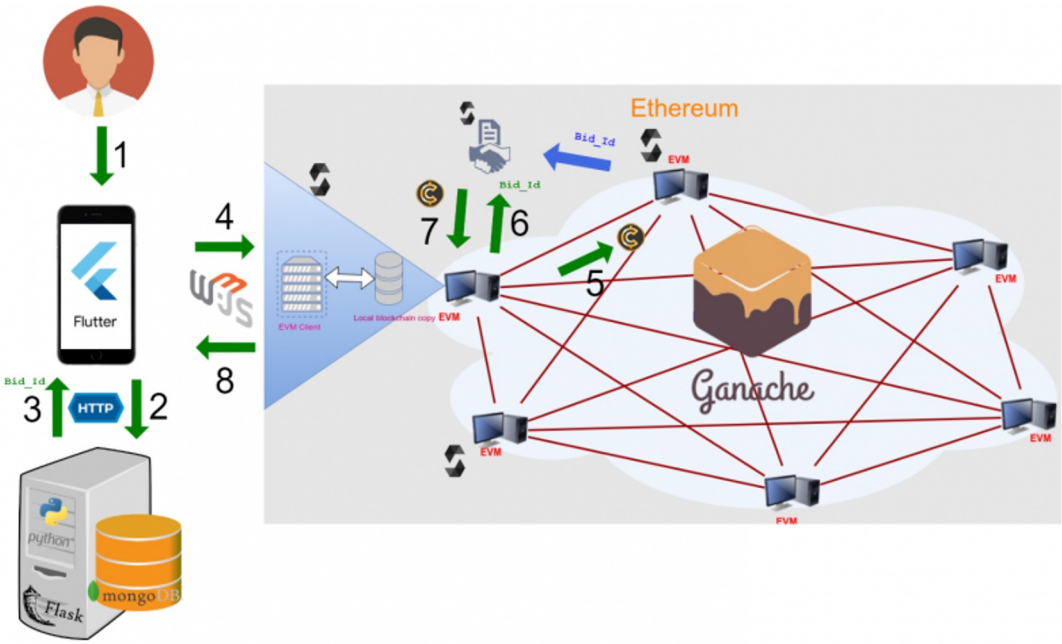
DEALL
FIB VM
mongoDB
Backend.py
APIS externas
Distance Matrix API
Google
Geolocation API
Google
HTTPS
HTTPS
POST
Respuesta
(anuncios,
localizacion,
rutas, etc)
¡Más anuncios!
HTTPS
POST
Flutter
CLIENTES
ANGULARJS
LIMITED OFFER
OFFER!!
EMPRESAS

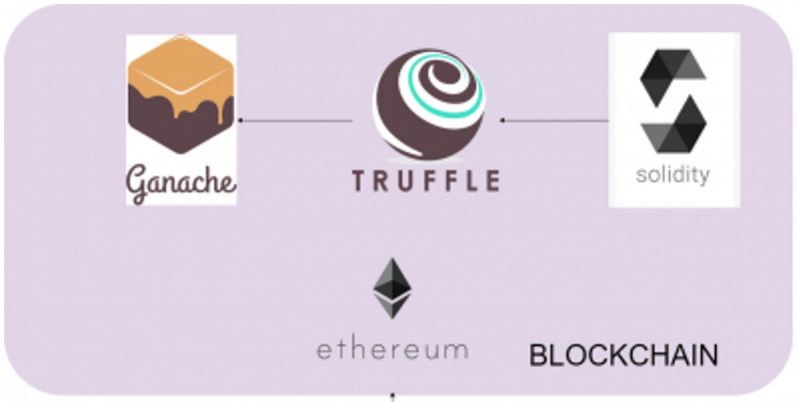
Masterchef: desplegament d'infraestructures i software

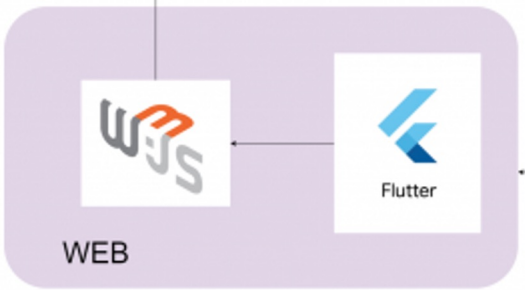
IToken:

plataforma de trading

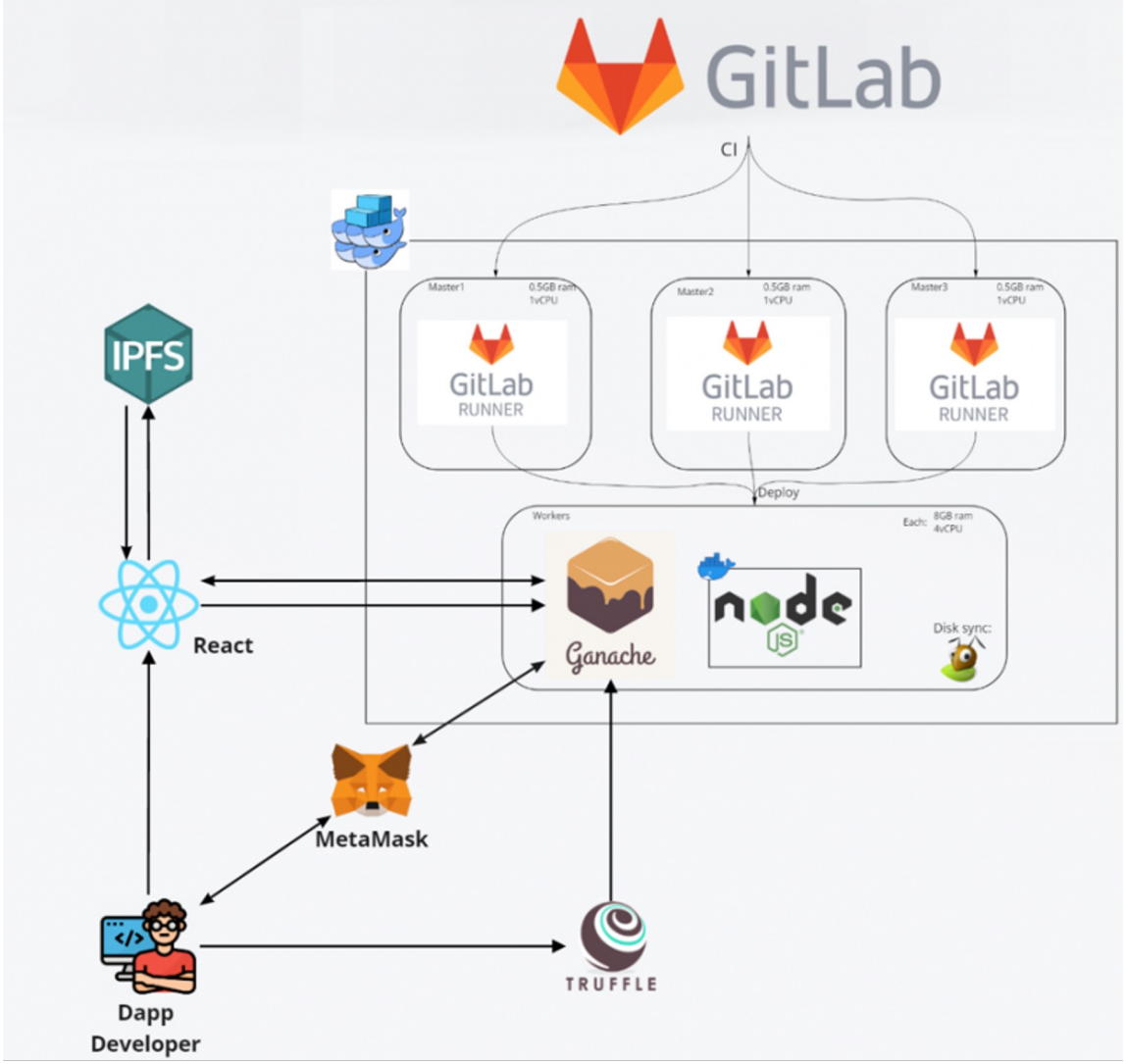
de criptomonedes



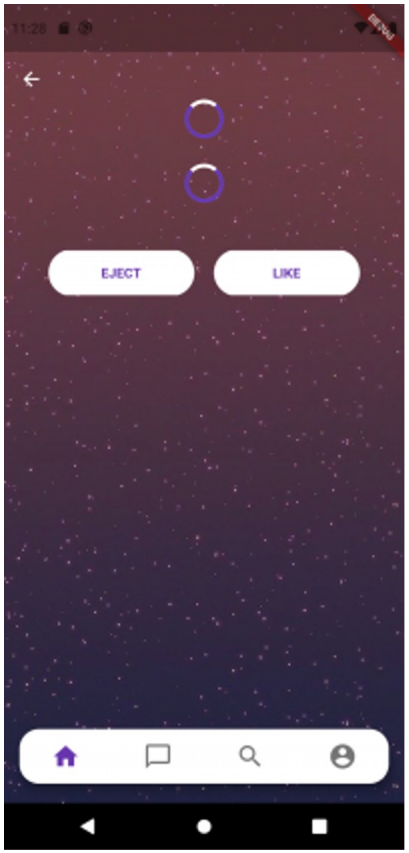




NFT: Arte sobre blockchain

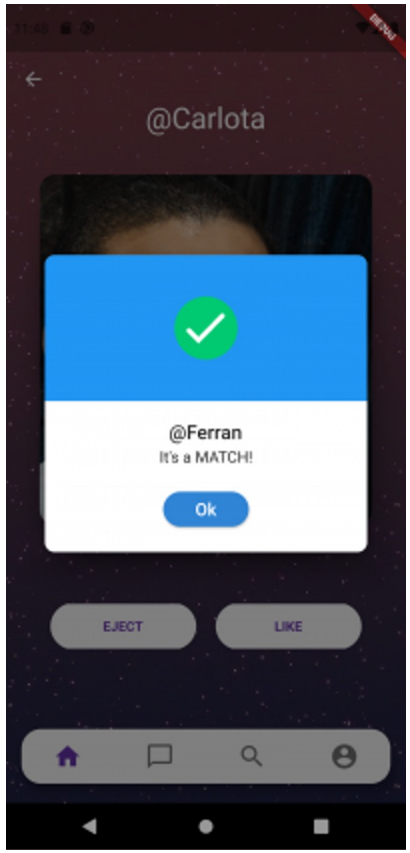


VENUS


EJECT
LIKE

@Estel
EJECT
LIKE

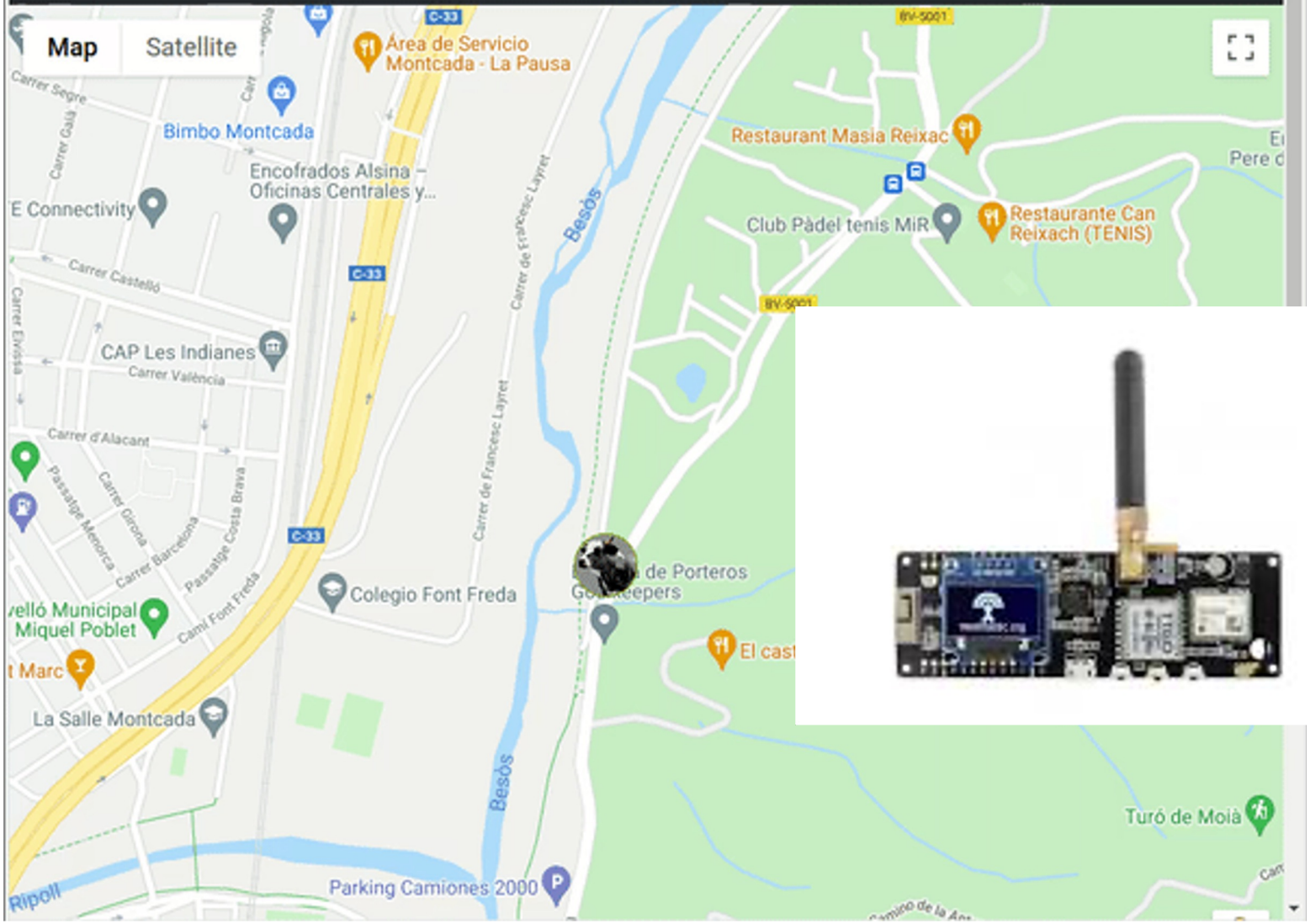
@Max
EJECT
LIKE


@Carlota
@Ferran
It's a MATCH!
Ok
EJECT
LIKE

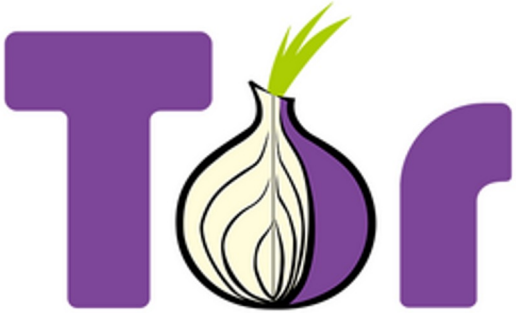
CowLocalizer

aaaa

Github | Localiza tus vacas | Quienes somos? | FAQ

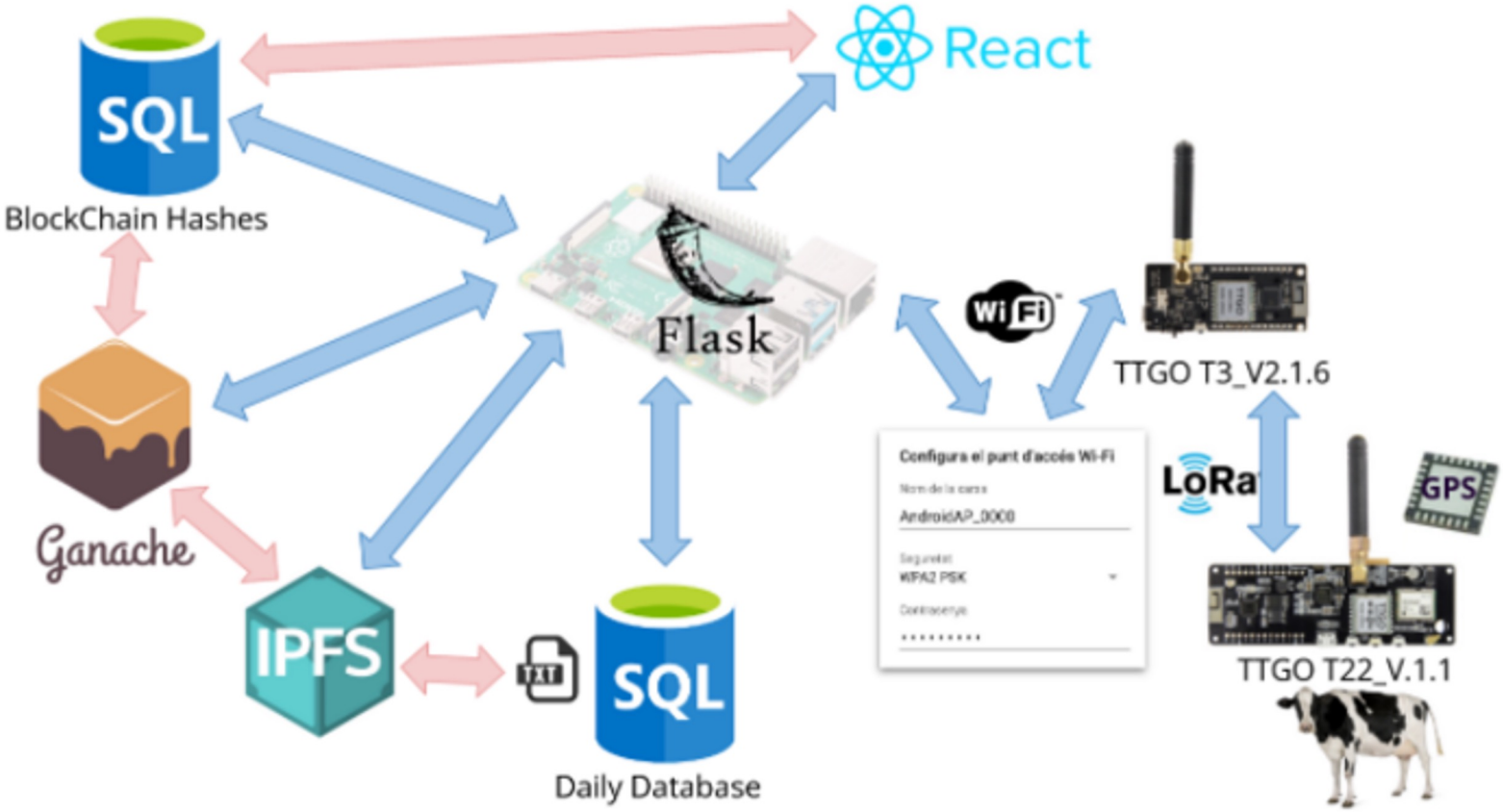


SpyWaiter

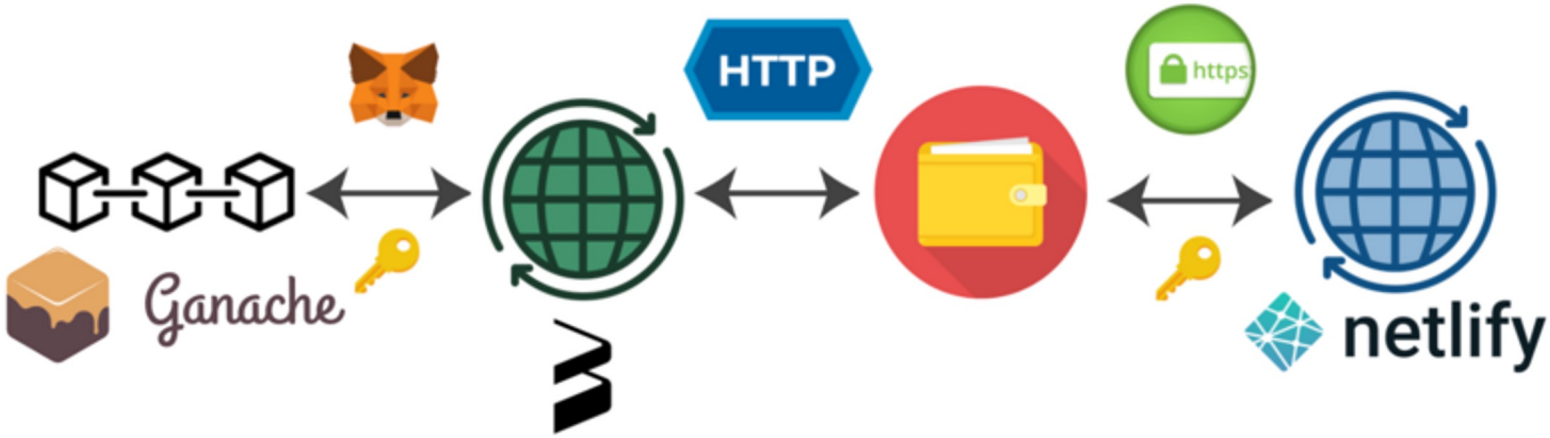


+

WalkCow


React
SQL
BlockChain Hashes
Flask
Ganache
IPFS
SQL
Daily Database
Wi Fi
TTGO T3_V2.1.6
Configura el punt d'accés Wi-Fi
AndroidAP_0000
WPA2 PSK
LoRa
GPS
TTGO T22_V.1.1

Self-Sovereign-Identity

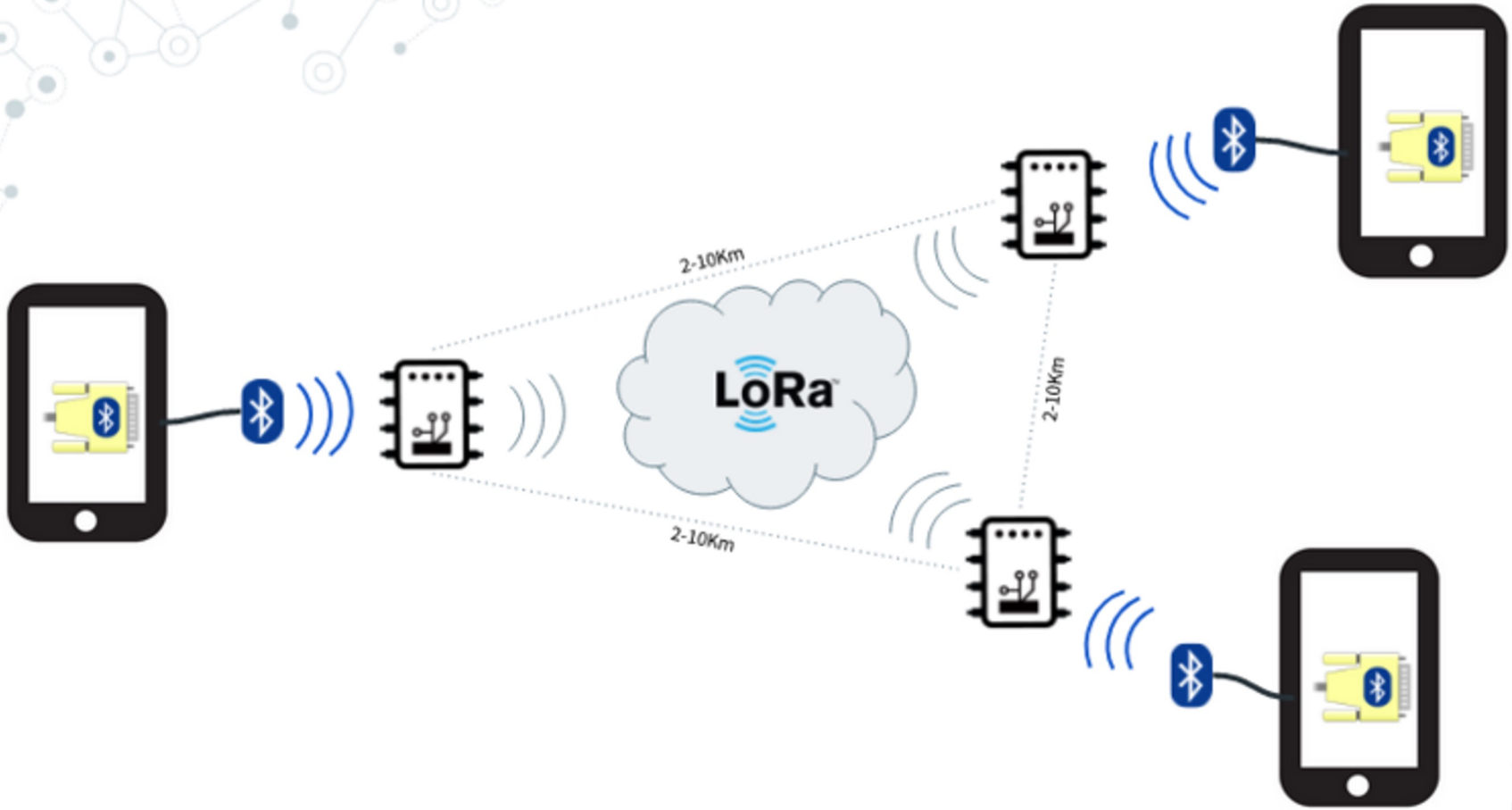


ClusterK3SComunitario

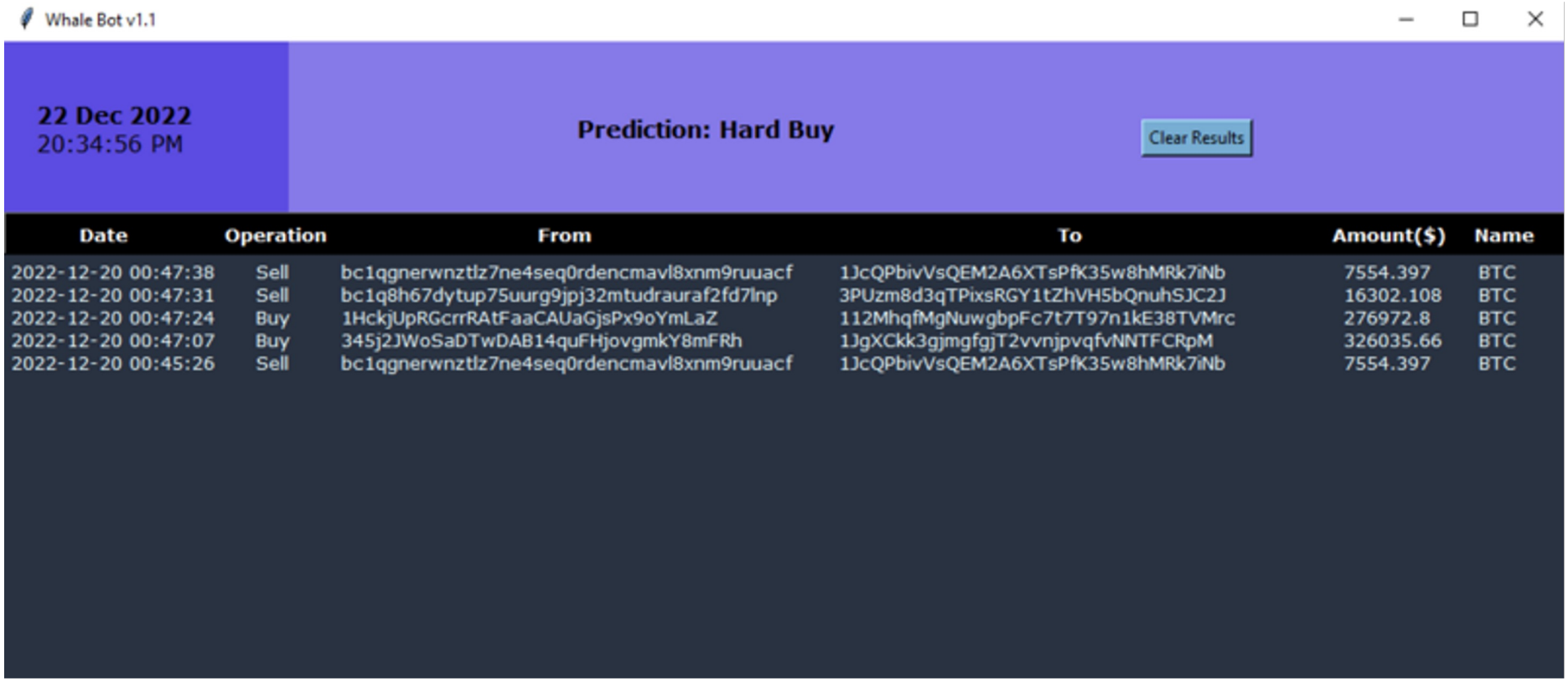
MEDETH

TRUFFLE
node
JS
express
METAMASK
React
Ganache
IPFS
PostgreSQL
web3.js

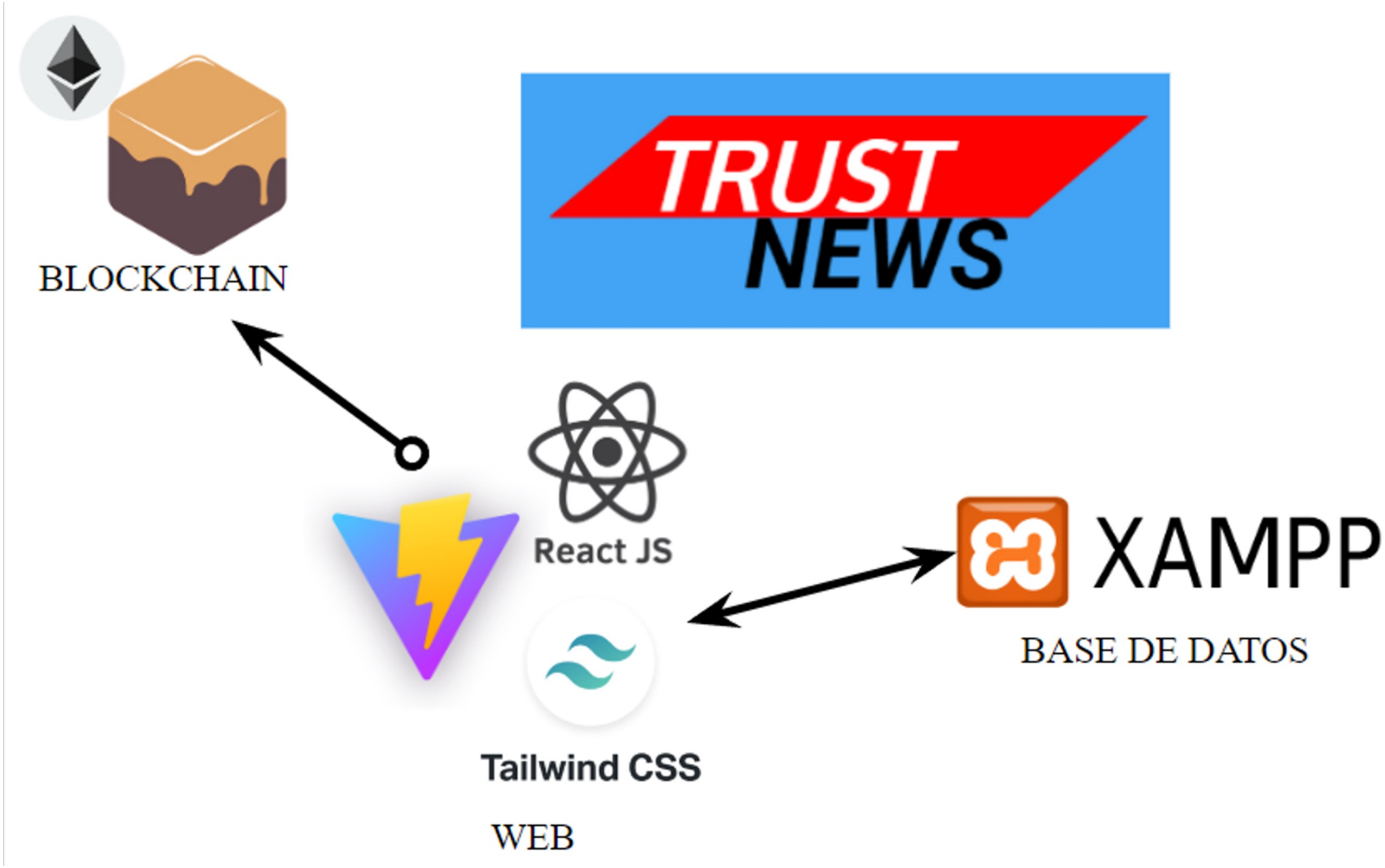
LoRaChat



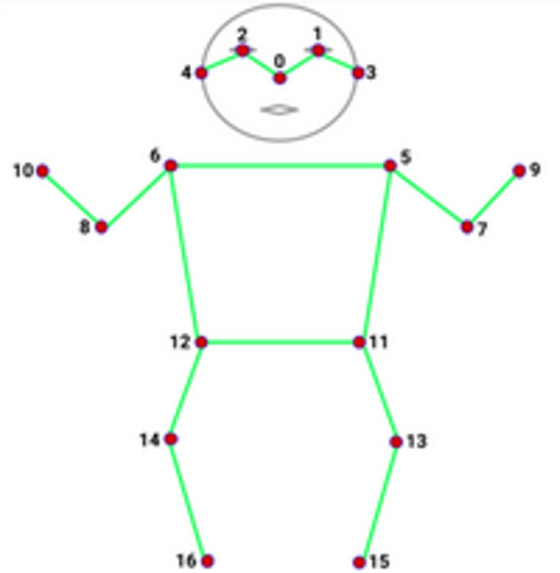
whalebot



Date	Operation	From	To	Amount($)	Name
2022-12-20 00:47:38	Sell	bc1qgnerwnztlz7ne4seq0rdencmavl8xnm9ruuacf	1JcQPbivVsQEM2A6XTsPfK35w8hMRk7iNb	7554.397	BTC
2022-12-20 00:47:31	Sell	bc1q8h67dytup75uurg9jpj32mtudrauraf2fd7lnp	3PUzm8d3qTPixsRGY1tZhVH5bQnuhSJC2J	16302.108	BTC
2022-12-20 00:47:24	Buy	1HckjUpRGcrrRAtFaaCAUaGjsPx9oYmLaZ	112MhqfMgNuwgbpFc7t7T97n1kE38TVMrc	276972.8	BTC
2022-12-20 00:47:07	Buy	345j2JWoSaDTwDAB14quFHjovgmkY8mFRh	1JgXCkk3gjmgfgjT2vvnjpvqfvNNTFCRpM	326035.66	BTC
2022-12-20 00:45:26	Sell	bc1qgnerwnztlz7ne4seq0rdencmavl8xnm9ruuacf	1JcQPbivVsQEM2A6XTsPfK35w8hMRk7iNb	7554.397	BTC


BLOCKCHAIN
TRUST
NEWS
React JS
XAMPP
BASE DE DATOS
Tailwind CSS
WEB

MLGim


0
1
2
3
4
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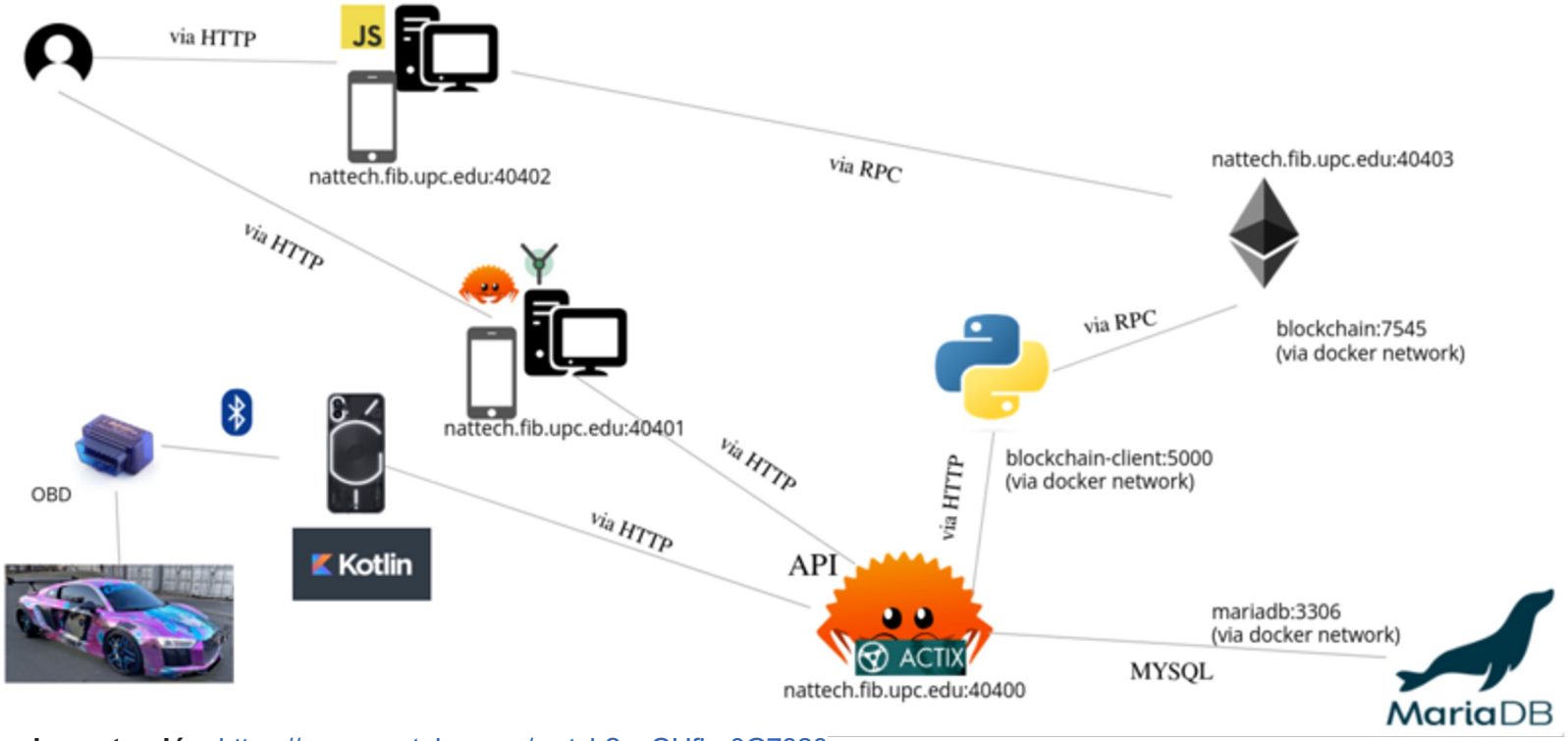
10
11
12
13
14
15
16

kubernetes
containerd
Auth
User
Ingress
Registry
Database

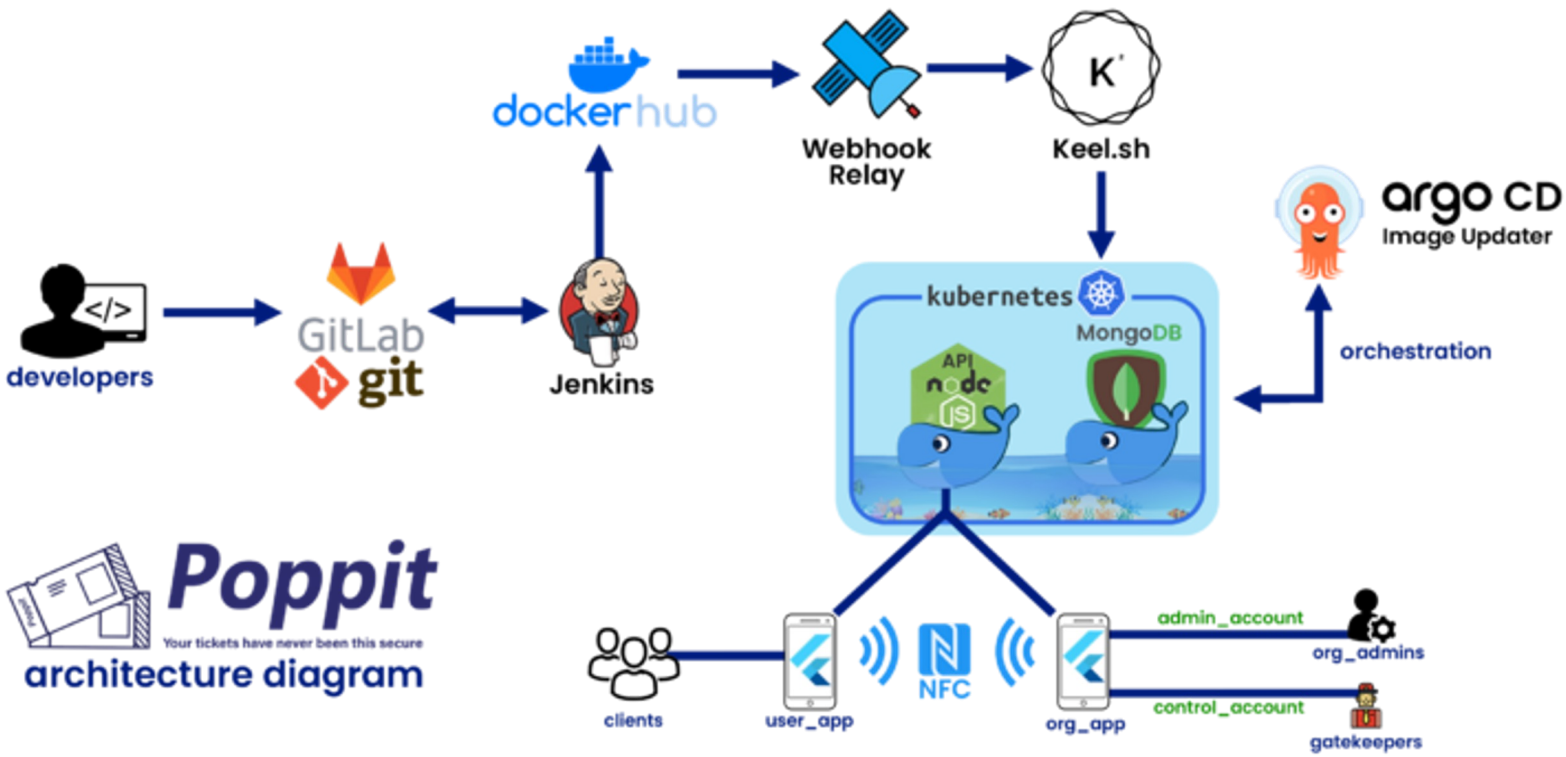
CarTracking



Video de demostración: https://www.youtube.com/watch?v=OHfLq0G7820

Poppit

Your tickets have never been this secure

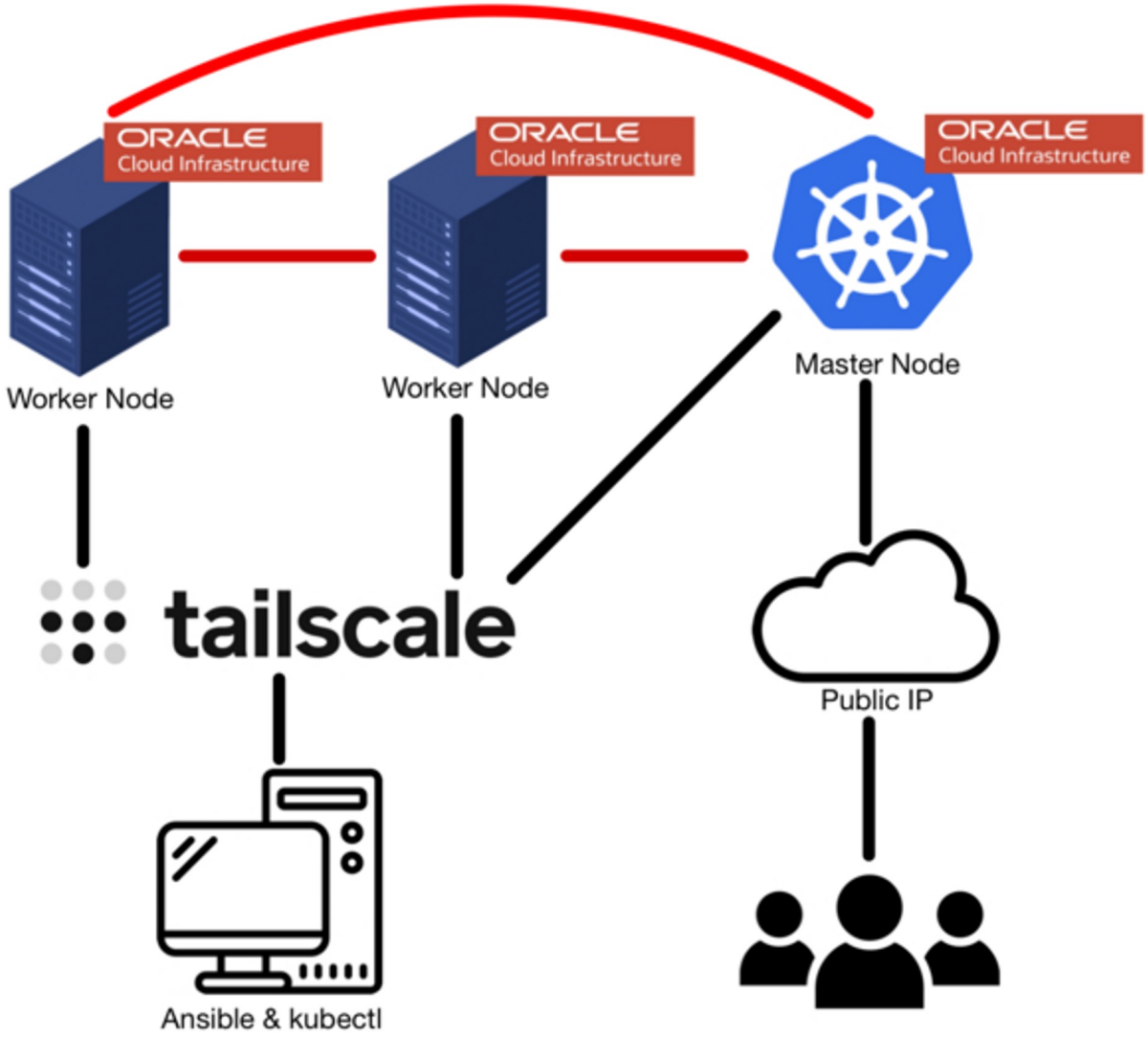


Poppit

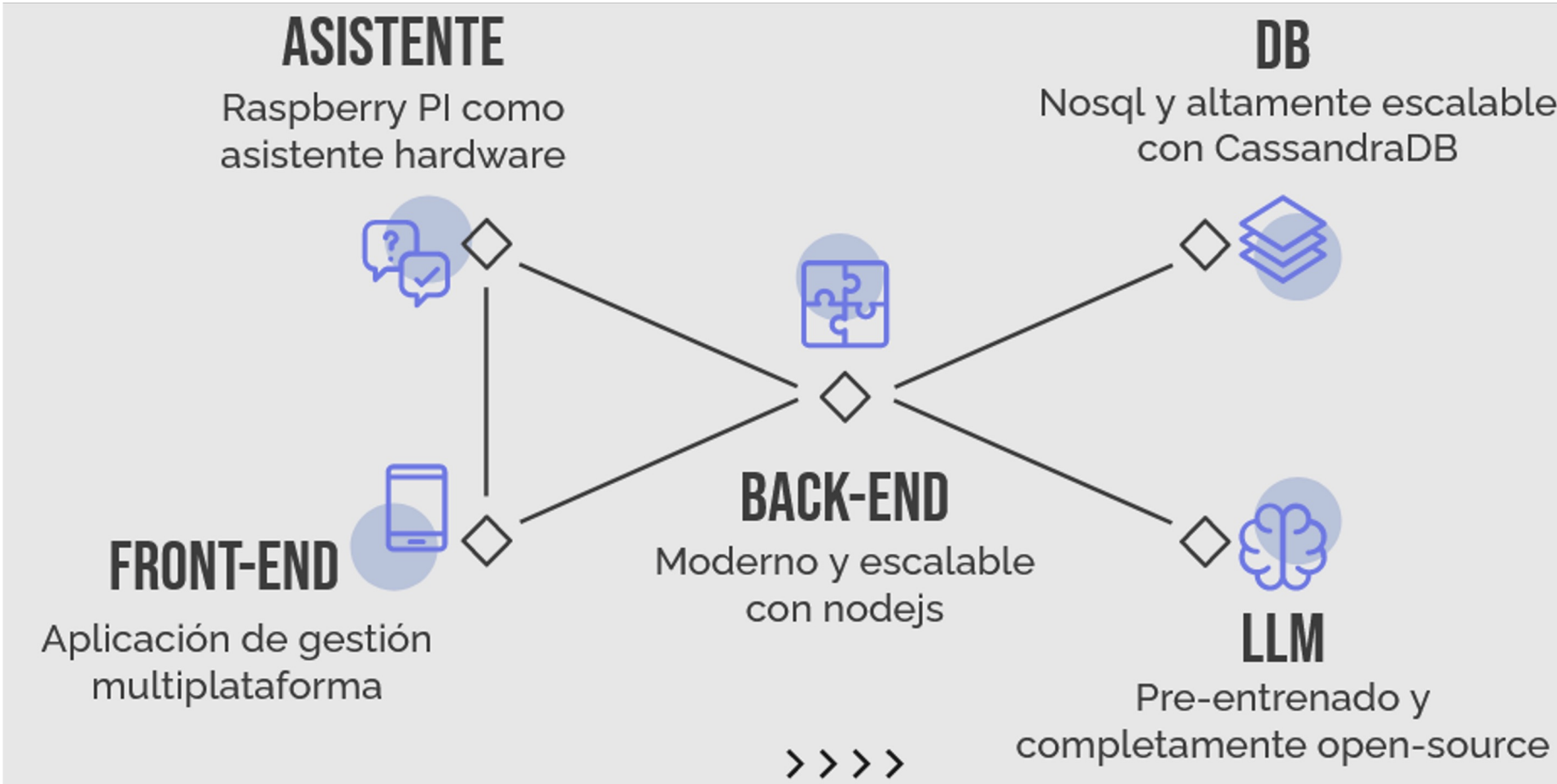
Your tickets have never been this secure

architecture diagram

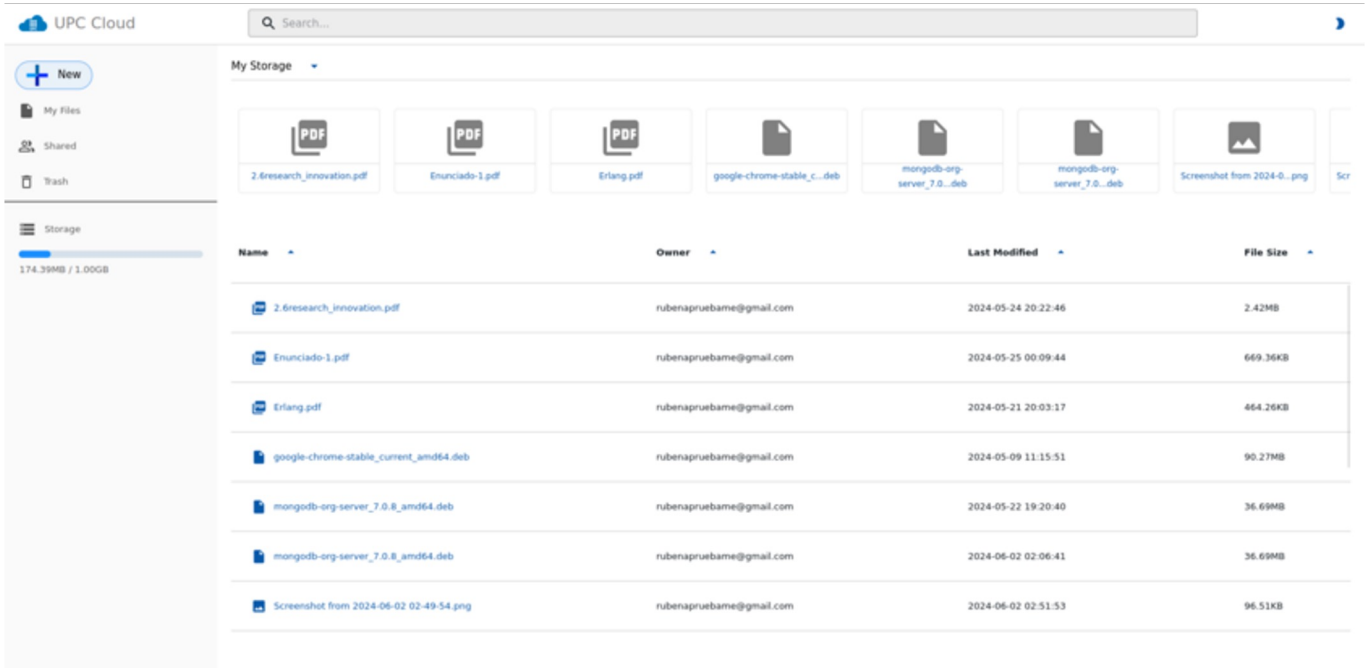
Capture The Flag

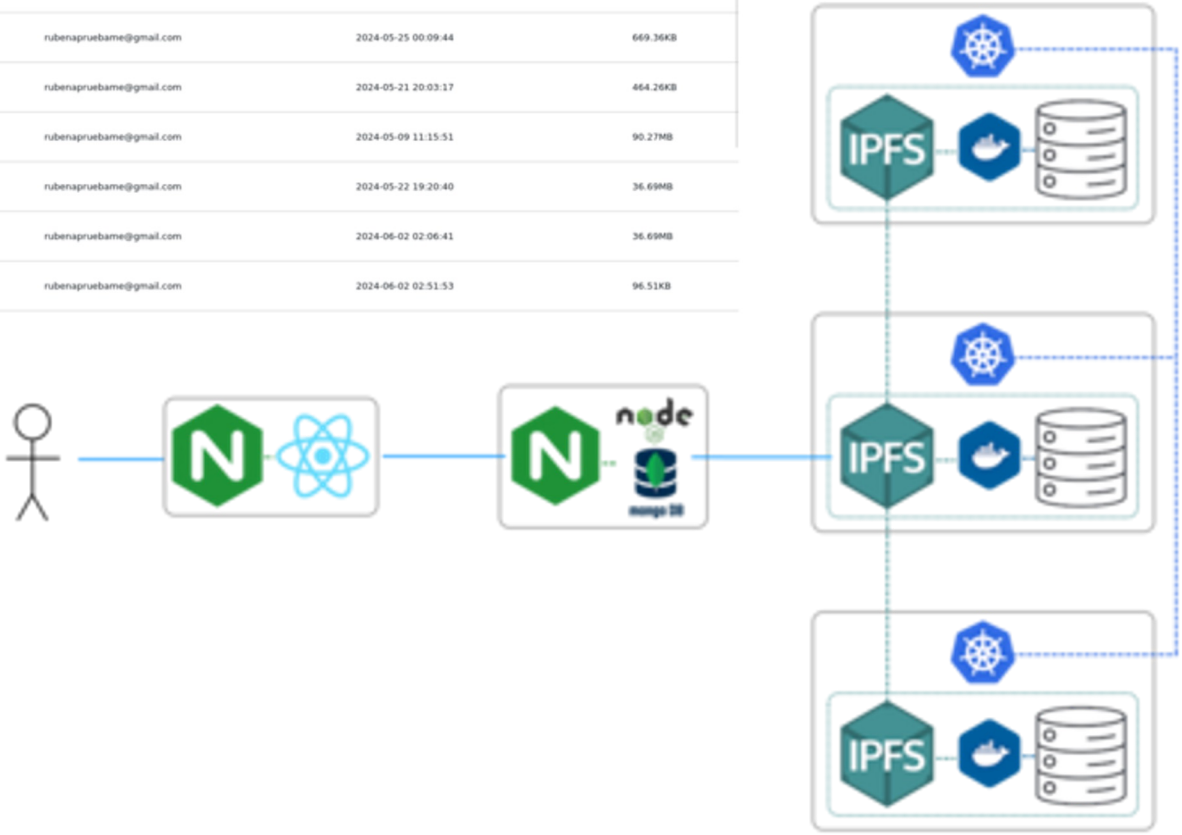


Elira

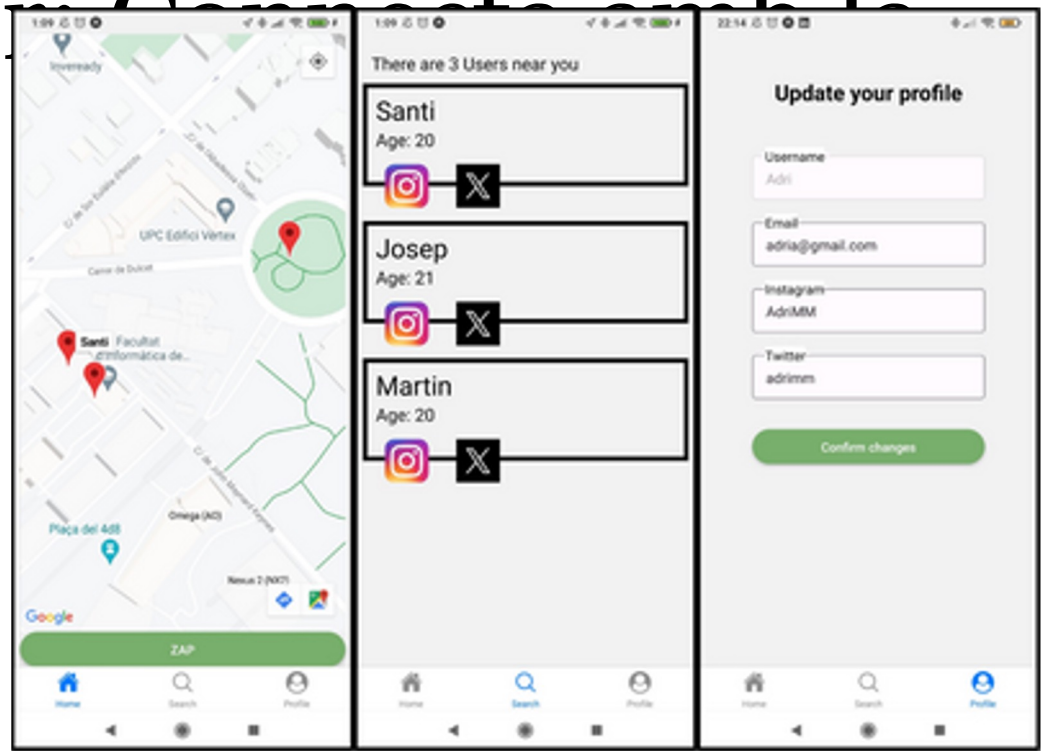

ASISTENTE
Raspberry PI como asistente hardware
DB
Nosql y altamente escalable con CassandraDB
BACK-END
Moderno y escalable con nodejs
FRONT-END
Aplicación de gestión multiplataforma
LLM
Pre-entrenado y completamente open-source

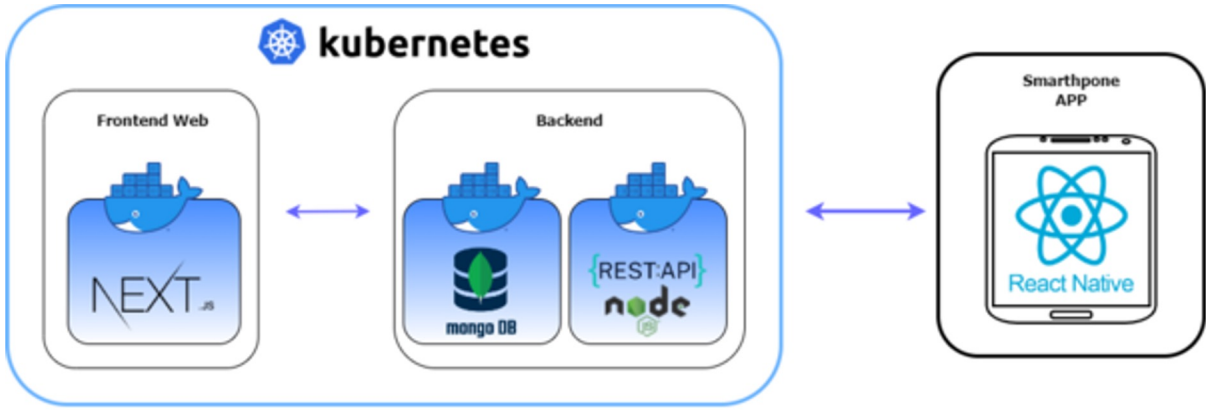
UPC Cloud


UPC Cloud
Search...
New
My Files
Shared
Trash
Storage
174.39MB / 1.00GB
My Storage
2.6research_innovation.pdf
Enunciado-1.pdf
Erlang.pdf
google-chrome-stable_c...deb
mongodb-org-server_7.0...deb
mongodb-org-server_7.0...deb
Screenshot from 2024-0...png
Name
Owner
Last Modified
File Size
2.6research_innovation.pdf rubenapruebame@gmail.com 2024-05-24 20:22:46 2.42MB
Enunciado-1.pdf rubenapruebame@gmail.com 2024-05-25 00:09:44 669.36KB
Erlang.pdf rubenapruebame@gmail.com 2024-05-21 20:03:17 464.26KB
google-chrome-stable_current_amd64.deb rubenapruebame@gmail.com 2024-05-09 11:15:51 90.27MB
mongodb-org-server_7.0.8_amd64.deb rubenapruebame@gmail.com 2024-05-22 19:20:40 36.69MB
mongodb-org-server_7.0.8_amd64.deb rubenapruebame@gmail.com 2024-06-02 02:06:41 36.69MB
Screenshot from 2024-06-02 02-49-54.png rubenapruebame@gmail.com 2024-06-02 02:51:53 96.51KB

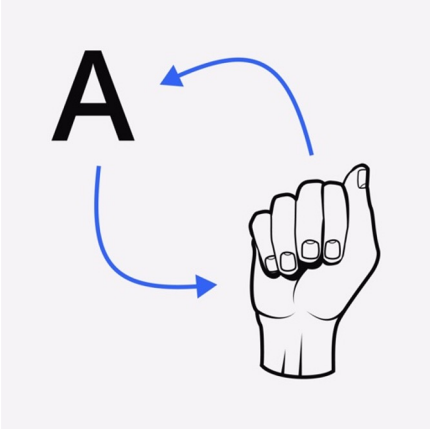

N
N
node
mongo DB
IPFS
IPFS
IPFS

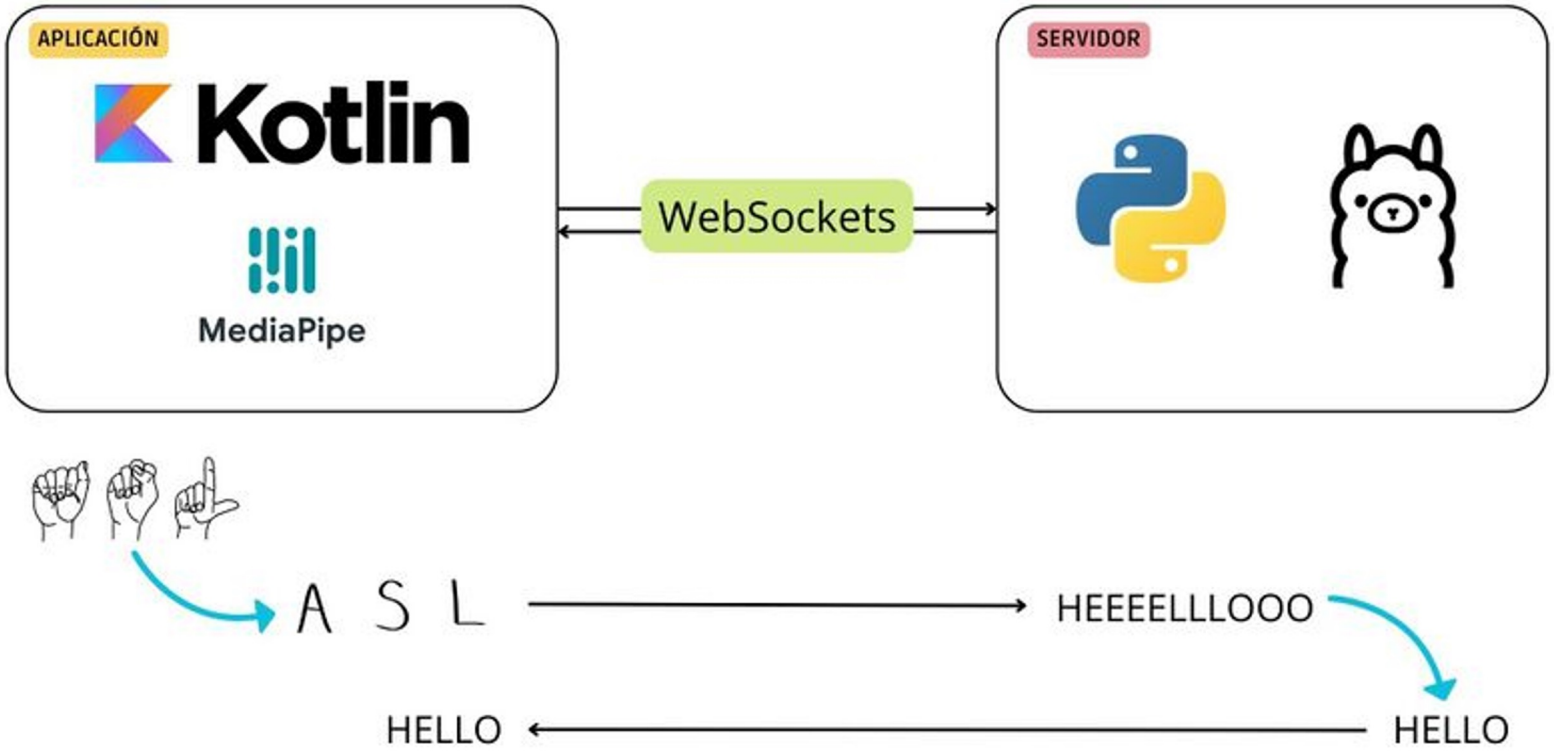
Zapper: Connecta amb la gent!



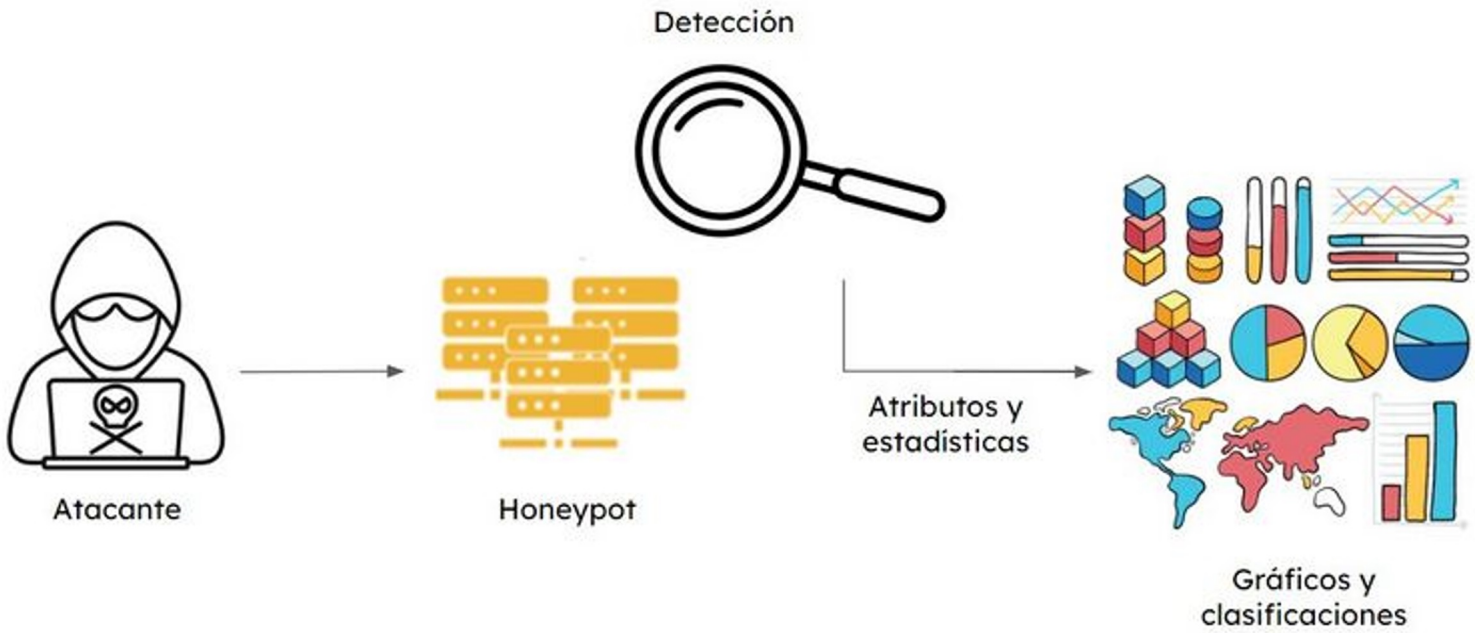


TrASLate


A


APLICACIÓN
Kotlin
MediaPipe
WebSockets
SERVIDOR
A S L
HEEEELLLOOO
HELLO
HELLO

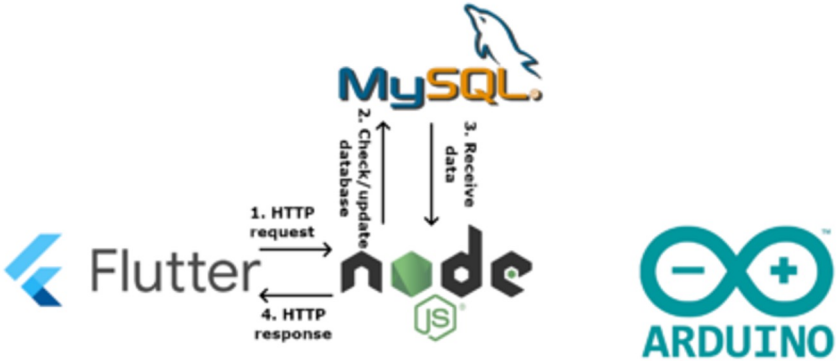
HoneyFlow


Detección
Atacante
Honeypot
Atributos y
estadísticas
Gráficos y
clasificaciones

SmartGrow

Data gathering and push notification

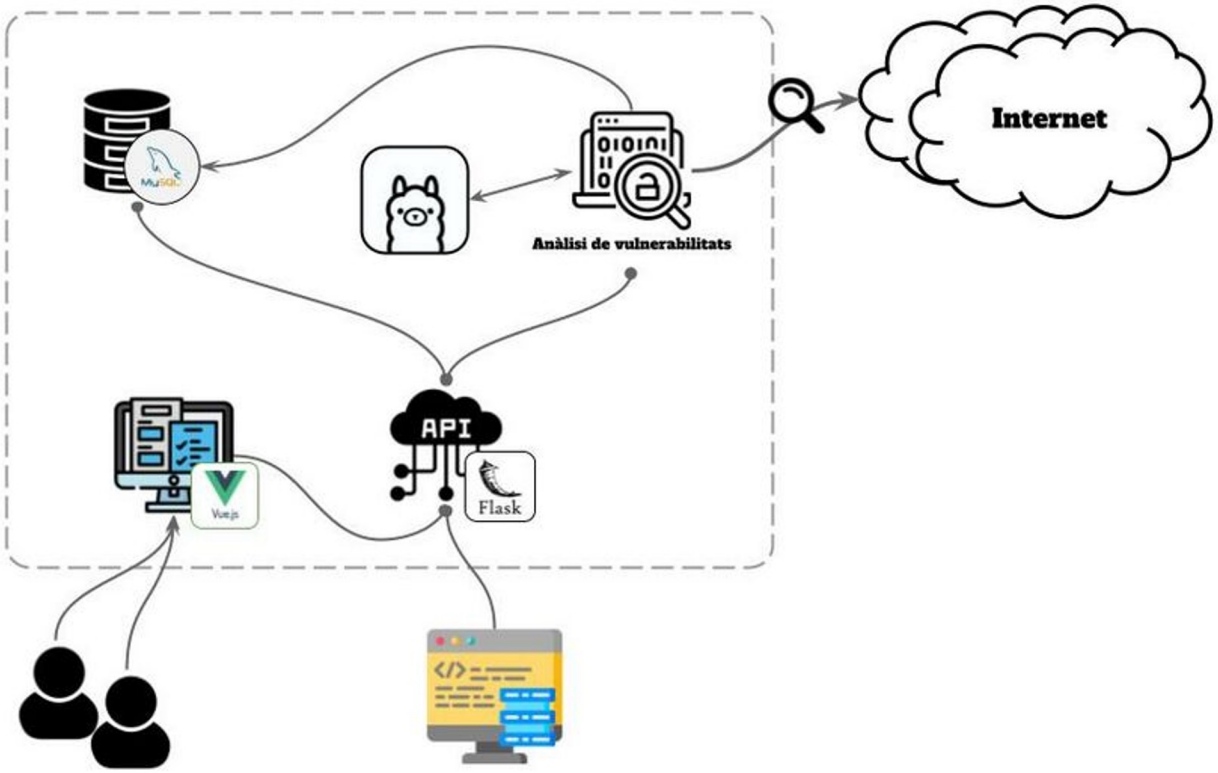
App interaction with database (CRUD)



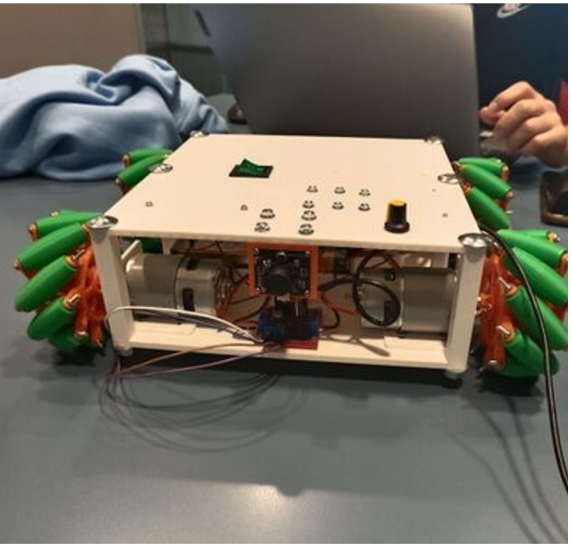
MQTT

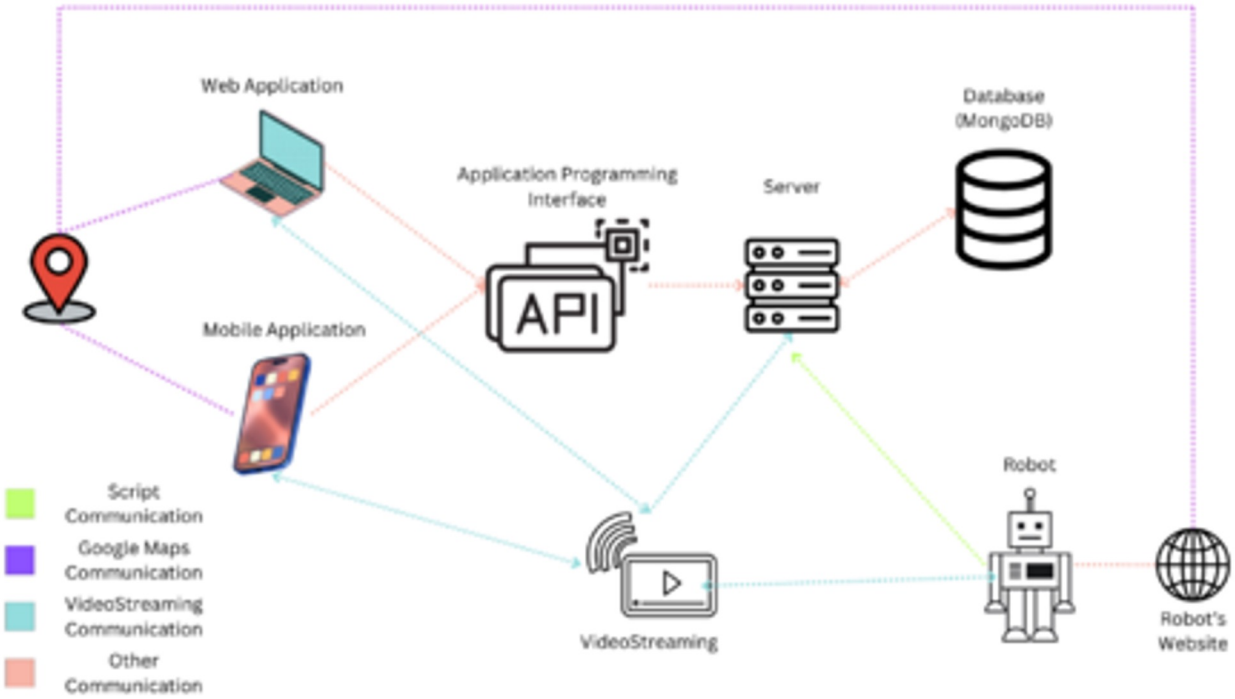
vScan

Online Vulnerability Scanner



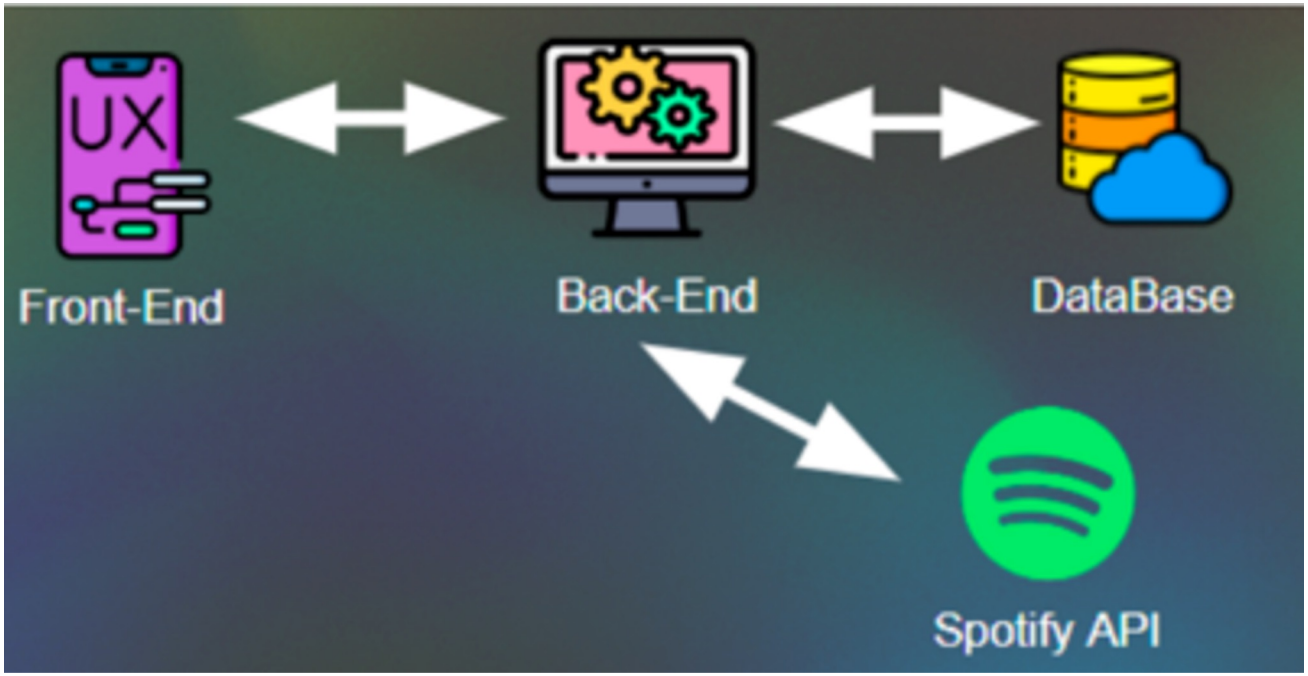
Talos
Entrust



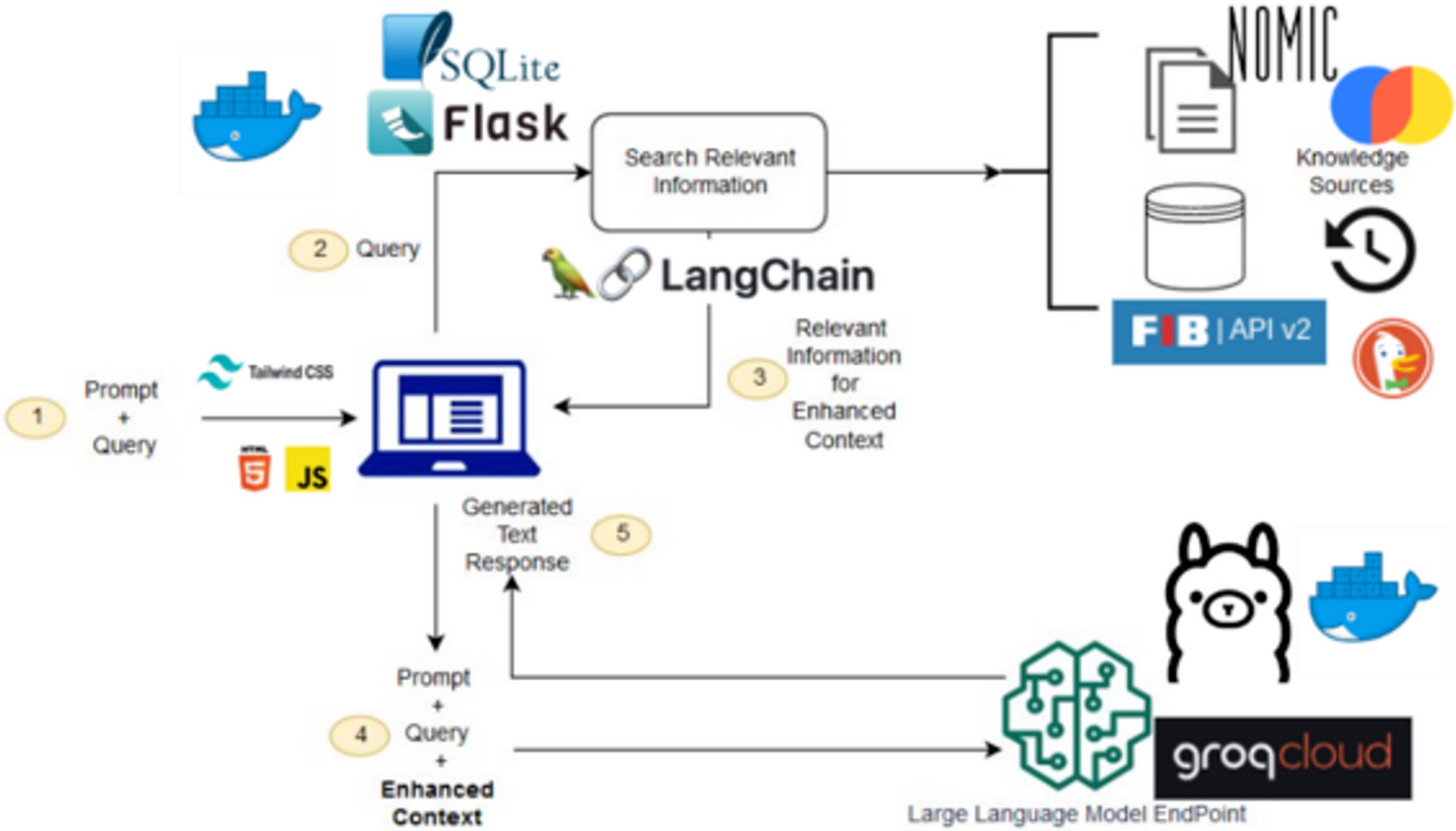


groovelink

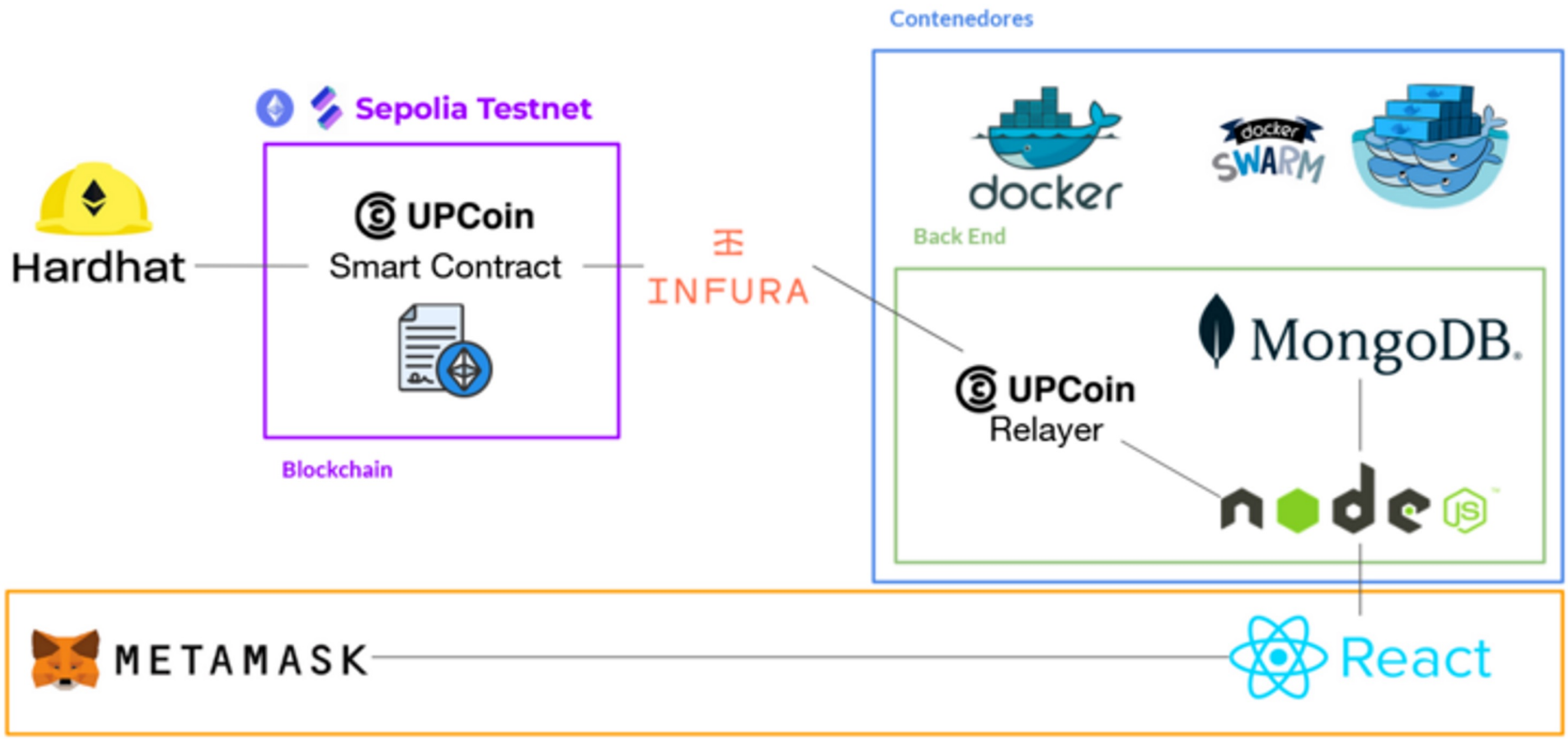
GrooveLink es una aplicación móvil innovadora diseñada para conectar a los usuarios a través de la música,



FIBerBot


SQLite
Flask
Search Relevant Information
NOMIC
Knowledge Sources
2 Query
LangChain
FIB | API v2
Relevant Information for Enhanced Context
3
Tailwind CSS
1
Prompt + Query
JS
Generated Text Response
5
Prompt + Query + Enhanced Context
4
groqcloud
Large Language Model EndPoint

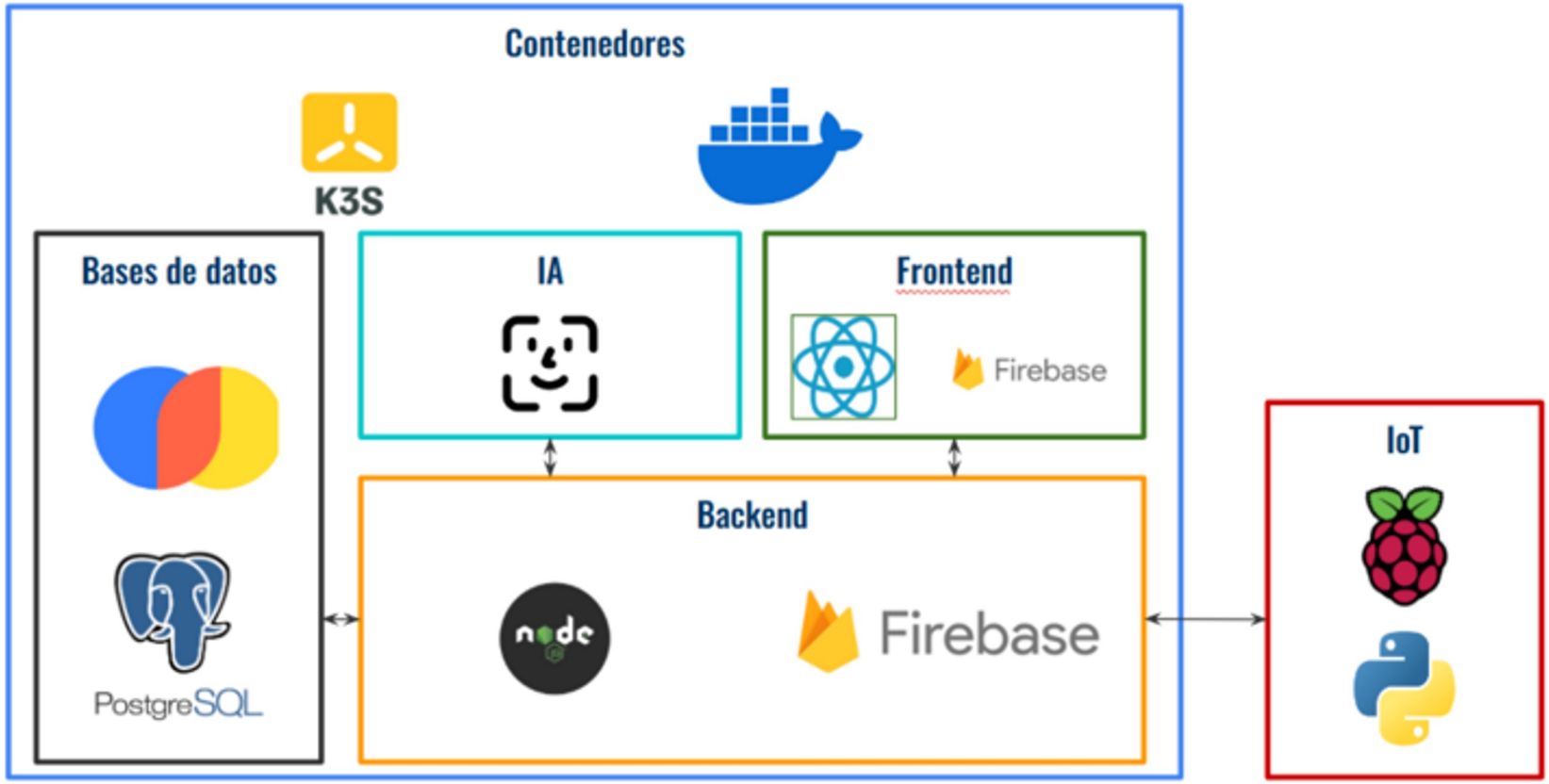
UPCoin


Contenedores
Sepolia Testnet
Hardhat
UPCoin
Smart Contract
Blockchain
INFURA
docker
Back End
docker
SWARM
MongoDB.
UPCoin
Relayer
node
METAMASK
React

FacePass

sistema de desbloqueo de puertas mediante reconocimiento facial

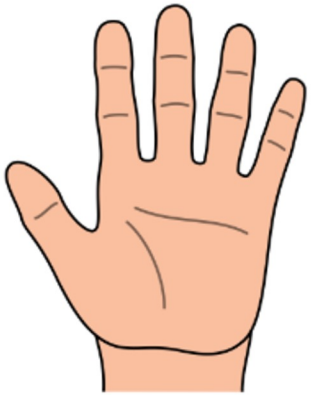
Para la implementación de la sección de la IA hemos utilizado la librería Deepface



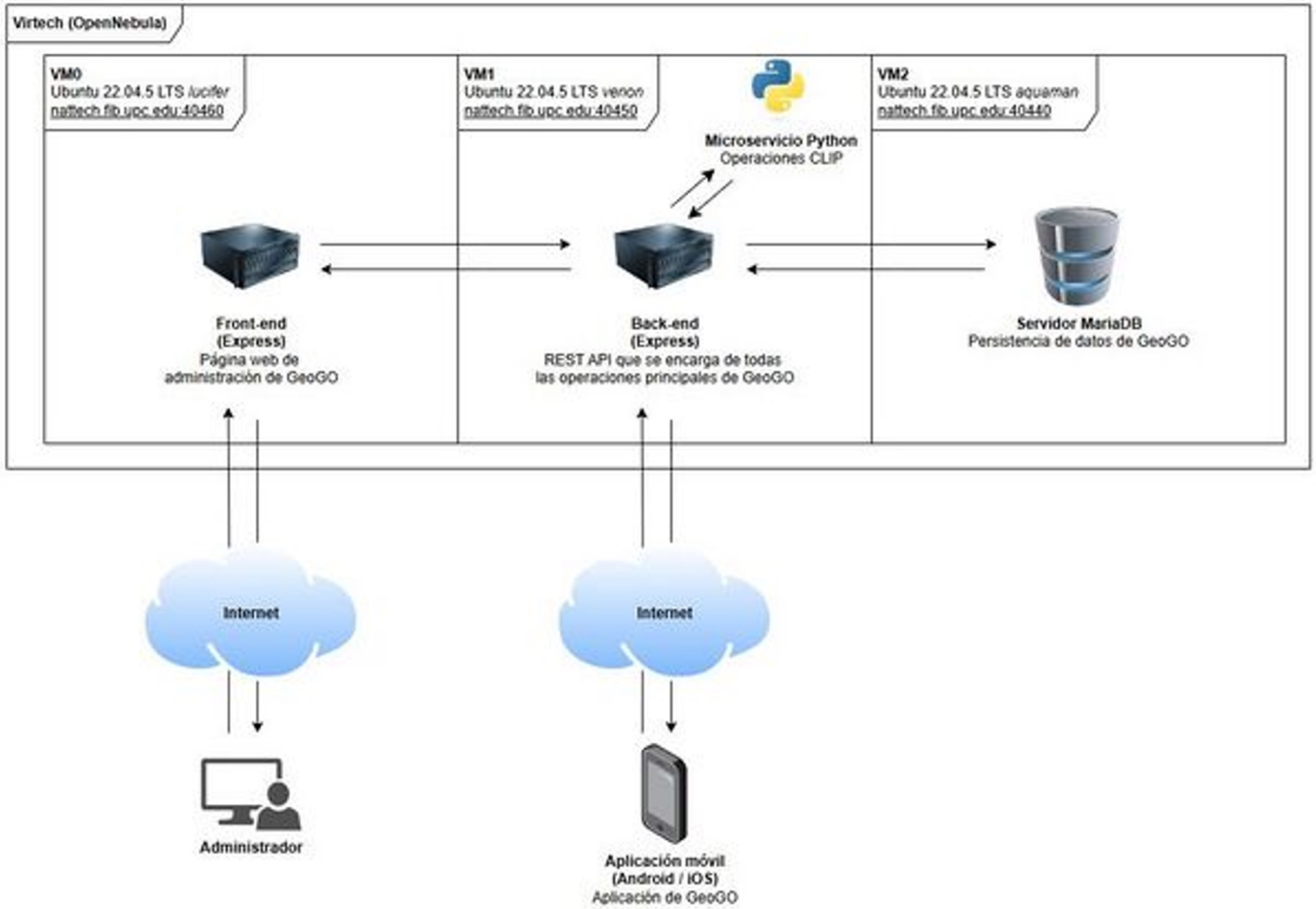
WellTrack

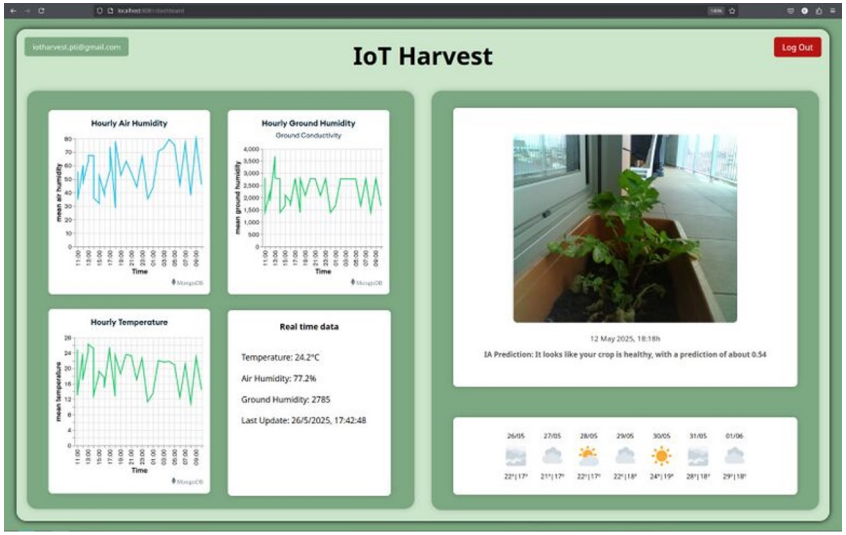
optimizamos el bienestar con datos, IA y visualización en tiempo real

Machine Learning en WellTrack

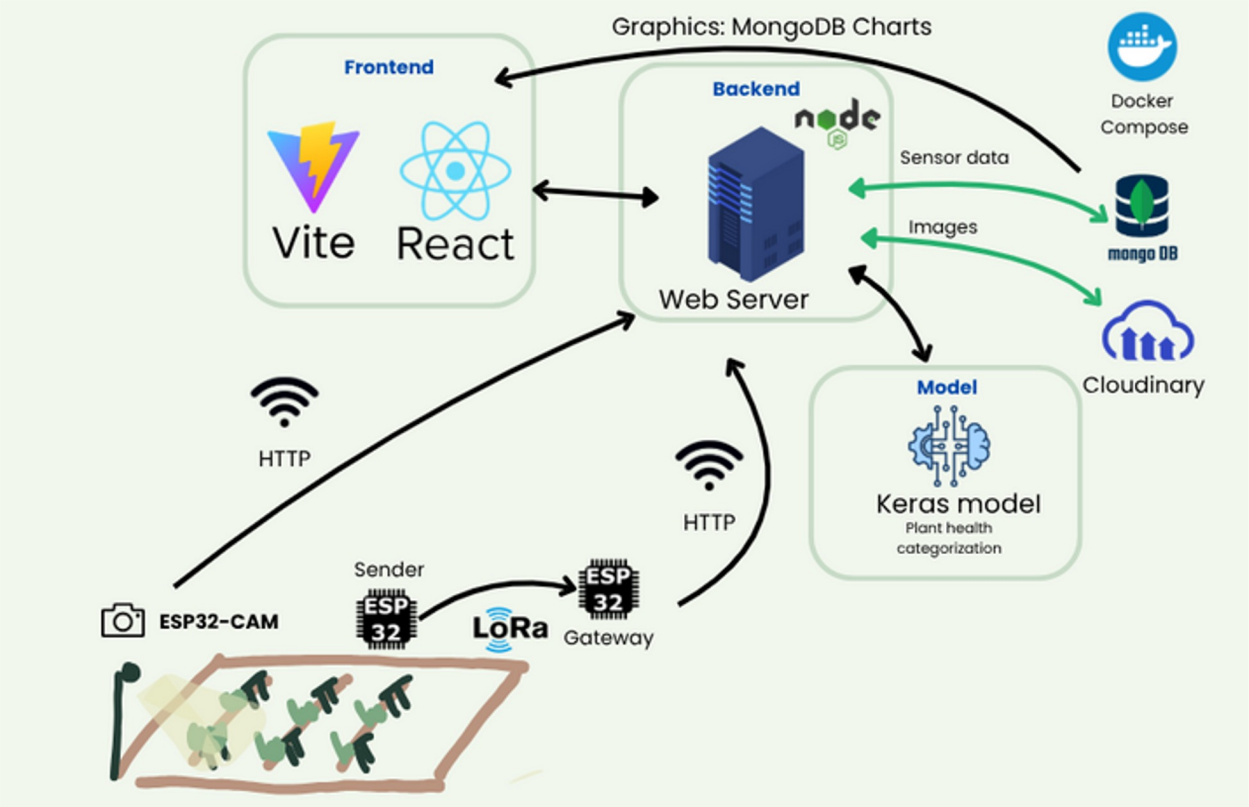


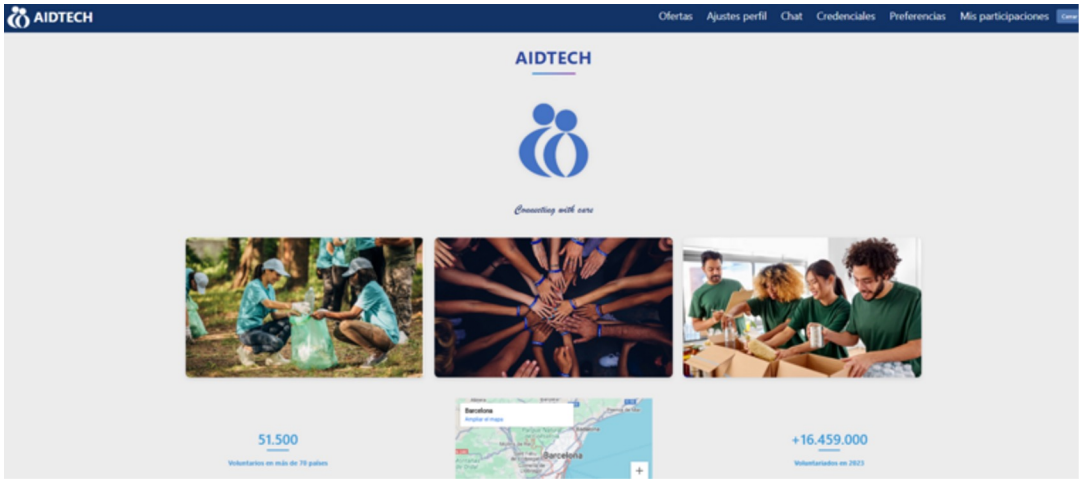
- Los jugadores reciben una fotografía recortada sobre algún lugar de interés de su ciudad (como una calle o monumento emblemático, por ejemplo), y tendrán que averiguar y acercarse a su origen.
- comparación de imágenes a través de inteligencia artificial.



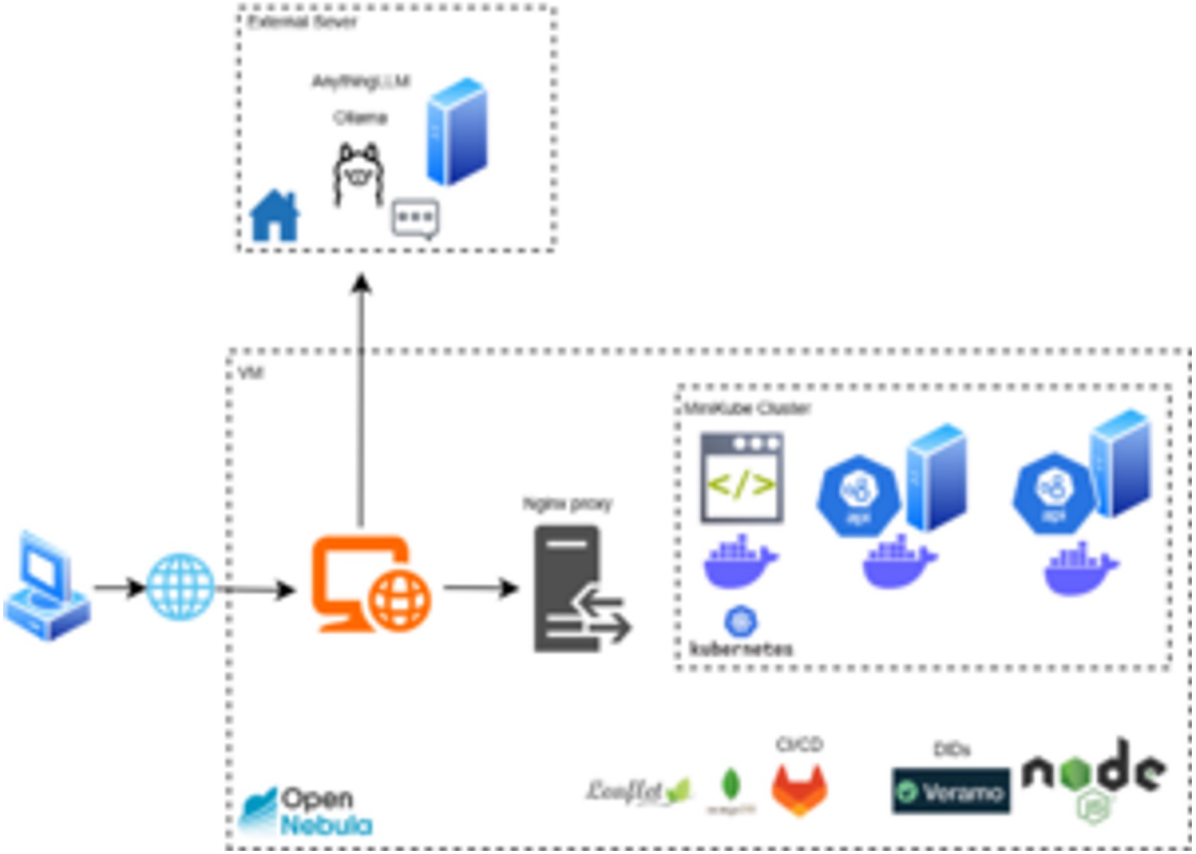

IoT Harvest
Log Out
Hourly Air Humidity
Hourly Ground Humidity
Ground Conductivity
Hourly Temperature
Real time data
Temperature: 24.2°C
Air Humidity: 77.2%
Ground Humidity: 2785
Last Update: 26/5/2025, 17:42:48
12 May 2025, 18:18h
IA Prediction: It looks like your crop is healthy, with a prediction of about 0.54

IoTHarvest

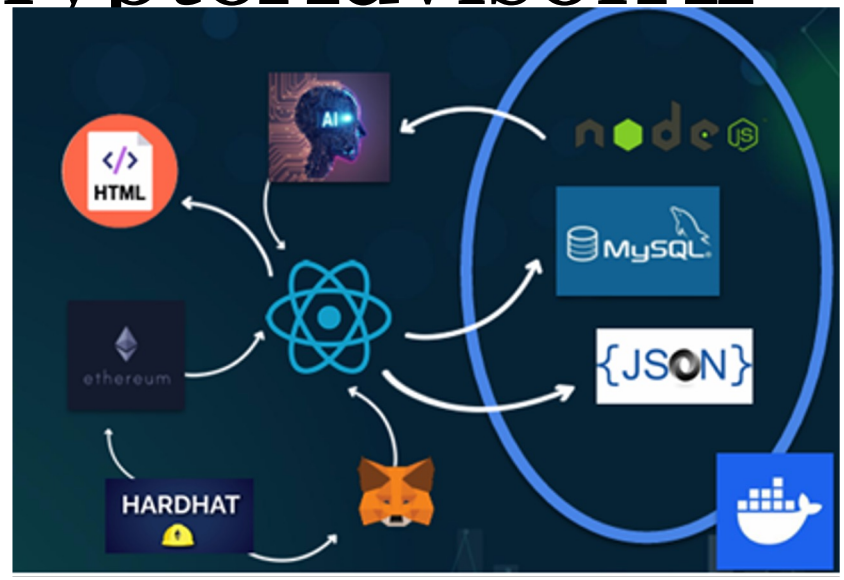

Graphics: MongoDB Charts
Frontend
Vite
React
Backend
node
Web Server
Docker
Compose
Sensor data
Images
mongo DB
Cloudinary
Model
Keras model
Plant health
categorization
HTTP
HTTP
Sender
ESP
32
LoRa
ESP
32
Gateway
ESP32-CAM

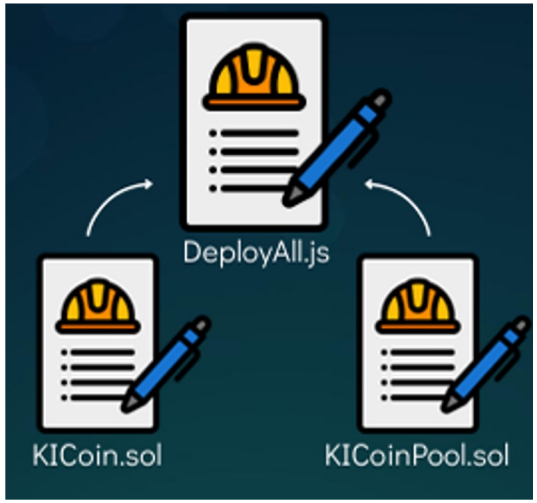

AIDTECH
Ofertas
Ajustes perfil
Chat
Credenciales
Preferencias
Mis participaciones
AIDTECH
Connecting with care
51.500
Barcelona
+16.459.000

AIDTECH


External Server
Ollama
VM
MiniKube Cluster
kubernetes
Nginx proxy
Open Nebula
CI/CD
DIDs
Veramo
node

CryptoAdvisorAI





Ejemplos de proyectos