



FIRE ALARM

M1 INFORMATIQUE

GROUP LEGENDARY ENIGMA

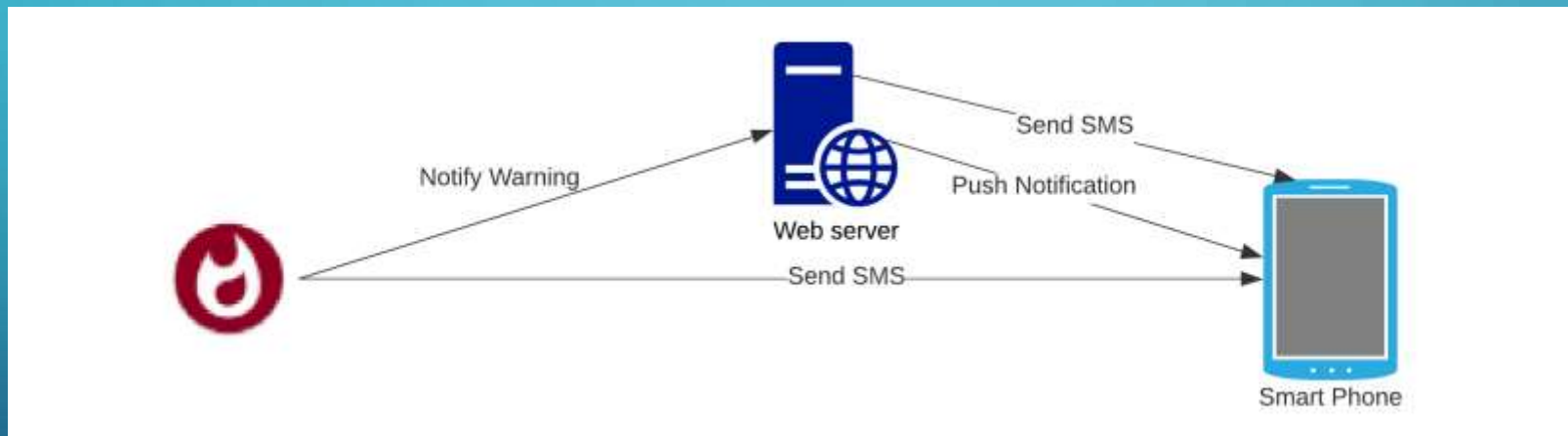
MINH HAO LE

PLAN

1. State of the art
2. Usecase Diagram
3. Project Structure
4. BreadBoard Diagram
5. Mobile Application & Webserver (RESTful API)
6. Future

STATE OF THE ART

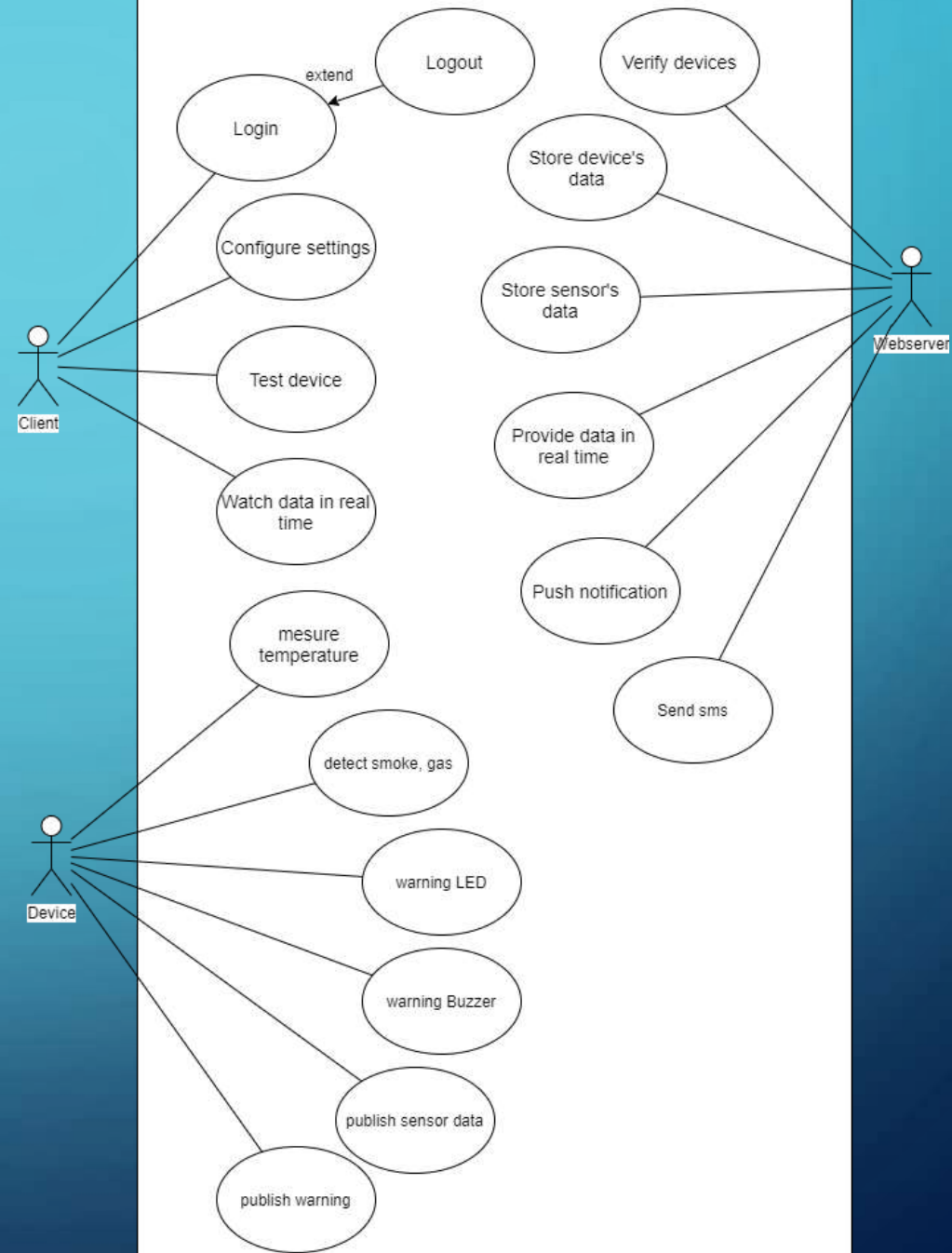
- L'alarme incendie a un LED, un Buzzer et les deux méthodes: pousser la notification mobile et envoyer le SMS pour annoncer.



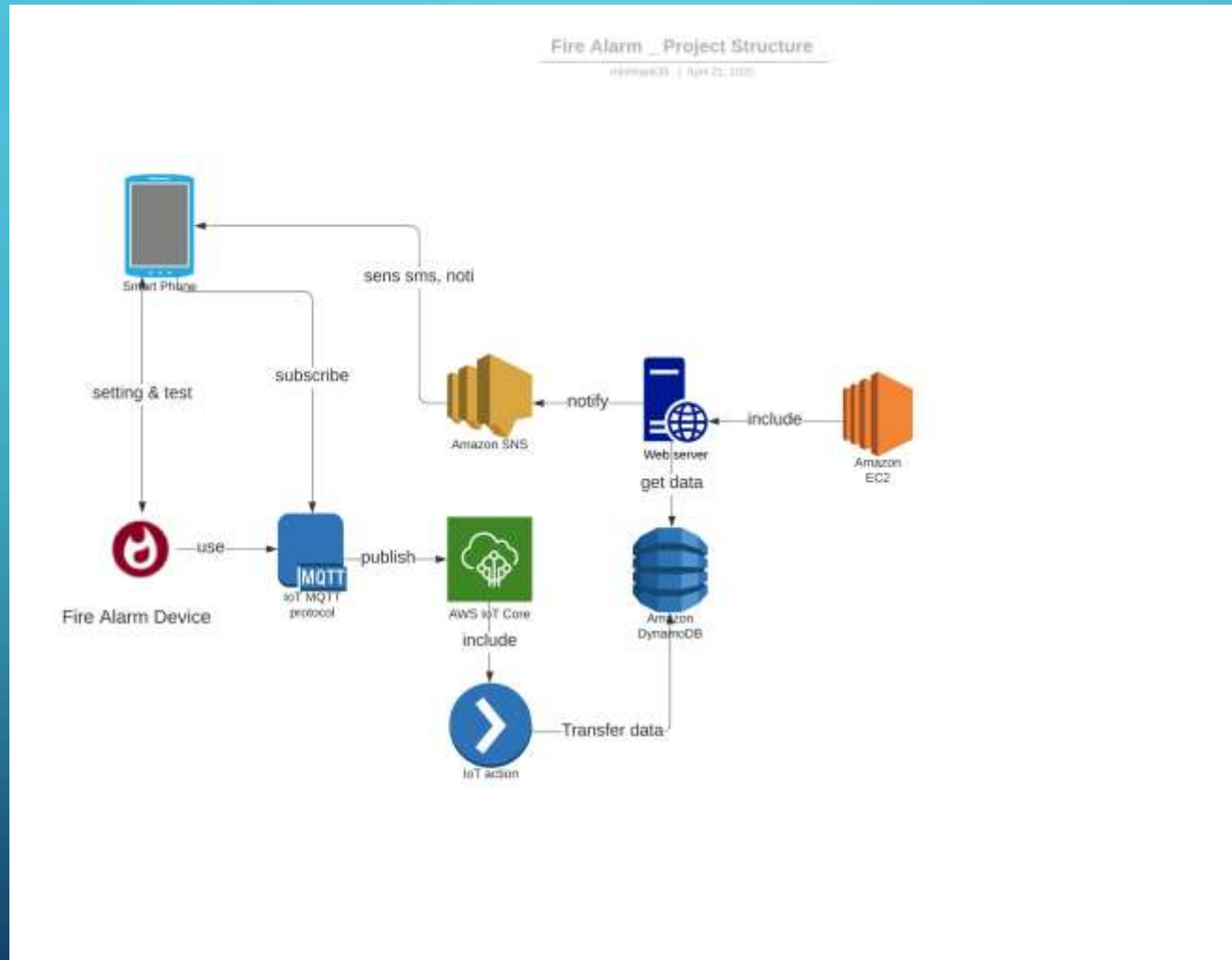
- Collecter les autres données comme la temperature (l'humidité, la présure)

USECASE DIAGRAM

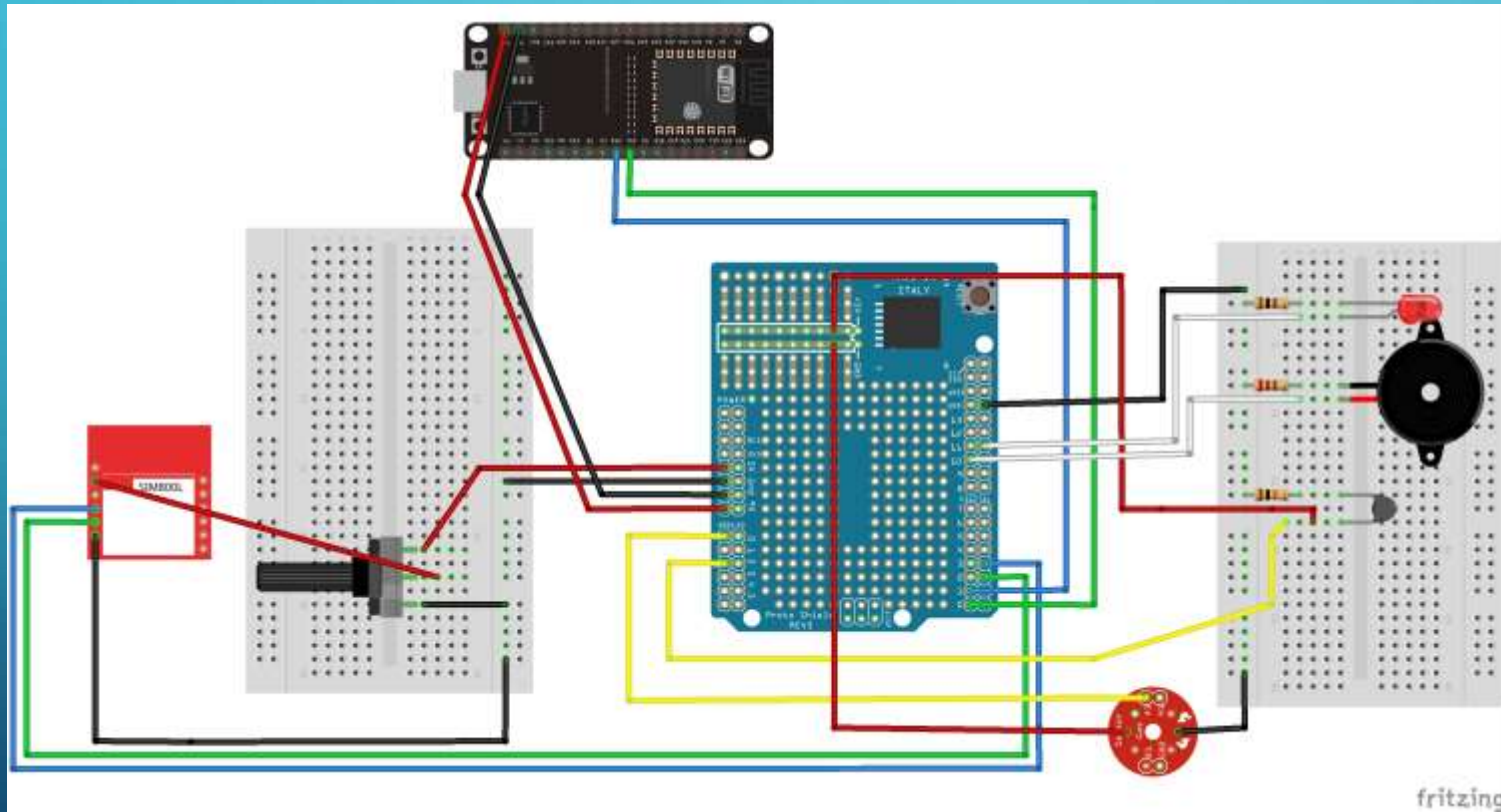
- Client (Mobile Application)
- Device
- Web Server



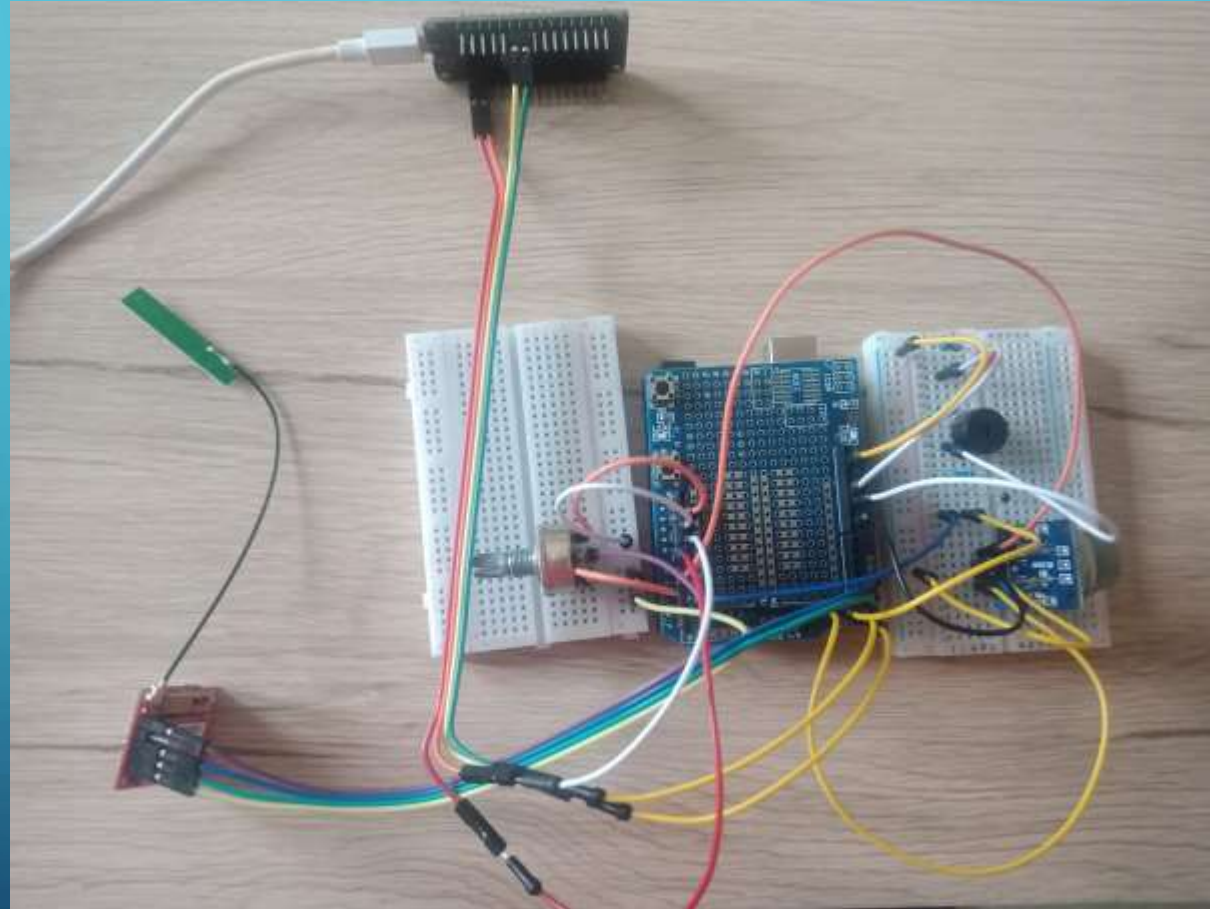
PROJECT STRUCTURE



BREADBOARD DIAGRAM



BREADBOARD



MOBILE APPLICATION

- Visualizer le data
- Configure les parametres
- Tester la fonctionalite d'announcer

WEB SERVER

- Stocker les donnees (AWS IoT, AWS DynamoDb)
- Pousser la notification, envoyer un SMS (AWS SNS)
- Executer le Backend (AWS EC2)

FUTURE

- Multi Language
- Region and Location
- Collect and connect to agency