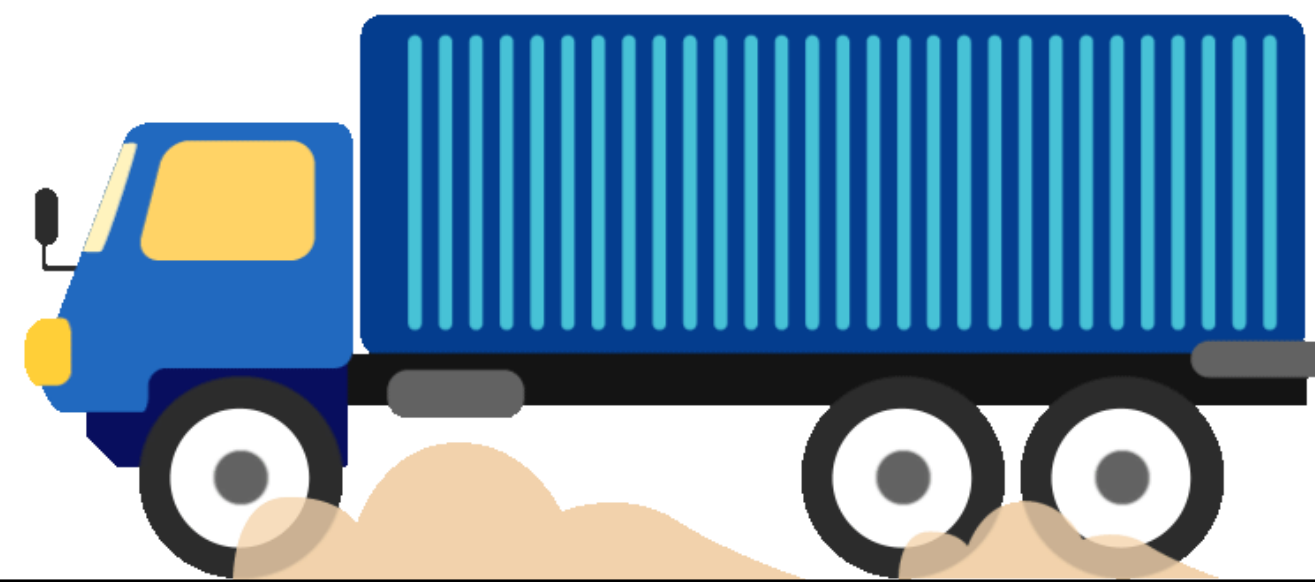


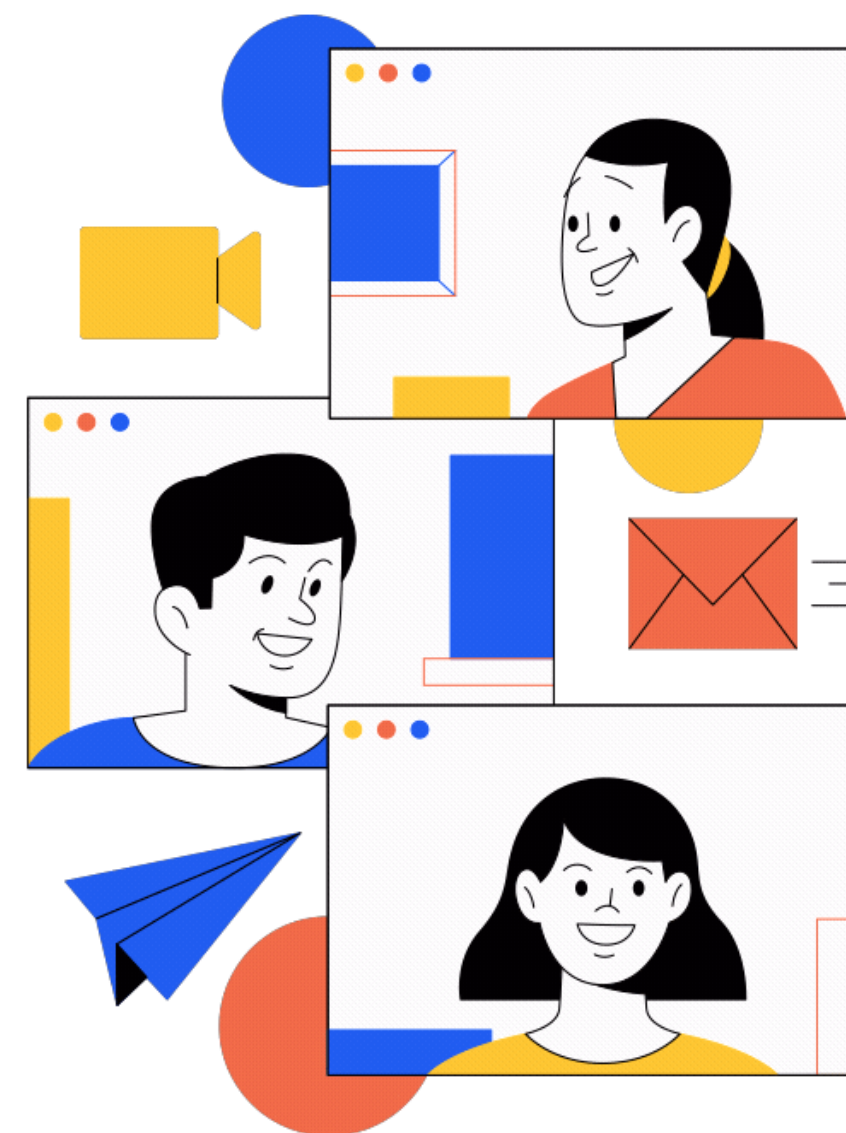
PROFIO APPLICATION

CJ Team



TEAM MEMBERS

- **Nguyễn Xuân Nhân**
- **Nguyễn Hồng Thái**
- **Hoàng Tiến Đạt**
- **Võ Thương Trường Nhon**
- **Trương Thực Vân**



PROBLEMS

1. Challenges in Logistics

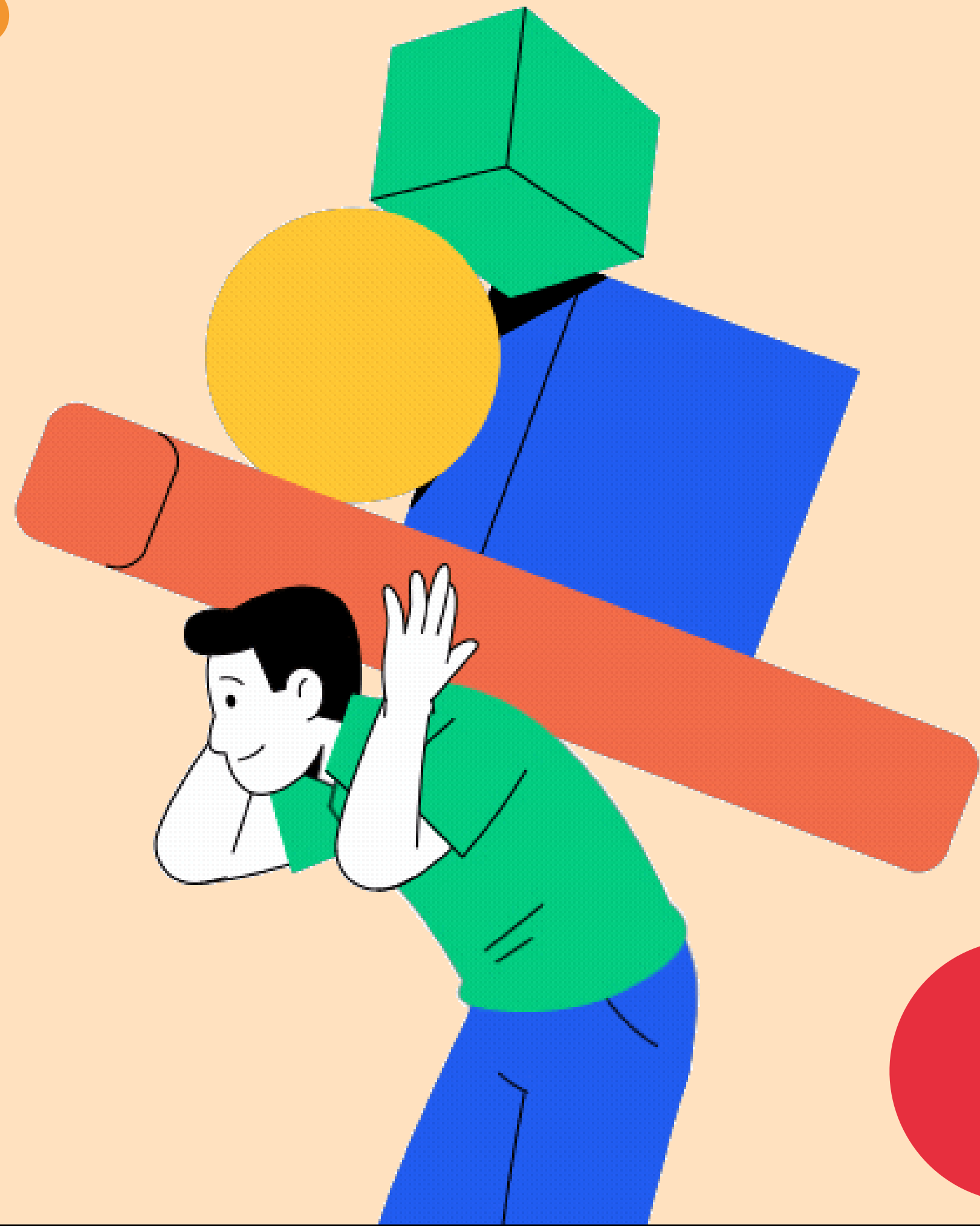
- Managing and tracking transportation of goods based on zip codes is a complex task.

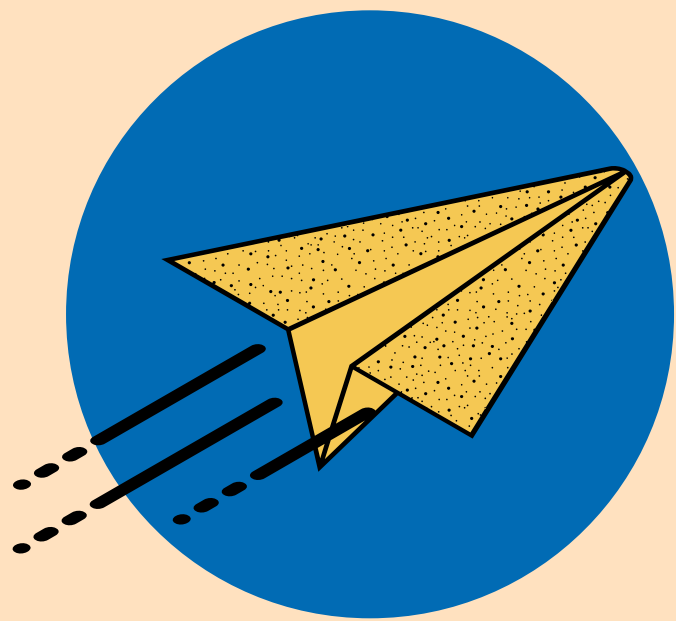
2. Inefficiency and Delays

- Delivery delays due to unforeseen circumstances like hub issues or roadblocks.

3. Lack of Real-time

- Limited visibility into the current location and status of shipments.





SOLUTION

1. Customer Updates

- Provide accurate and timely delivery status notifications

2. Incident Management

- Notify and update all hub active
- Record hub or vehicle incidents for quick resolutions

3. Real-time

- Tracking vehicle locations across Viet Nam by Google maps
- Determine the shortest path



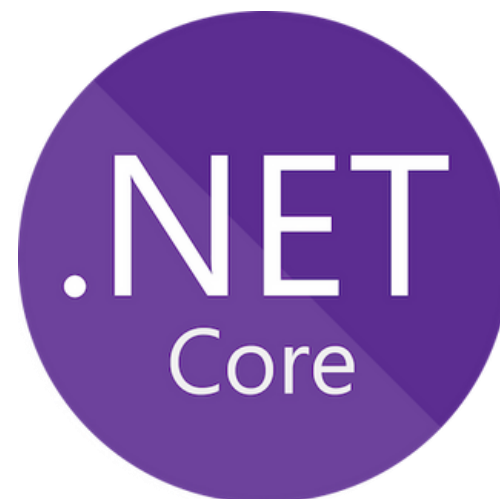
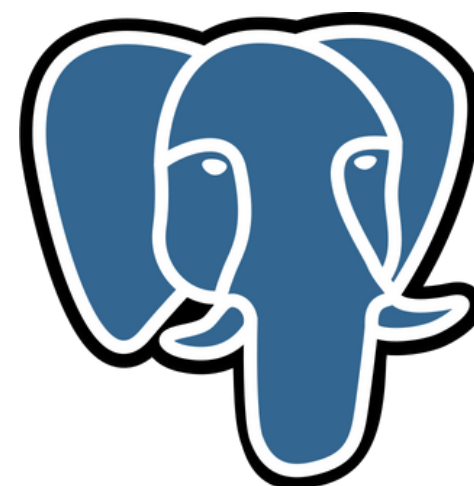
INTRODUCTION

- **Profio App**

ProfIO is not just a tracking system, it's a real-time solution that integrates with Google Maps to provide accurate and up-to-the-minute tracking of vehicles including motorbikes, vans, and trucks

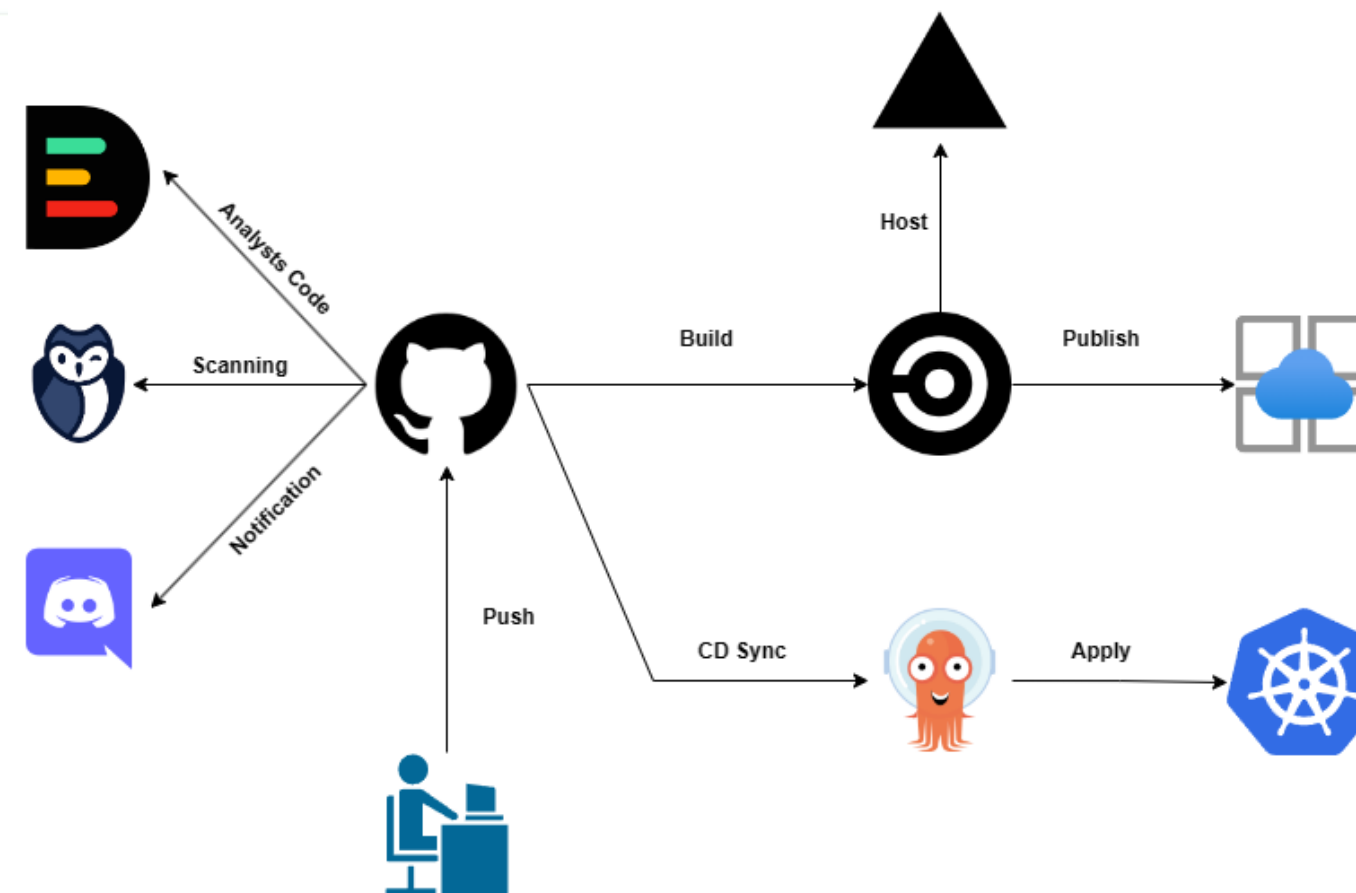
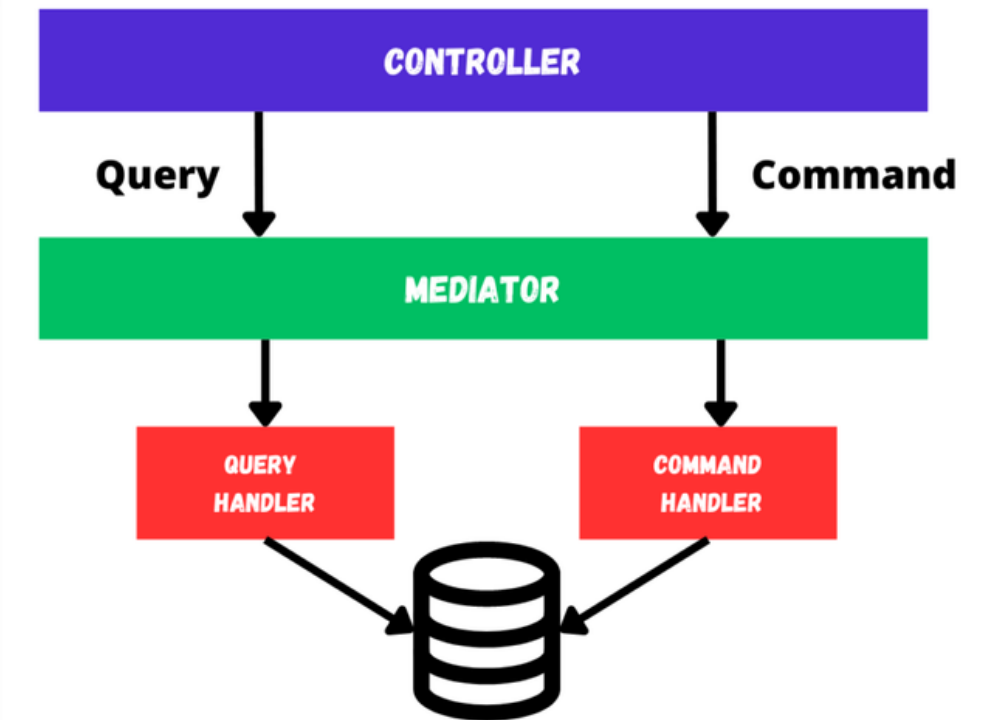
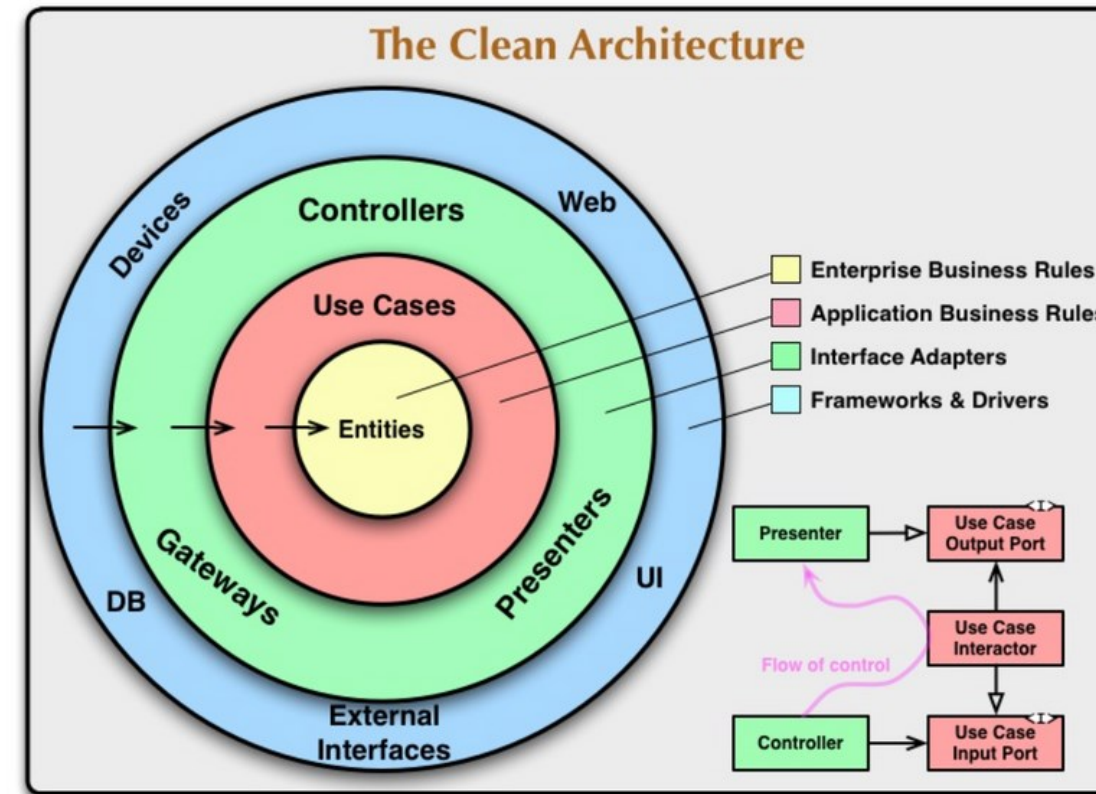
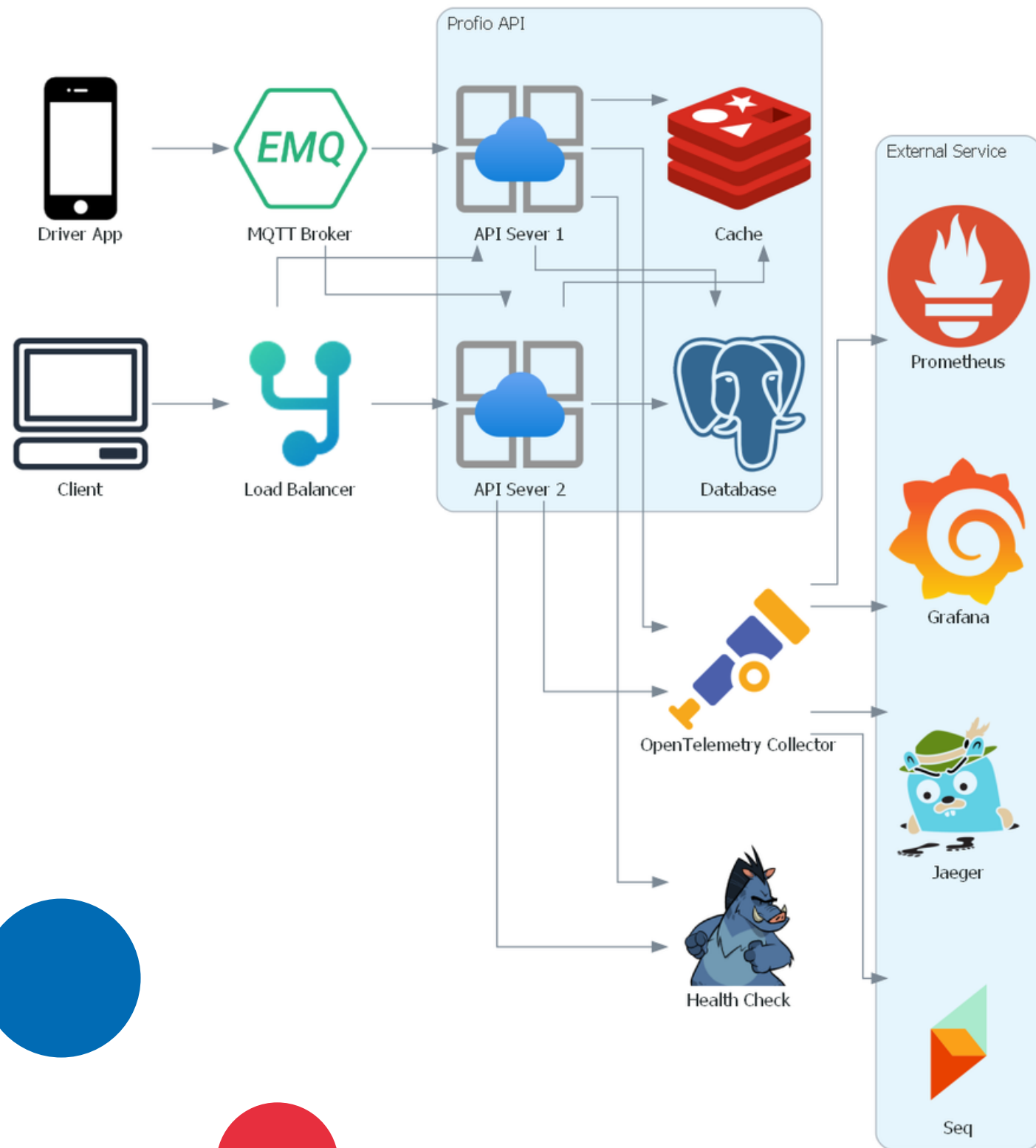


TECHNICAL STACK



EMQX

SYSTEM ARCHITECTURE



DEVELOPMENT DIRECTIONS



Incident Management

- Incorporate a comprehensive system to manage incidents.
- Handle incidents that may affect hubs effectively.
- Minimize disruption to the delivery process during incidents.
- Maintain high efficiency of services even when incidents occur.

Integration of IoT Devices

- Pursue continuous innovation by integrating Internet of Things (IoT) devices.
- Enhance real-time tracking capabilities with IoT technology.
- Provide more precise and timely data for improved reliability.



DEMO

**THANK
YOU!**

CJ Team

