BlablaMove - Oral defense 🚕

Billing Variant

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1.
CHANGES IMPOSED BY THE CLIENT
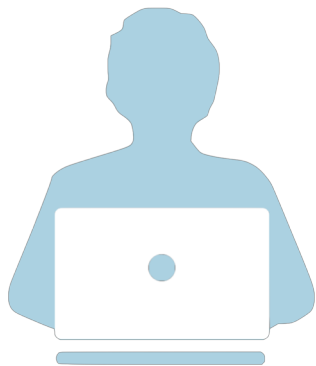
Changes imposed by the client

- Hackers are trying to destroy BlablaMove's billing !

- Need to secure the system

- Ensure data consistency

- Ensure that the transactions are successfully completed

2.
REALISATION

Realisation

Users

Billing

Offers

Roads

Integrity

Web Service

Focus on Integrity

- Journaling System

- DDOS Prevention

- Exception System

- Transactional Database

Focus on the new database

- From NoSQL to SQL

- Limited impact on the architecture

- Transactional handling
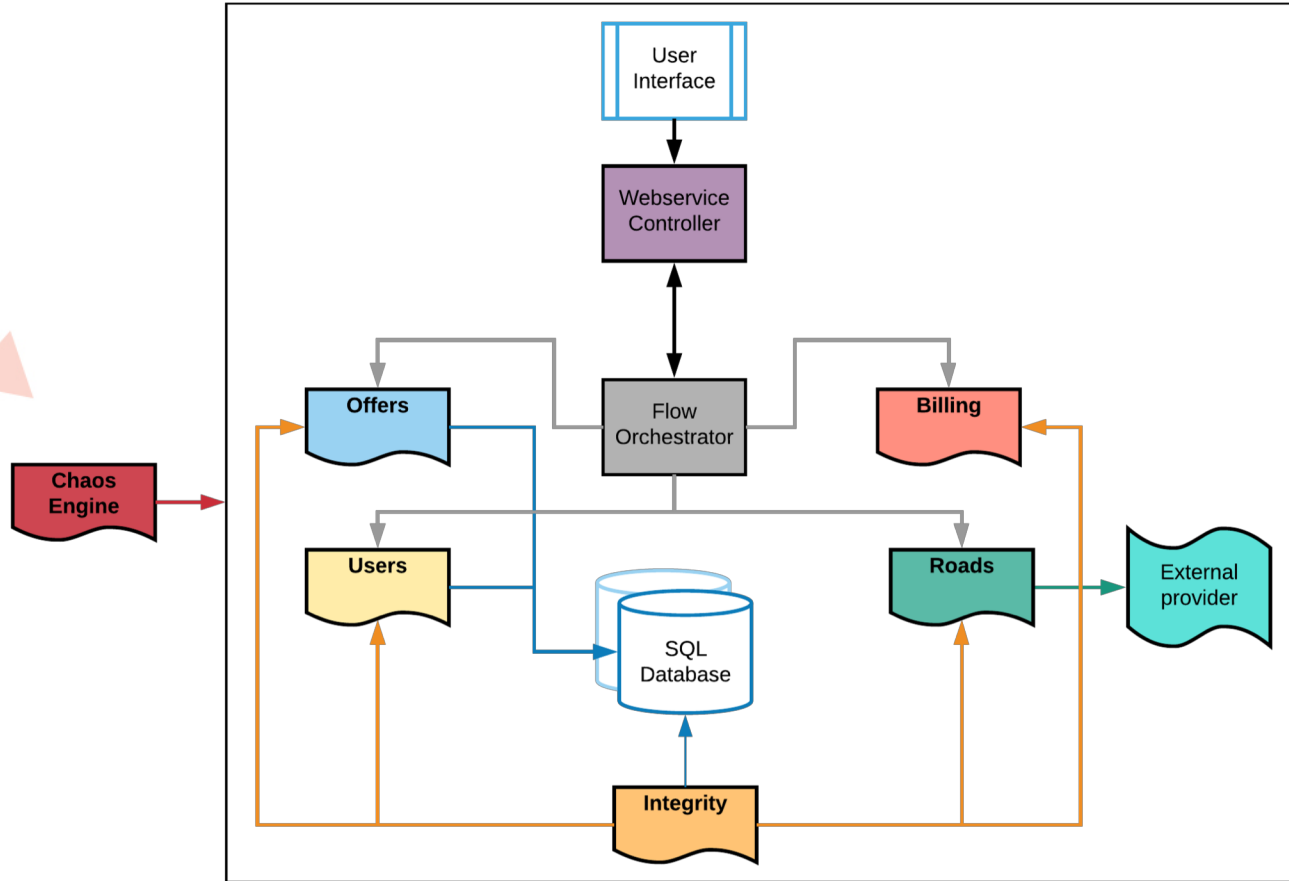
- Ensure data consistency

3.
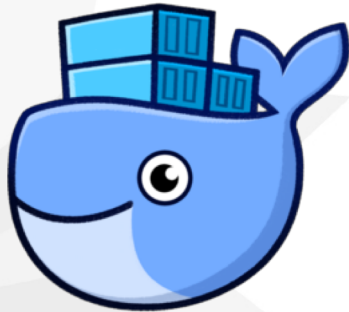# ARCHITECTURE OVERVIEW

Architecture Overview

4.
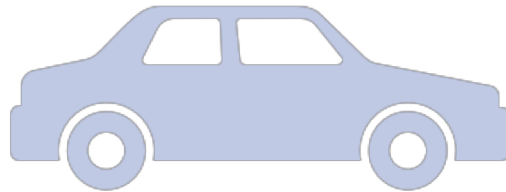# TECHNOLOGICAL CHOICES
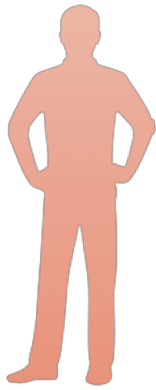
Technological Choices

- Java – Springboot
- MySQL Database
- phpMyAdmin
- NodeJS
- Docker

5.
LIVE
DEMO

6.
PLANNING VS RESULTS

Planning vs Results

Initial objectives

o Database update

o Consolidate system

o Database failure use case

o Billing improvement

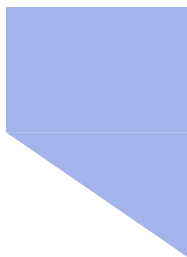o Additional use cases focused on Billing

Results

7.
WORK DISTRIBUTION

Work Distribution

Rudy
o UI
o Billing improvement
o Chaos Component

Xavier
o Chaos Component
o Database update
o NodeJS Server
o Master/Slave DB

Damien
o Journaling System
o DDOS Prevention
o Exception System

Amandine
o Identification
o DDOS Prevention
o Mailing

THANK YOU !