



Trumpsentimeter



Software Architecture Document
Group 12: Amey, Joey and Siebert

Languages



Front-end:

AngularJS 2, Material Pro, JSON, HTML, CSS, Javascript.

Back-end

Laravel PHP, JSON, Python for sentimental analysis

Databases

2x MongoDB, 2x Redis Cache, 2x MySQL database

Other

Nginx, Node JS, Docker, php-fpm 7.0, Websocket, apache

Requirements



- Multi-tier architecture
- Single page application
- Program should run on docker
- 1x noSQL database
- Testing
- Docker containers for running your application

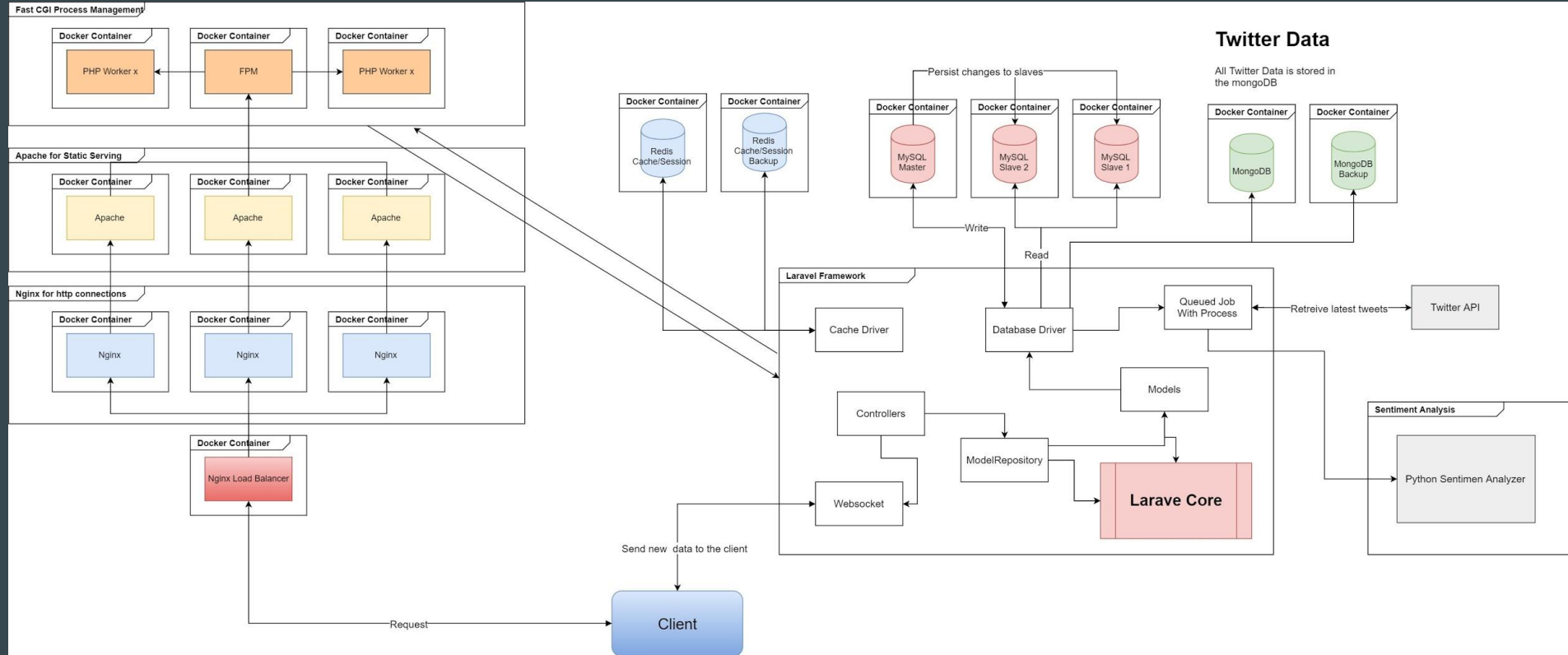
Goal

The goal of this project is a website where sentiment of the reactions to Trump his tweet can be watched in real-time.

The website shows an overview of Trump's tweets, with the sentiment (based of public tweets)

- History of sentiment
- Real-time sentiment updates

Architecture



Workload



Joey:

Main back-end developer, assisting Front-end

Siebert

Main Front-end developer, assisting Back-end

Amey:

Sentimental analysis, Back-end