PointMap

A Geospatial Mapping Tool

Admin Dashboard - Analytics: Developer Docs

Document Drafted By:

Team Name   NightWatch

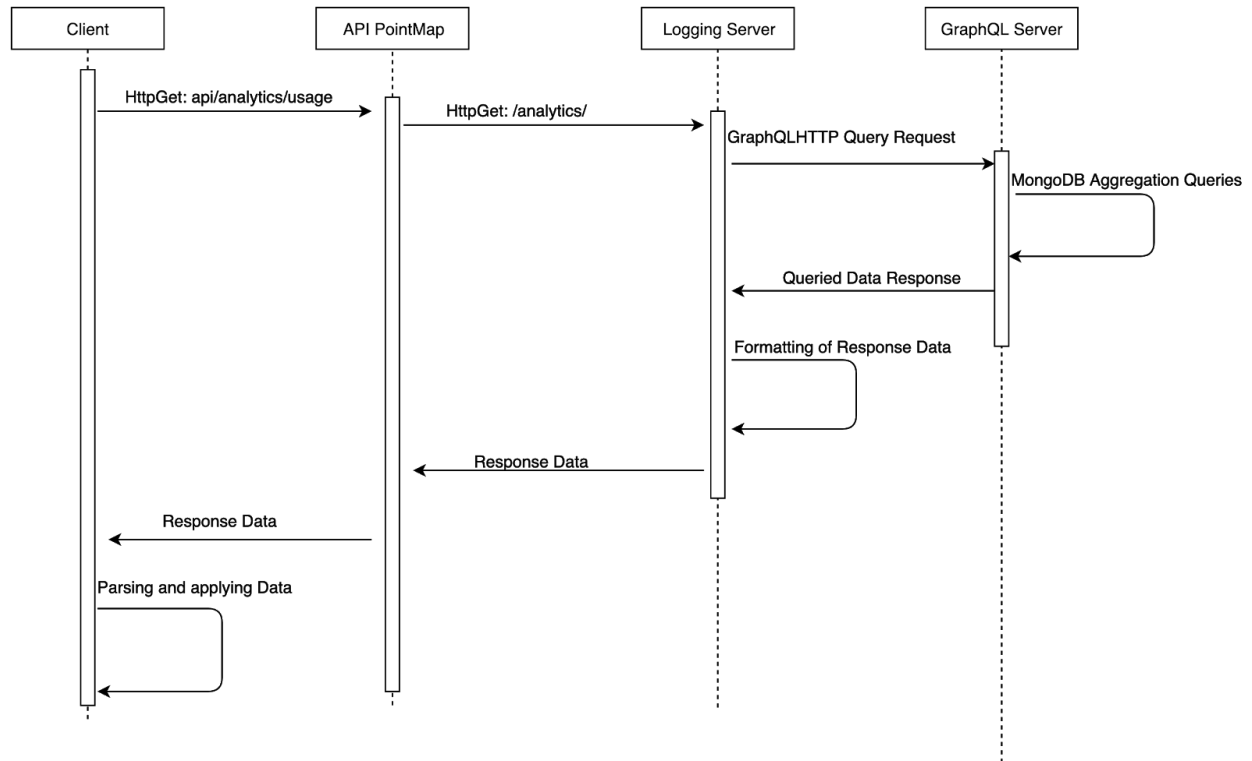Alfredo Vargas   014270722

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Introduction

Admin Dashboard provides several features to an administrator of this application. For this documentation, the flow and the design of the Analytics feature of Admin Dashboard will be documented.

Design

Architecture

API

RESTful API's following the REST web service architecture.

API.PointMap.Net/ Route

HTTPS GET /api/analytics/usage

Required Fields
- Header: 'token'

Return Type
- JSON Object

Notes
- HTTP Requests are upgraded to HTTPS

julianjp.com/logging

HTTPS GET /analytics/

Required Fields
- None

Return Type
- JSON Object

Notes
- HTTP Requests are upgraded to HTTPS

Technology

Backend

- .NET 4.6.2
- ASP.NET Web API 2
- Entity Framework 6
- MS SQL Server

Frontend

- Vue
- Axios
- Vuetify
- Vue-ChartsJS

Hosting

- AWS EC2 Instance
    - Windows Server 2016
    - Microsoft IIS 10.0
- AWS RDS Instance
    - MS SQL Server
- AWS Route53

Logging

- MongoDB
- GraphQL
- Mongoose