Sales Team Manager

Design Document

Brian Abbott, September, 2024

Overview

Development Phases:

* Phase 1 (Initial MVP):
  + Reading in Sales Data
  + Storing read data in memory to an object model,
  + Providing a non-secure Web API endpoint congruent with Microservices Design Principles (containerization) to
  + Enabling a user to issue (perhaps via graph-ql, the primary query operations requested by the business Unit.
    - The median Unit Cost
    - The most common Region
      * The first and last Order Date and the days between them
      * The total revenue
* Phase 2, Enterprise Wide Product Use Cases:
  + Web Presentation Layer via Blazor
  + Animated Charting
  + Mixed-Org Visually Delineated Query Requests
  + Enterprise/Carrier Grade Identity based Authentication and Data-Node Authorization
* Phase 3, Multi-Tenant Cloud-based indefinite Scaling
  + 100% Statistically Redistributed Compute and Storage based on use and demand:
    - Kubernetes Execution
    - NoSQL Dynamically expanding cloud based storage