

Voltrics

Data Analytics & Operational Management Platform - Visual Dashboard for Business Intelligence

PROJECT OVERVIEW

Voltrics adalah platform web aplikasi analisis dan manajemen operasional yang dirancang untuk menampilkan data bisnis secara visual melalui grafik dan dashboard interaktif. Sistem ini membantu perusahaan dalam memantau kinerja operasional, menganalisis tren data, dan membuat keputusan berbasis data secara real-time. Dengan visualisasi data yang intuitif, pengguna dapat dengan mudah memahami metrik penting, melacak KPI, dan mengidentifikasi peluang untuk optimasi bisnis.

KEY FEATURES

- Interactive Charts**
Visualisasi data dengan grafik dinamis
- KPI Tracking**
Monitoring indikator kinerja utama

- Analytics Dashboard**
Dashboard analitik real-time
- Report Generation**
Generate laporan operasional

TECH STACK

- Golang Backend
- Nuxt.js Frontend
- MySQL Database
- Tailwind CSS Styling
- Chart.js Visualization
- REST API Integration
- TypeScript Programming

SYSTEM ARCHITECTURE



SCREENSHOTS

The screenshots demonstrate the Voltrics platform's interface across different modules:

- Main Dashboard:** Shows a summary of performance metrics, including a bar chart for 'ITB Kelas' and a circular progress bar for 'Gaji Bulan'.
- Analytics Settings View:** Displays various configuration options for data sources and processing.
- Report Overview Jaringan:** Shows a summary of network-related metrics like pending tasks and total members.
- PDKB Gardu Induk:** Provides a detailed overview of power distribution unit (PDKB) data, including counts for pending and completed tasks, and a table of internal reports.
- Report Overview Gardu Induk:** Similar to the PDKB view, it focuses on specific data points for Gardu Induk units.
- Visual Analytics Dashboard:** A central dashboard for monitoring and analyzing PDKB work performance in real-time.
- Login Page:** The user authentication interface for signing in to the Voltrics system.