Garage Management System - Data Analytics with Tableau

Project Title: Garage Management System - Data Analytics with Tableau

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Project Overview:

This project involves the design and implementation of a Garage Management System with a focus on data analytics using Tableau. The goal is to provide insights into various operational aspects of a garage, including vehicle servicing, inventory management, customer interactions, and revenue trends.

Key Features:

- Dashboard visualizations for key performance indicators (KPIs)

- Service request tracking and management analytics

- Inventory and stock-level monitoring

- Customer visit frequency and feedback analysis

- Revenue generation insights by service type

Technologies Used:

- Tableau for data visualization

- Excel/CSV for data handling and input

- Optional integration with SQL databases for large datasets

Usage Instructions:

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1. Launch Tableau and connect to the data source (Excel or CSV file).

2. Open the provided Tableau Workbook (.twb or .twbx).

3. Explore the dashboards to gain insights from various garage operations.

4. Customize filters and parameters to refine data views.

Future Enhancements:

- Integration with real-time data from IoT-enabled service bays

- Predictive analytics for vehicle servicing and part replacement

- Enhanced reporting and notification systems

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