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**CAR DASHBOARD SUBSCRIPTION**

Github: <https://github.com/tienphuckx/car-dashboard-subscription>

**Overview**

This project involves developing a real-time car dashboard using the **Qt Framework**. The dashboard displays key metrics such as speed, fuel level, gear position, temperature, humidity, and time. Data is collected from the car using an **ESP32** microcontroller with a **DHT11 sensor**, and other sensors, then sent to a **Linux-based server** powered by **PHP** and **MariaDB** for storage and processing. The dashboard pulls this data from the server and updates in real-time, while the ESP32 also controls a **LED display** for local feedback within the vehicle.

**Design**