

# **RESTFUL API IMPLEMENTATION ON DASHBOARD VEHICLE SERVICE SYSTEM**

**(Case Study of PT. Graha Rajasa (Denso) Yogyakarta)**

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## **ABSTRACT**

*PT. Graha Rajasa (Denso) is a company engaged in spare parts for four or more wheeled vehicles. PT. Graha Rajasa (Denso) provides automotive components in Indonesia and supplies to manufacturers of two-wheeled and four-wheeled vehicles. PT. Graha Rajasa (Denso) serves repairs to vehicles with a sustainable system, so it has customers who will return for service at a certain time. some things about data archiving services that are still done conventionally or still use handwriting on paper so they don't have a good storage system. This makes it difficult for the head of the workshop to find service data that will continue maintenance for the vehicle, because the data has been stored for quite a long time and has been piled up by new customer maintenance data. Based on these problems, a system will be designed to manage existing data such as service data, customer data, vehicle data, spare parts data, and transaction data, by implementing a RESTful API on the vehicle service system dashboard which aims to facilitate the process of data management and customer storage. existing in the company. This system will be designed with a focus on RESTful API integration for the management of the vehicle service system that will be created, with the use of web for admins and employees and mobile android for customers.*

**Keywords:** *Service System, PT. Graha Rajasa (Denso), RESTful API, Dashboard*