

# **MANAGEMENT SYSTEM DESIGN CAR RENTAL USING PAYMENT GATEWAY**

**MUHAMAD TAUFIK**

*Informatics Study Program, Faculty of Science & Technology  
University of Technology Yogyakarta  
Jl. Ringroad Utara Jombor Sleman Yogyakarta  
E-mail : [mhdtaufik06d@gmail.com](mailto:mhdtaufik06d@gmail.com)*

## **ABSTRACT**

*The service system in a company greatly determines the quality of the company. Hai Travel Yogyakarta is one of the car rental service businesses in the city of Yogyakarta. This business is engaged in leasing transportation, especially cars. At Hai Travel Yogyakarta, they provide car rental services at a rate per day or even per month. By using services that have not been systematic, Hai Travel Yogyakarta has difficulty in managing rental data. The process that occurs in the implementation of renting a car at Hai Travel Yogyakarta with the tenant by telephone in notifying the information of the payment system, type of car and the system of fines to the tenant. From this process there are problems in managing the rental system. With the problems experienced by Hai Travel Yogyakarta, by designing a car rental management system using a payment gateway, it can make it easier for owners to manage rentals, fine rates, types of cars and payment systems. Meanwhile, users who want to rent can see the type of car along with the price details based on the website. By using data collection methods used are observation, interviews, literature study methods. In making this system using PHP as a scripting language used to create website pages and the CodeIgniter Framework produces a neat programming structure, both in terms of code and the structure of the php file. MySQL as a storage database and Midtrans Payment Gateway as a payment method for customers. This car rental service can use the services of a driver who is an addition to the service or it can also be without using the services of a driver. By designing a car rental management system using a payment gateway, it can make it easier for customers to make car rentals at Hai Travel Yogyakarta in a systematic and guaranteed way in making transactions.*

**Keywords:** Car Rental, Management, Website.