

DESIGN AND BUILD A WEB-BASED CAR RENTAL SYSTEM

(Case Study: Mulia Rent Car Jogja)

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ABSTRACT

Mulia Rent Car Jogja is a car rental service provider located in Sleman Regency. In processing car rental, payment transactions still use a manual system so that there are obstacles experienced by the admin when checking payment transactions made by customers by checking bank account mutations, which is inefficient for admin performance. The authors make a car rental system where the system is integrated with a payment gateway so that all transactions can be stored on the system and simplify the transaction process at Mulia Rent Car Jogja. The payment gateway used is Midtrans by using the SNAP method. Car Rental System made using the concept of Model View Controller (MVC) with the Laravel Framework, the PHP programming language (Hypertext Preprocessor), MySQL as a database server, and UML (Unified Modeling Language) as a tool for making system designs. The results achieved from this system is that it can handle car renting online, provide car rental information, handle car renting payments using payment gateways, and print transaction reports.

Keywords: *Car Rental System, Laravel Framework, Midtrans, Payment Gateway.*