

## ABSTRACT

*Rental Motor is a type of motorcycle rental business where the management of operations includes transactions, bookings, management of consumer data. Motor rental efforts that are often found in managing operational data are still stored in the form of archived documents excel files and in the form of hard copies (paper) where the method is considered less effective. Therefore, through the design and manufacture of information system management of motor vehicle rental is expected to be able to meet the needs of motor rental business services in order to be computerized properly.*

*The system of motor vehicle rental information on this research is web based and has several features including motor data management, management of consumer data (client), rental transaction, return transaction and transaction history. The application system has also been equipped with vehicle tracking feature through Internet of Things technology so that the organizer can perform monitoring of the vehicle that is being rented by displaying the position of the vehicle on the existing gmap.*

*on testing analysis of this information system has been obtained some testing parameters such as delay value of 260 ms, Performance = 76, Accessibility = 83, Best Practices 85. Based on the results of the benefit test that has been carried out results with a very high category of 76%-100% by using the Likert scale.*

**Keywords:** *Motor vehicle rental, information systems, lending, returns.*