

## ABSTRACT

### ***Application of Analytical Hierarchy Process Algorithm on Web-Based Car Rental Applications***

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*The car rental business is a very promising business. Improper pricing can be one of the factors that customers are reluctant to rent or make transactions with tenants. Therefore, the tenant is required to build a system that can determine the price of car rental. With the construction of this system, it can assist tenants in making decisions in determining car rental prices. In this car rental pricing system using the AHP Algorithm using five variables, namely: type of car, car brand, length of rental, year and price. With these five variables will help tenants in determining the rental price with the appropriate criteria. From the results of this study is a web-based car rental application by applying the AHP algorithm in determining car rental prices which was built using the PHP and Mysql programming languages as the Database Management System*

**.Keywords:** *Apps, Rental, AHP, PHP, Mysql.*

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