ABSTRACT

Car rental business is a business in the transportation sector that is currently developing, many companies or business entities that promote these products through websites and various social media, but only focus on one company so that in accordance with the Car Rental application is trying to improve general applications This means that anyone can provide a car for rent. Original Cars will be the center of an Android-based information system for the mobile community that is flexible and flexible because of its effective use without spending a lot of time. The public will see many features and menus from applications that support and connect with people who want to make a car rental. In the application available facilities consist of Profile, Car Register, Order menu, Payment and many more functions to fulfill information. And in car rentals, there is GPS tracking on a car that is expected to reduce what is expected. The design of this application uses Waterfall with several stages, namely: Requirement Analysis, System Design, Code Writing Program, Testing Program, and Application and Maintenance Program. Testing this application has been done with a case study that the entire community can help and get results 98.6% of the public are very interested in using this application. The output of this application information system can provide relevant and up-to-date information for the whole wider community.

Kata Kunci : **Car Rental, Android, GPS tracking**