

ABSTRACT

By this time had many emerging vehicle rental companies. It happened because of the need for very high vehicle as well as the lack of ability of people to buy a private vehicle. However, most of the vehicle rental companies are still using offline methods in terms of booking and offer the vehicle to the customer, which is by phone, short message service or customers come to the location of the rental place. Of Course it is not very effective and it will take a lot of time. The difficulty increases when the customer does not have information about the provider. Customer should ask from one place to another to get information. On the other side, a provider sometimes find it difficult to promote their vehicles, vehicle service scheduling, as well as documenting the company's income and expense statement.

To solve those problems, founded a mobile application that can facilitate service providers and customers in performing rental activities and get information about the providers. This mobile applicaton that implements the concept of crowdsourcing is the development of the concept of outsourcing in which the content of these applications come from (the crowd). By applying the concept of crowdsourcing, a provider are able to make a promotion about their company. On the other side of the costumer, this application can facilitate in terms of getting more information about a provider.

The design or development of this mobile application using agile development extreme programming methods. There are 4 stages or phases consist in that methods which are exploration, planning, iteration to release a mobile and productionizing. This application was built by using the Java programming language with the android platform.

the results of this research is the crowdsourcing mobile application for vehicles rent, which can help providers in promoting their own vehicle, reminder of servicing schedule periodic (notification) vehicles, as well as assist in seeing the financial statements of the company's income and expenses. While for the customers,

this application can help them in terms of getting information about a provider and check the availability of the vehicle without having to go to the place.

Keyword : *crowdsourcing, mobile application, vehicle rent.*