ABSTRACT

Currently, the amount of vehicle rental companies are grow up. But from a large part of this companies are still using conventional methods in terms of vehicle reservation such as via telephone, sms or directly. When the customer want to seeing and comparing the availability of vehicles on one company with other companies, customer will take a lot of cost and time. Therefore, it's ineffective and making it difficult for customers. On the other hand, the company found many difficulties in terms of assets documentation such as service scheduling, instalments scheduling and financial reporting.

To handle this problems, therefore this web application are built to facilitate the customer and companies in order to vehicle reservation's activity. This web application using crowdsourcing concepts. This concept are development of outsourcing where crowd needed to provide solutions of the problems. The implementation of crowdsourcing on this web application serves to provide opportunities for companies to promote the companies and customer to access and get the information easily.

This web application uses extreme programming methods. This methods are include 4 phases, there are exploration, planning, iteration to release and productionizing. This web application are built using PHP Programming language and Codeigniter framework.

The result of this research is web application by implementing the crowdsourcing concept. The features on the web application will help the customer in obtaining information of the vehicle's availability without coming directly, meanwhile for the companies are facilitating in the promotion of a vehicle, vehicle maintenance notification regularly, assets reporting , income and outcome reporting.

Keyword : crowdsourcing, codeigniter, php