

ABSTRACT

Department of Transportation Sukabumi City is one of the government institutions engaged in the management of facilities or infrastructure, access roads and everything else related to the road or traffic. Some of the activities of the Department of Transportation Sukabumi City are data collection, storage and presentation of information on the state of infrastructure improvement and traffic are scattered in Sukabumi City. Field officer must check one by one the state of infrastructures which are spread throughout the Sukabumi City use the form to determine the traffic infrastructure were damaged. In addition, the general public difficult to make a complaint of traffic infrastructure damages. Based on the existing problems, the authors build a final project entitled "Traffic Infrastructure Application in Sukabumi City Web based and Android (Case Study Department of Transportation Sukabumi City)".

This application using CodeIgniter framework and database MySQL. The method used is the prototype method and tested by using method of Black Box Testing.

After testing, the built-in application can be accessed online. Employees as an admin can manage data categories, the data infrastructure, and data destruction. Field officer can manage data destruction. Heads of departments can manage data categories, data infrastructure, and damage. While people can only report data and infrastructure damage.

Keywords: Traffic Infrastructure, Applications.