

ABSTRACT

ANDROID-BASED GEOGRAPHIC INFORMATION SYSTEM (GIS) OF HEALTH FACILITIES IN SOUTH BENGKULU REGENCY

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Geographic Information System is one of the information management systems whose development is very fast along with the increasing development of human intelligence. In its development, the things needed to develop a Geographic Information System are data and information. Geographic Information Systems are very important for the development of an area. One of them is a Geographic Information System about the location of health facilities in South Bengkulu Regency. The presence of a Geographic Information System is expected to provide convenience to people who need information about the location of health facilities in South Bengkulu Regency. In this study, an application was developed by implementing a Geographic Information System that is able to display a map of the location of health facilities with the help of Google Map Api, and also the basis of this application there are two types, namely Web and Android. This Geographic Information System is divided into 2 parts of the application, namely web-based applications and android-based applications. For data processing using web applications, while to get information about the location of health facilities can use android applications. Based on the results of tests that have been carried out, with black box testing, it is found that the Android application successfully displays the automatic location point of health facilities along with information and routes.

Keywords: *Geographic Information System, Android, Location of Health Facilities, South Bengkulu Regency.*

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