

ABSTRACT

Development of data communications technology in the modern world increasingly and diverse as the gadget we used. One of the most popular currently is Android-based smart phone. There are many applications can be used for everybody with this gadgets. That why, the Android-based smart phones are very effective and efficient way to disseminate information.

The final project will address how to design a weather information service application by using Geographic Information System (GIS) for Android-based gadget. GIS will be used as a medium of information that indicate the location or position of the user. In addition, it will be included in the GIS attribute information of the weather. Service applications for Android-based weather information will be used as a medium of information through a smart phone that can be accessed by the user. By using a smart phone users can easily access information in mobile and up to date.

The result in this final project is to produce an information service that combines GIS with weather information that has the capability of mobile, accurate, and up to date. Evidently from some tests performed on this application. such as MOS (*Mean Opinion Score*), the application get 4.13 point (scale of 5). On the other hand, the respondents want to use this application.

Keyword : Smart Phone, Android, Geographic Information System, mobile, and up to date.