

ABSTRACTION

The development of communication in modernization is now growing rapidly, this fact is evidenced by the development of various types of smartphones made by the leading mobile vendors in the world. The availability of mobile devices, development environments and mapping enables the development of mobile GIS applications in the work world. In designing this application using android operating system which is one of the most popular mobile phone operating system is currently combined with google maps which is a web service virtual map web-based provided by Google. The design of this application using OOSE (Object Oriented Software Engineering). The result of the design of this application is a geographical application information system (GIS) based on mobile which has platform or operating system android. After completing the implementation of the Application of Android-Based Geographic Information System Mapping of Doctor's Locale of Public Practice in Pangkalpinang City area, it is concluded that the application has been built with a list of Doctors General Practices, a list of Doctors General Practice locations, maps and so on to facilitate users to access related information with titles that researchers make.

Keywords: Android, GIS mobile apps, Google Maps