

## **ABSTRACT**

*Palembang is the capital of South Sumatra province is a region that is and will continue to experience rapid development in various fields, especially in the health field in this case is the hospital. It makes a lot of difficulties in Palembang residents know the location of hospitals spread across the city of Palembang. Thus, it is necessary an information system that serves as a guide and to facilitate the citizens to know the location and information Palembang hospital in Palembang.*

*So one of the ways that will be applied by the researchers in providing solutions for the residents of Palembang is to implement "Application of Geographic Information System Hospital in Palembang". This application can display a map of the city of Palembang and the hospital route. In making this application, researchers used the waterfall model of system development methodologies, as well as the programming language PHP and the database is MySQL.*

*This application is expected to help citizens, especially the Palembang in searching the location of hospitals and hospital profile information easily, precisely and quickly.*

***Keywords: Applications, Geographic Information Systems, Hospital.***