

ABSTRACT

Palembang is the capital of South Sumatera Province which is an area that was and continues to experience growth. Educational aspect is very important in a society in which the education level of resource that people can evolve and progress, in this case is the High School (SMA) State. This makes the residents of Palembang difficulty in knowing the location and information about high schools in the city of Palembang. Thus, it is needed a system that serves to facilitate Palembang residents to know the location and information about SMA in Palembang.

So one of the ways will be applied to provide solutions to the residents of Palembang is by applying "This application can give information, ask questions Palembang and information layout and high schools in the city of Palembang. Making this application, using the waterfall model of system development methodologies, software development UML (Unified Modeling Language), as well as the PHP programming language and MySQL database.

The end result of this research is a geographic information system that presents information such as the location of SMA Negeri in Palembang along with its facilities.

Keywords : Geographic Information Systems, SMA, UML, PHP, My SQL.