ABSTRACT

Tourism is one of important icon to income our country devisa. Semarang Tourism is one of the important icons in the foreign exchange earnings of the country. Semarang as one of the cities in Indonesia and the capital of Central Java province has tremendous appeal as a tourism area. However, the lack of government attention and info layout tourist area resulting in a lack of the number of tourists who came to Semarang. Seeing this condition, there is an idea to create an application Semarang tourism information digitally, with one goal in order to facilitate the tourists when it comes to the city of Semarang.

In this thesis, the application of tourist information will be made based on Android. Selection of the Android operating system is due to the current Android OS is growing rapidly and began many mobile phone vendors are starting to use Android as the operating system. In making this program the programming language used is Java programming language.

This application is designed using Java Eclipse with the help of Android SDK as executor. Based on testing, this application has a RAM capacity 2,58 Mb, the different time response for EDGE networks are hotel menu is 38,13275 s, resto menu is 20,418 s, tourism menu is 22,4246 s, and transport menu is 18,513 s while HSDPA networks are hotel menu is 12,0135 s, resto menu is 7,28815 s, tourism menu is 8,0479 s, and transport menu is 6,3864 s and also this application has less than 6s start time execution. Tourism geographic information system for Semarang City is created to help the tourists who will come to Semarang and eventually may help increase devisa of Semarang city in terms of tourism.

Key words : android, informasi pariwisata, semarang, smartphone