

ABSTRACT

Persons with visual impairments are someone who has a disorder or obstacle in their vision. Based on data from a solo compass, mentioning that there are as many as 3.5 million blind people in Indonesia. Blind people have difficulty in carrying out daily mobility, for example, to travel to a place because of their lack of vision. Nowadays gadgets that use android applications are easy to use for everyone without exception blind people but lack of android applications that are easily used by blind people to checking the location makes it difficult for them to travel mobility to a place. An android application that is easy to use and can show the location by using sound is a dream for blind people to facilitate their daily mobility. From the above problems, the indoor room detection system for Bluetooth-based blind people was created. This tool detects and shows places using a Bluetooth-based android mobile application that is connected to estimate

Keywords: Blind, Android application, estimate