

IMPLEMENTATION OF LBS METHOD IN ANDROID APPLICATION BASED AMBULANCE CALL

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Abstract

The population of Sleman is 1,318,086 people. And the death rate is very high. This search is for people who have difficulty finding ambulance assistance, that's why this application was created to facilitate helping sick people and reduce on arrival place because this app is equipped with LBS or it can also be called Location Based Services. This app also uses Firebase as data, Firebase is a form of Google that provides various data services to develop mobile apps like this one in real time, then this app is created in the Java programming language running in AndroidStudio. and this application connects journalists and medical staff directly without the need for intermediaries or other people. In addition to being able to know where the ambulance is when it arrives at the scene, the app is also designed to overcome the problem of doctors having to determine routes or search for hard-to-reach victims in the event of an emergency call. provided via mobile phone. This application was created to make calling an ambulance more comfortable and easier. The driver knows the exact location of the incident without having to search. of this incident. get a lot of information. And this application further accelerates the need to evacuate victims when they are injured or sick and need quick medical assistance. So this application is effective to use in critical situations. Current technological developments also include many innovations, so the author aims to help people use today's developing technology more easily.

Keywords: *Ambulance, Mobile application, LBS, Community.*