SISTEM PAKAR UNTUK MENDIAGNOSA PENYAKIT JANTUNG MENGGUNAKAN METODE *CERTAINTY FACTOR* BERBASIS *ANDROID*
(EXPERT SYSTEM FOR DIAGNOSE HEART DISEASE USING CERTAINTY FACTOR METHOD BASED ANDROID)

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ABSTRACT

The heart is a human body organ that has an important role in human life and is certainly very dangerous if our heart has a problem considering that many deaths are caused by heart disease. People are difficult to detect heart disease due to lack of knowledge and information, so it is impossible to know about heart disease. Therefore, it takes an application of heart disease and various illnesses. Based on the facts above, this study can help us diagnose heart disease and anticipate heart disease based on the perceived symptoms and handling and solutions. This system is made using prototype model and software used by Android Studio by using SQLite database. Then the method used is the certainty factor and the tools used in the design and analysis of the system is UML (Unified Modelling Language). In this expert system will be asked a few questions. After all the questions are answered, it will appear as a result of diagnosis along with suggestions that can help anticipate the heart disease. This application can be downloaded via playstore with Sipatung keyword.

Keywords: Expert System, Certainty Factor, Heart Disease, Android Studio