

**APLIKASI SISTEM PAKAR UNTUK MENDIAGNOSA PENYAKIT
KULIT BERBASIS ANDROID MENGGUNAKAN METODE
FORWARD CHAINING**
(*EXPERT SYSTEM APPLICATION FOR DIAGNOSE OF ANDROID LEATHER DISEASES
USING FORWARD CHAINING METHOD*)

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ABSTRACT

Skin is an important organ in humans, because through the skin we can feel the feel and the surface of an object. There are many diseases that can affect humans, one of them is skin disease. One of the causes of this disease is the bacteria that nest on the skin. But today society tends to belittle this disease. The reason is less information and knowledge about the disease, in addition they are also lazy to see a doctor Based on existing problems within the community created an application that can help people to recognize skin diseases suffered, so the level of awareness will keep the cleanliness higher. Therefore, the authors create expert systems for android-based skin diseases in order to facilitate the community in identifying the type of skin disease to be more effective and efficient. This system uses waterfall model, the software used is Android Studio by using SQLite database. Then the method used is Forward Chaining and tools used in the design and analysis system is UML (Unified Modeling Language). This expert system will produce a very useful Android app to help facilitate both expert and novice experts to identify skin disease along with the right solution

Keywords: Skin, Waterfall, Android Studio, SQLite, Forward Chaining, UML