Sistem Pakar Diagnosa Penyakit Paru–Paru Berbasis *Android* Menggunakan Metode *Forward Chaining* (Expert System for Lung Disease Diagnosis Android-Based Method Using Forward Chaining)

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ABSTRACT

Lungs is one organ that works to help people in breathing. In human lung there are some disorders or diseases include emphysema, pneumonia, lung cancer, bronchitis, tuberculosis (TB), and bronchial asthma. The lack of a sense of one's care on the health of the body is one of the causes of a person prone to lung disease. The small number of lung specialists to be one of the main factors that led to weak treatment of a patient. In addition, the distance between the doctor's surgery where the patient gentleness and work activities as well as the tight schedule of the doctor is also one of the weaknesses if we are going to consult directly with a physician or an expert. From the above problems, the expert system needs a lung disease that can work quickly and precisely. Forward Chaining method applied in an expert system for diagnosing. This expert system can help people to diagnose lung disease based on symptoms suffered.

Keywords: Forward Chaining, Lung Disease, Expert System