

***Web-Based Prolanis Patient Routine Monitoring Application at Sakinah
Kaliurang Clinic Jember***

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ABSTRACT

Prolanis is a Chronic Disease Management Program made by BPJS Kesehatan. Prolanis is a integrated system of health services and a proactive approach involving participants who suffering from diabetes melitus and hypertension for their health care. The once a month routinity of prolanis activities, are the calculation of weight, height, tension, blood sugar checks, medical and gymnastic consultations. On Sakinah's Clinic, there are 50% from 54 prolanis patients who have obesity nutritional status and the calculations are still done manually. Obesity can increase the risk of chronic diseases such as a type 2 diabetes, high blood pressure, stroke, heart attack, heart failure and cancer. The examination of health status for prolanis patients requires a continuous examination, that only done once a month, so that monitoring and evaluation activities are needed for patients. The purpose of this research is to make a web-based prolanis patient routine monitoring application that can be used to monitoring the health status of prolanis patients. This research, is a qualitative research that already have done on November 2018 - January 2019. The method that used in this research is the waterfall method. The steps are such as requirement analysis, design, coding, and testing. The unit of analysis that used in this research, the subjects of this research are the head of the clinic, doctor, registration officer and prolanis patients and the object of this research is the Sakinah's Clinic Jember. The steps of data collection are done through by interviews, documentation and brainstorming. The results of this research is a web-based prolanis patient routine monitoring application. Web-based information systems can provide information quickly, on time and accurately. This application that can be used by admins, doctors, and patients so that patients can easily control their health status.

Keywords: *Monitoring ,Prolanis, Obesity, Waterfall*