

Design and Development of an Electronic Distribution Information System and KLPCM Outpatient Medical Records (De-KLPCM) at the Bukit Wolio Indah Baubau Health Center. Niyalatul Muna, S.Kom., M.T (Supervisor)

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ABSTRACT

The management of medical records at the Bukit Wolio Indah Health Center in Baubau City is still conducted manually. The examination of the completeness of medical record entries does not comply with the existing KLPCM format, and there are no reports regarding the distribution and completeness of outpatient medical records. This research aims to design and build an Electronic Distribution System and KLPCM for outpatient medical records. The design method employs the Scrum methodology, which includes product backlog consists of analyzing the feature requirements list and creating user stories, sprint planning involves the creation of use case diagrams, activity diagrams, and class diagrams, sprint backlog includes the time estimation for system development agreed upon by the Scrum team, sprints involve the system development phase, and sprint reviews encompass system testing using the black-box method. The results of this research are an electronic distribution system and KLPCM that can streamline the distribution of medical records and check the completeness of medical record entries according to the KLPCM form, as well as process distribution data and KLPCM data into monthly reports. This will lead to a more organized medical record distribution service and improve the quality of medical records. It is recommended that the Bukit Wolio Indah Health Center establish Standard Operating Procedures (SOP) related to the completeness of medical records and electronic distribution, as well as evaluate the completeness of medical record entries at the Health Center through the output from the system to enhance the quality of medical records.

Keywords: *Distribution, KLPCM, Health Center, Scrum*