

***Design and Build of Incomplete Inpatient Medical Record Completion System
with Web-Based at Kalisat Jember Regional Hospital***
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ABSTRACT

The implementation of IMR data analysis at Kalisat Jember Hospital was still done manually. It was necessary to build an IMR system, especially in the inpatient department because the IMR system was already available in the outpatient department. The impact of applying IMR data analysis manually was that it could affect the details of the patient's medical record information when carrying out treatment at the hospital. This research aims to design and create a web-based inpatient IMR system at Kalisat Jember Hospital. The method used was the prototype method with the stages of identifying user needs, building prototypes, customizing prototypes, coding prototypes, testing the system using the Black box method, customizing the system, and using the system. The results of the test using the black box method confirm successful feature testing. The web programming language used was PHP, MySQL database, and Bootstrap template. The results of this study are in the form of an information system that can help and facilitate officers in processing IMR reports so that the results of data processing can have a good effect on hospital quality planning in the future. The advantages of this system are generating IMR reports that can show complete and incomplete patient medical records analyzed in each room, displaying IMR diagrams, incomplete email notifications to room heads, and incomplete notification pop-ups on the system.

Keywords: *Black Box, IMR, Medical Record, Prototype*