

Design and Development of a Web-based Emergency Installation Registration Information System with KIB Barcode at the Kalisat Community Health Center.
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ABSTRACT

Emergency room patient registration activities are still manual using medical record sheets. The activity of registering emergency department patients is less effective and efficient because the registration is done manually and then entered into a spreadsheet. This research aims to design and build a web-based emergency patient registration system with barcodes at the Kalisat community health center. This type of research uses the Research and development method with the Prototype system development method. The data collection techniques used were interviews, observation and documentation. The stages of the prototype system development method include analyzing user needs, creating a prototype, adapting the prototype to the user's wishes, creating a new system, testing the system, and adapting the system to the user's wishes. The result of this research is a web-based emergency patient registration system that makes it easy to register patients effectively and efficiently, which has the advantage of a barcode kib which speeds up emergency patient registration services.

Keywords: *kib barcode, prototype, registration*

