Creation of a Web-Based Outpatient Registration System at the Sabrang Health Center, Jember Regency

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ABSTRACT

The health center in Sabrang Jember Regency does not have a registration system. Due to errors in the system provided by the health department, the center is using Microsoft Excel for this purpose. A preliminary study conducted in October 2022 revealed that an average of 37 patients visit the center. However, the staff faces difficulty in locating medical records due to the manual process of searching for patients' last visit dates in Microsoft Excel. To address these challenges, it is essential to implement a registration system that streamlines the registration process at the Sabrang Health Center. The proposed solution involves Research and Development using the Prototype method, which includes identifying needs, creating prototypes, adjusting prototypes with user input, developing systems, adjusting systems with user feedback, and conducting testing. This research aims to develop a web-based outpatient registration system for the Sabrang Health Center, to simplify the work of registration officers.

Keywords: Registration, Sabrang Health Centre, Prototype