Implementation of a Web-Based Patient Service Information System
Case Study: Patuk 2 Community Health Center
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ABSTRACT

Patuk 2 Community Health Center, one of the health service centers in Patuk sub-district, is one of the health agencies that is being developed. Puskesmas is a government health service that organizes public health efforts and first-level individual health efforts. With the increase in the number of patients, several problems occurred in patient service. Registration, taking queue cards is still done manually by coming directly to the health center to register, causing long patient waiting times. Reporting by officers regarding patients seeking treatment is still done manually. This issue has been flagged as a complaint by patients as well as staff. Therefore, the author implemented a web-based patient service information system to improve Patuk 2 Community Health Center services and to determine the effectiveness of registration services and information for patients at Patuk 2 Community Health Center. The results of this research were tested using a black box by conducting tests starting from the registration form to the export of examination data. Then from the test results it produces data that is as expected and produces an information system that can make it easier for patients to register and from an agency perspective it can make it easier to archive outpatient data regarding patient registration history and patient examinations at the Patuk 2 Community Health Center.

Keywords: Community Health Center, Information System, Patients