

# **IMPLEMENTATION AND TESTING OF A WEB-BASED OUTPATIENT SERVICE INFORMATION SYSTEM**

*(Case Study: Puskesmas Parsoburan, Pematangsiantar, North Sumatra)*

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## **ABSTRACT**

*Implementation of a web-based outpatient service information system to facilitate the outpatient service process at Puskesmas Parsoburan, using the waterfall research method. This report includes background, literature study, methodology, analysis results, system design, implementation and testing. This final project research produces a system that can help outpatient services such as patient data, officer data, doctor data, registration data, medical record data, and examination data as well as solving problems in the outpatient service process by providing an outpatient service system for patients. This system has been implemented and tested using the black box testing method and User Acceptance Testing (UAT), with positive results, this system can be used as a reference for community health centers.*

**Keywords:** *Information Systems, Outpatient Services, Management, Web.*

