

## ***ABSTRACT***

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Polindes Village Garu is one form of community participation in order to provide health service delivery and help the community. There are few at Polindes Desa Garu data management, such as in order to record keeping form support medical services record keeping is still done manually. Manual record keeping also hinders the monitoring of medicine stock, and the making of a reference letter. Therefore, there is a high risk of data loss. Therefore, made of a web-based application for the management of patient data and the data of the medicine. With the development of this application, it is expected to help midwives and polindes officer performance in terms of the management of data and facilitates the automatic report generation. This application was developed using the Systems Development Life Cycle (SDLC) method using *waterfall* model and the PHP programming language and uses the CodeIgniter *framework* with MySQL *database*. The tools used to design the system used is *Flowmap*, *Use Case Diagrams*, *Mock up*, test and use *black box testing*. With this application process Medical records, making referral letters and medicine stock data can be done computerized so as to minimize the risk of data scattered and improve the quality of service in Polindes.

Key Words: Polindes, *Waterfall*, *CodeIgniter*, MySQL, *Flowmap*, *Use Case Diagram*, *Mock up*, *Black box testing*