Outpatient and Emergency Visit Mapping System Design as a Preventive Program in the Arjasa Health Center Area

Angga Rahagiyanto, S. ST., M.T (Supervisor 1)

Fahrezi Ahmad Dewanto

Study Program of Health Information Management
Majoring of Health

ABSTRACT

The Arjasa Health Center has a registration register in the form of Microsoft Excel, which causes several problems, one of which is that patient visits increase every month, which shows high service intensity, this has an impact on registration officers who find it difficult because of the large number of patients and ultimately filling in the registration register is done at the end of the service. The Arjasa Health Center does not yet have reports on the distribution of patient visits and reports of disease visits based on the area of visiting patients. This has an impact on the Arjasa Health Center's health program strategy which is not on target. This research aims to assist Arjasa Health Center staff in controlling patient visits and creating strategies to help implement the goal of the health center, namely prevention. The system design method uses the waterfall method (Sommerville). Data collection techniques use observation, interviews, and documentation. The result of this research is an information system for mapping the number of patient visits which makes it easy to fill in registration registers, find out which villages are frequently visited, and create strategies to support the health center's goals, namely prevention.

Keywords*: Information System Design, Patient Mapping, Patient Visits, Waterfall Method*