

ABSTRACT

Community Health Centers (Puskesmas) are primary healthcare facilities that serve to improve community health at the sub-district level. To support the quality of these services, effective operational activities are required. Puskesmas XYZ, one of the community health centers in Bandung City, has experienced problems with drug budget management that is not yet integrated with drug inventory. This has resulted in low budget realization and suboptimal drug availability.

This final project aims to design a real-time budget management information system that is integrated with medication inventory data. The method used in the design is Rapid Application Development (RAD), which consists of four stages. Requirement planning identifies business processes, stakeholders, and user needs. User design creates the system in the form of entity relationship diagrams, use case diagrams, sequence diagrams, and mockups. Construction builds the system according to the design. Cutover tests the system to ensure it meets user needs.

The designed system has key features, including a dashboard to display budget and inventory data summaries, order letter creation, and recording of drug receipts from the Health Department (Dinkes) or Pharmaceutical Wholesalers (PBF). This system is expected to address the issues faced by Puskesmas XYZ. Research findings indicate that the information system effectively resolves the identified issues and is highly rated based on User Acceptance Testing (UAT), with an average user satisfaction rate of 85%.

With this system, budget management and medicine inventory can be carried out more optimally. In addition, the ordering and budget recording processes are well documented because they are integrated into one system.

Keywords – Budget Management, Management Information System, Rapid Application Development