ABSTRACT

EVENT MANAGEMENT SYSTEM DESIGN FOR COMMUNITY HEALTH ACTIVITIES USING ODOO APPLICATION WITH QUICKSTART METHOD IN PUSKESMAS III DENPASAR UTARA

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Public health activities are annual activities organized by the Community Health Center (Puskesmas). Puskesmas III Denpasar Utara is a puskesmas located in an urban transition area with a large number of public health activities. In designing proposals and planning activities, Puskesmas III Denpasar Utara does not yet have an integrated system between program implementers and other fields. Data exchange, document archiving, and physical document flow are costly and time consuming without an integrated system. The design of the Enterprise Resource Planning system at Puskesmas III Denpasar Utara is the focus of the research that will be carried out. The Odoo application with the Quickstart method is considered appropriate because it has advantages and specifications that match the Puskesmas. The result of this research is to build a system in accordance with business targets, namely planning and implementation of public health activities, integration of demand for goods to warehouses, and integration into the health center website with Events Module. The system has been tested using Cross Browser, Black-box, and Stress Testing. From the test results, the system interface can be loaded properly, the maximum request per second system is achieved, and the entire system scenario is successful. This system helps program execution easily and data management to be integrated.

Keyword : Puskesmas, *Health*, ERP, *Event,* Odoo