ABSTRACT

Posyandu plays a role in supporting basic health in the community by implementing Posyandu in accordance with the stages. This study aims to update the system management process in Posyandu and use the waterfall method approach. The manual data management system at Posyandu can affect the error problem factor in the data collection process. Cadres will manage data collection on children's families at the posyandu and can create, read, update and delete (CRUD) on child data management. Family data management is carried out if the child's parents have registered or have an account on the application. The data collection process may include filling out a card for health (KMS) and a recap of child development carried out by cadres. The process of recap of child development will be recorded in the system if the child has checked at the posyandu and the cadre fills out the examination of the child. Cadres will arrange posyandu schedules for implementation and immunization lists for immunization reminders. Children will be immunized according to the stages according to the age limit. On the immunization list, cadres can find out whether the child has been immunized or not. Account management in the application is carried out by the admin so that it can create, read, update and delete (CRUD) on the application. The cadre account is created by the admin because the cadres do not register. The Posyandu Digitization Application is an application that facilitates cadres in monitoring child development and assisting cadres in the process of managing the system at Posyandu.

Keywords: Posyandu, KMS, Application, Digitalization, Management.