ABSTRACT

The advancement of information technology can enhance performance quality, provide assistance, and contribute to job performance. In the realm of healthcare, many around us have yet to fully utilize the rapid development of information technology, as seen in Posyandu at present. Posyandu requires fast, easy service and accurate data. The Posyandu App has emerged as a health application used to monitor the growth and health of toddlers at Posyandu. The aim of this research is to design the User Interface of the Posyandu App to facilitate users in monitoring the health of toddlers and to simplify data entry for the personnel. The method used in this research is Goal-Directed Design with six stages. The evaluation results indicate that the interface design based on Goal-Directed Design can enhance the application's usability and better fulfill user needs. The average score from the System Usability Scale (SUS) testing demonstrates a reasonably high level of satisfaction from respondents with a "B" scale, indicating acceptability. However, some areas for improvement are still needed to enhance user experience, particularly in terms of improving application responsiveness speed and providing more informative feedback. The outcome of this research is a highly rated user interface for the Posyandu App. Additionally, the research also found that users, including Posyandu personnel and mothers of toddlers, felt that using the application was easier and more comfortable.

Keywords: *User Interface, User Experience,* **Posyandu,** *Goal-Directed Design, SUS.*