

ABSTRACT

The process of information delivery in kindergarten (TK) environments still faces numerous challenges, particularly regarding clarity and communication efficiency between teachers and students. Survey results indicate that teachers at TK IT Little Moslem believe there is a strong need to optimize the way information is conveyed in order to enhance the learning process. This issue highlights the necessity for an integrated and user-friendly information system.

To address this problem, an Android-based application named Soundnest was developed as a communication tool for TK IT Little Moslem. The application enables teachers to play bells, music, and Qur'anic recitations (murattal), deliver announcements, schedule audio playback, and control the volume. With a user-friendly interface, the application is designed to be easy and practical for everyday use.

Testing results show that all features function as expected. Using white-box, black-box, and User Acceptance Testing (UAT) methods, the application was declared ready for implementation and effective in streamlining information delivery at TK IT Little Moslem. Furthermore, the validity and reliability tests produced excellent results, with a Cronbach's Alpha score of 0.947, indicating a very high level of reliability. Therefore, Soundnest can serve as an alternative solution to improve the effectiveness of communication and support a more efficient learning environment.

Keywords: Android application, information delivery, TK IT Little Moslem, Soundnest