ABSTRACT

Gereja Bethel Injil Sepenuh (GBIS) Solafide Boyolali *is a church based in* Boyolali *that has been operating since* 1950*. The church faces challenges in managing congregation data and disseminating information on worship activities, which are still handled manually and therefore less efficient. This situation can lead to difficulties in documentation and the risk that not all members receive information accurately. This research aims to assist church administrators in organizing congregation data, scheduling services, and distributing activity information more effectively and systematically. The system was developed using the Extreme Programming method with Express.js for back-end development and React.js for the user interface. The goal is to support administrators in managing data, sharing information with the congregation, and enhancing the efficiency of operational tasks at* GBIS Solafide Boyolali*. The system was tested using blackbox testing and evaluated through the System Usability Scale (SUS), resulting in an average score of 82.3, which falls into the Excellent category. The findings show that the system is functional, user-friendly, and well accepted by users. This system helps reduce inefficiencies in managing congregation data, lowers the risk of data loss, and improves communication and coordination between church staff and the congregation.*

Keywords: *extreme programming, church, congregation, information system*