

ABSTRACT

Conventional boarding house management often leads to various issues, particularly in room management, meal services, and laundry services. These problems are generally caused by manual record-keeping, which is prone to errors, and the lack of an integrated communication system between tenants and managers. Therefore, a solution is needed to optimize the overall boarding house management process.

This study aims to design and develop a mobile application based on technology that supports integrated boarding house (kost) management. The application enables users to make room reservations, order meals, and request laundry services through a single, unified platform. It is designed for four types of users: kost managers, residents, guests, and administrators. In addition, the application is intended to provide easy access, information transparency, and improved efficiency for its users.

The development process, a methodology was employed that encompassed needs analysis, user surveys, system design, and application testing. Each stage was carried out systematically to ensure that the resulting solution aligned with the identified needs. The findings of this study indicate that the developed application has significant potential to enhance operational efficiency and overall user satisfaction..

Key words: Catering, Integrated Efficiency, Laundry, Mobile Application, Room Management