

ABSTRACT

An academic information system is an application designed to help educational institutions manage academic administrative data more efficiently by leveraging information technology. Yayasan Insan Madani Mulia, which oversees educational units ranging from Early Childhood Education, Kindergarten, Elementary School, to Junior High School in Madiun Regency, currently manages academic administrative data separately using spreadsheets. This condition creates difficulties for the foundation in conducting real-time and centralized monitoring of academic data. Therefore, a web-based academic information system is needed to assist the foundation and the schools under it—specifically elementary and junior high schools—in monitoring, managing, and reporting academic administrative data in real-time and in a centralized manner.

This system was designed through data collection methods such as interviews and case studies to define system functions and menu structures. The system development followed the prototyping method, utilizing the Laravel framework and MySQL as the database. The system was tested using blackbox testing to evaluate functionality and the Short User Experience Questionnaire (UEQ) to assess user experience quality.

*The results of this study indicate that the developed system meets user needs, with all key features functioning as expected. The UEQ evaluation shows that the system has a user-friendly, efficient, and visually appealing interface, with average scores falling into the Above Average category. The system is considered effective in assisting the foundation and its educational units in managing and monitoring academic administration in a centralized and real-time manner.***Keywords:**
educational institution, prototyping, academic information system, short usability experience questionnaire, foundation