ABSTRACT

Education is undeniably crucial for many people, particularly when applied from an early age. Khulafaur Rasyidin Islamic Educational Foundation, located in Krian, Sidoarjo City, is an institution currently offering educational levels such as Toddler Class (TC), Playgroup (PG), and Kindergarten (KG). The administrative processes are considered ineffective due to data recording being done through books and paper sheets. Moreover, the admission process for new students at this foundation is also less efficient, as it requires multiple visits to obtain information. Therefore, there is a need to develop an information system in the form of a website to facilitate academic administrative activities and new student admissions, making them more effective and efficient. The system development follows the prototyping method, involving steps such as communication, quick planning, and modeling quick design, followed by prototype construction, and ending with deployment, delivery, and feedback. Data collection was conducted through interviews, and the system design includes use case diagrams, activity diagrams, sequence diagrams, class diagrams, Entity Relationship Diagrams (ERD), and wireframes. Following the design stage, system development is carried out using the Laravel framework, and database management utilizes MySQL. The final stage involves system testing using blackbox testing and usability testing with the User Experience Questionnaire (UEQ) method. The result of this research is a web-based academic administration and new student enrollment information system, featuring a parent dashboard that simplifies student registration, a new student enrollment (PPDB) dashboard that facilitates the management of student registration data, and an academic dashboard that streamlines the management of student academic data, making it more effective and efficient.

Keywords: Educational Foundation, Information System, New Student Admissions, Prototyping Model