

ABSTRACT

This research aims to design and develop a web-based information system for the Kurnia Asih Social Foundation in Jombang to enhance the efficiency of data management and information services. The system development uses the Waterfall approach, consisting of analysis, design, implementation, testing, and maintenance phases. The system includes essential features such as donation management, donor data handling, activity information publication, and transparent financial reporting. Data were collected through observation, interviews, and literature studies. The result is a web-based information system capable of supporting the foundation's operational needs in a more structured and efficient manner. System testing was conducted using the System Usability Scale (SUS) method, resulting in an average score of 80.5, indicating a "Good" level of usability and feasibility. This system enables the foundation to provide information to the public more quickly and accurately while building stronger trust with donors.

The study addresses the previous problem of manual donation management, which lacked transparency and efficiency. By implementing this structured solution, processes such as data collection, processing, and reporting become faster, more reliable, and easier to manage. The chosen methodology ensures a systematic and sequential development process, ideal for projects with well-defined requirements. The SUS-based testing confirms that the system not only functions effectively but also meets user expectations in terms of usability and satisfaction. In conclusion, the developed information system successfully fulfills the foundation's needs and contributes to overall organizational performance improvement through efficiency, transparency, and enhanced public trust.

Keywords: Information System, Web-Based, Social Foundation, Waterfall, System Usability Scale (SUS)