

ABSTRACT

Gelora Indah Mosque Orphanage still distributes donation boxes to mosques in the fundraising process. This causes limited reach and information, and makes it difficult for prospective donors or benefactors to donate. . The proposed system aims to simplify the donation process for donors to participate in the orphanage of the Gelora Indah Mosque. Digital fundraising is a relevant solution in today's technological era, where people want convenience and speed in making donations. However, not many orphanages have optimally utilized information technology. This condition creates a gap between the potential use of technology and the current practice. The solution developed is a website-based fundraising system built using Vite for the frontend and Express.js for the backend. The system is equipped with user registration and login features, online donation using Midtrans as payment gateway, transaction history, contact form, and admin dashboard to manage user data, donations, messages, and export data in Excel. The development of was carried out using the Extreme Programming method and system testing using Blackbox Testing to ensure all functions are running properly. The results of testing show that all system features function according to the needs of users and run as they should.

Keywords: *orphanage, extreme programming(XP), website.*