

ABSTRACT

Digitalization in the field of education has become a vital necessity to enhance the efficiency and accuracy of administrative services. This research focuses on Sekolah Luar Biasa (SLB) Putra Mandiri Surabaya, a special education institution for students with special needs. Currently, the New Student Admission (PPDB) process at SLB Putra Mandiri is still conducted manually using paper forms, which are vulnerable to data loss, input errors, and administrative delays. Based on interviews with school officials, the manual process is time-consuming, labor-intensive, and increasingly difficult to manage as the number of applicants grows each year. To address this issue, this study designs and develops a web-based registration information system using the Extreme Programming (XP) methodology. This method is chosen due to its iterative and adaptive approach, allowing the system to be developed gradually with active user involvement in each development cycle. The aim of this research is to produce an information system that can replace the manual method with a more structured, efficient, and easily accessible digital system. This system is designed to facilitate the registration process, data management, and reporting in an automated and integrated manner. The findings of this research indicate that digitalizing administrative processes reduces data input errors and supports more optimal inclusive education services at SLB Putra Mandiri Surabaya.

Keywords: *New Student Admission, Special Needs School, Extreme Programming, Information System*