

ABSTRACT

IMPLEMENTATION OF A WEBSITE SYSTEM FOR STUDENT PRODUCTS AT DHARMA BHAKTI DHARMA PERTIWI SPECIAL NEEDS SCHOOL FOR DEAF, INTELLECTUALLY DISABLED, AND AUTISTIC STUDENTS USING THE AGILE DEVELOPMENT METHOD

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Dharma Bhakti Dharma Pertiwi Special Needs School is an educational institution for students with special needs, such as those who are deaf (Category B), intellectually disabled (Category C), and autistic. To develop their potential, the school conducted vocational skills programs that produced economically valuable creations, such as paintings, batik, and handicrafts. However, the marketing of these products had been limited to local environments and school exhibitions, thus failing to reach a wider market. This study aimed to implement a website-based e-commerce system to expand digital marketing reach. The Agile Development method was applied due to its flexibility and ability to adapt the system progressively through user feedback. The development process included planning, design, testing, and periodic evaluation. The result was a mobile-friendly website that served as a platform for promoting and marketing student products. This platform enhanced the online visibility of the products, expanded market access, and supported the potential and independence of students with special needs.

Keywords: Special Needs School, e-Commerce, Agile Development, Website, Products, Handicrafts

