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## MINDALIT: A Digital Dance Repository for Physical Education Using the Successive Approximation Model

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This paper presents MINDALIT, a digital repository designed to preserve and promote the folk and ethnic dances of Northern Mindanao, as a case study in applying digital innovation within Physical Education. Utilizing the Successive Approximation Model, the study followed iterative phases of preparation, design, and development to transform cultural knowledge into a functional high-fidelity prototype. Insights from ethnic dance experts and web application specialists guided the refinement of low-fidelity prototypes into a user-friendly platform developed through Google Sites and QR codes. Beyond safeguarding cultural heritage, MINDALIT supports Physical Education by providing accessible instructional resources that enhance the teaching and learning of traditional dances. This integration of technology into PE pedagogy illustrates how digital tools can sustain cultural identity while addressing the evolving needs of education in the digital era. The study underscores the potential of web-based repositories to bridge tradition and innovation, enriching both dance education and cultural preservation.

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