

***ANALYSIS OF UI/UX IN DIGITAL ANGKLUNG LEARNING WEBSITE FOR
JUNIOR HIGH SCHOOL STUDENTS (Case Study: SMPN 2 Pondoksalam)***

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ABSTRACT

The decline in the younger generation's interest in traditional music, such as angklung, due to modernization and the influence of foreign cultures, serves as the background of this study. Digital learning media, such as the digital angklung website, is considered capable of addressing this challenge by integrating technology and cultural preservation. This study is formulated to address the effectiveness of instructional design, user interface (UI), and user experience (UX) in supporting student learning outcomes at SMPN 2 Pondoksalam. The research focuses on instructional design theory for structuring learning, UI for accessibility and aesthetics, and UX for creating a comfortable and relevant learning experience. A quantitative approach was employed, with questionnaires serving as the data collection instrument. Data analysis was conducted using multiple linear regression to measure the influence of independent variables (X1, X2, X3) on the dependent variable (Y). The results reveal that instructional design has a significant impact on learning outcomes, UX has a significant and dominant influence, while UI provides a positive yet statistically insignificant effect. Simultaneously, these three design elements explain 57.4% of the variation in students' learning outcomes. The study concludes that the combination of instructional design, UI, and UX significantly contributes to creating effective learning media, enhancing students' understanding, and increasing their engagement in preserving traditional music. The findings of this research are expected to serve as a reference for the development of culture-based digital learning media for arts education.

Keywords: Digital angklung, learning outcomes, traditional music