



UNIVERSITY OF THE EAST
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Mobile Learning Management System: A Tool for Basic Education

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ACCEPTANCE AND APPROVAL

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ABSTRACT

Handheld devices are a trend these days because most people want their tasks done in an instant or at the moment and nowadays, we are surrounded by billions of mobile applications. E-learning can be considered as an emerging process that helps individuals to gain knowledge prepared by professionals and experts anytime. The study aims to compare the traditional method and the proposed system in terms of assessment in performance and competency of the Senior High School students of the University of the East Caloocan taking STEM as their track.

The researchers formulated the hypothesis that there is no significant difference between the traditional method and the proposed system in terms of competency and performance at 0.05(5%) level of significance. They used t-Test to compare the performance and competency of the students using the proposed system and the traditional method. After testing the system with the respondents, the researchers found out that the t-Test result of competency on the traditional method is 14.23 while the proposed system's result is 16.07. The t-Test result of the performance in the traditional method is 75.33 while on the proposed system is 86.83. The researchers therefore concluded that there is no significant difference between the traditional method and the proposed system in terms of the competency but there's a significant difference in terms of the performance.

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