

**West Visayas State University**  
**COLLEGE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY**  
**La Paz, Iloilo City, Philippines**

LAK-BAY: A GAME APPLICATION THAT FEATURES BAYBAYIN SCRIPT  
FOR LEARNING

An Undergraduate Thesis  
Presented to the Faculty of the  
College of Information and Communications Technology  
West Visayas State University  
La Paz, Iloilo City

In Partial Fulfillment  
of the Requirements for the Degree  
Bachelor of Science in Entertainment and Multimedia  
Computing

by  
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Christine M. Deles  
Marissa Grace M. Linganay  
Inceasa Bliss B. Perez  
Milanie J. Villalobos

June 2020

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Approval Sheet

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### Abstract

Due to the Philippines being colonized by the Spaniards, the use of the ancient writing system called Baybayin began dwindling down. When it began resurfacing again in the modern times, it shows potential that it can be used as a writing system by the Filipinos but the problem is not everyone knows or understands the script. This study aimed to introduce and promote the Baybayin script and its history, to contribute to the lack of Baybayin learning resources, and to let users be familiarized with the characters of Baybayin and to let them learn how to turn it into a word or phrase. Because of these objectives, the researchers decided to create a game-based learning application that will help people of all ages to learn the Baybayin script. With a prototype mobile application, the researchers tested it through letting different respondents play the game. The results showed that they were satisfied with the application and

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that it helped them learn and understand Baybayin more. This showed that game-based applications can be a useful source for learning.

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