

## ABSTRACT

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### **BetawiNese Application as an Android Based Betawi Cultural Information Media**

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Keyword: Application, Android, Betawi, Black-Box

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Jakarta's culture, especially the so-called Betawi culture, has a variety of cultures. The entry of foreign culture without being filtered by the community, especially the people of Jakarta and being accepted as it is, can result in the loss of the original Betawi cultural heritage. Currently the government has created the Setu Babakan cultural heritage as a preservation of Betawi culture, but due to the pandemic, this cultural heritage is increasingly encouraging visitors. The purpose of this research is to create an Android-based Betawi application as an information medium for introducing digital Betawi culture that has information and an attractive and user-friendly appearance so that all people, especially the millennial generation, can access Betawi Culture information anywhere and anytime in just one hand. The Betawi application is relevant because it uses information from the official website [setubakanbetawi.com](http://setubakanbetawi.com). The BetawiNese application has a main page consisting of a home menu, like, about and a Help menu. The Cultural Details menu contains complete information on Dance, Punch/Silat Playing Arts, Music Arts, Typical Culinary and the last is Betawi Customs and Traditions, as well as features like and comments. The method used in making the BetawiNese application is the Waterfall Software Development Life Cycle (SDLC) method and the MVVM Clean Architecture. The BetawiNese application was created using the Android Studio software version 2020.3.1 Arctic Fox and using the Kotlin programming language. On the results of the Black-Box test, it can be seen that the Betawi application on all displays has been successfully run without any errors. The device testing was carried out on 5 different smartphones, it can be seen that the Samsung Galaxy S21 Ultra (2021) smartphone device is the most adequate device and in accordance with the BetawiNese application system design.

Daftar Pustaka (2012 – 2022)