

ABSTRACT

Culture is an integral part of human life, reflecting behaviors in various aspects such as norms, religion, art, and technology. According to data from the Directorate General of Culture, in 2022, there were 11,156 Indonesian cultures recorded as intangible cultural heritage, with 1,728 of them designated as Indonesian Intangible Cultural Heritage. One such heritage is the Sundanese script, which has been used to write the Sundanese language since the 5th century. However, the advancement of information technology has led to a decline in interest among the younger generation in local culture, with a preference for foreign cultures considered more attractive. To preserve Sundanese culture and leverage technological advancements, the Nyunda application was developed. This mobile application is designed to convert Latin letters into Sundanese script and provides additional features such as learning to write Sundanese script, a collection of Sundanese poems, translation from Indonesian to Sundanese, and Sundanese script quizzes. The application aims to facilitate the younger generation in learning Sundanese culture. The development process of the Nyunda application includes planning, design, coding, testing, and deployment stages. The application is implemented on smartphones with a minimum of Android Marshmallow version and iOS 9. Application testing involved 32 respondents, and 89.2% of users agreed that the Nyunda application is effective as a learning medium. In conclusion, the Nyunda application has achieved its goal as an effective learning medium, facilitating students in easily learning the Sundanese language, and assisting schools and teachers in the learning process. Suggestions for further development include adding chat features, text-to-speech, and speaking practice features.

Keywords: culture, sundanese script, mobile learning, language preservation