

## ***ABSTRACT***

Nowadays, Sundanese culture and learning are experiencing problems in its preservation, especially among students. Based on the pre-design questionnaire that has been distributed to students of SMAN 24 Bandung, many students have difficulty in learning Sundanese Script. This is due to the lack of diversity of alternative learning media that can attract the attention and motivation of students in learning Sundanese culture. This design aims to design the user interface (UI) of a -based application designed as a supporting medium for learning Sundanese script. The UI design of this application is designed using the User Centered Design (UCD) method so that later, the results of this UI design can be relevant to students. The use of this method involves the user in every design flow, starting from pre-design to the end of the design so that the final results of this design can be relevant to the user. The results of this UI design were tested using the System Usability Scale (SUS) method and resulted in an average score of 77.125, which indicates a good level of usability. In addition, time-on-task testing showed good navigation efficiency with an average task completion time of 10.28 seconds.

**Keywords:** Sundanese script, user centered design, interface design, learning application, usability testing, system usability scale.