

## ABSTRACT

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*Lack of time to learn Balinese traditional canto or called pupuh in Elementary School led to a lot of students do not understand to sing Balinese traditional pupuh. Based on these issues, then made a learning applications Balinese traditional pupuh based on android in elementary schools. Balinese traditional pupuh applications is a multimedia application that is useful as a medium of learning for elementary school students ranging from 4th grade. Besides, this application can also be as a new medium, parents who want to teach their children in singing a Balinese traditional pupuh. This application was made with the Java programming language and using SQLite database. System design in these applications using object-oriented programming concepts that describes functionality with the use case diagram. In this application, there are four main functionality, such as introduction of pupuh, answer quizzes, create lyrics, and recorded pupuh. At first the functionality, the users will be given information in the form of understanding of pupuh, rules and its example. The second functionality, the users can answer in the form of multiple choice quiz and guess the next pupuh's lyrics. The third functionality, the users can make the pupuh's lyrics by the rules. The fourth and functionality, the users can record pupuh's lyrics that have been made. This application has an attractive appearance and can help students learn Balinese traditional pupuh.*

*Keywords: Pupuh, Java, SQLite*