

ABSTRACT

Communication built by parents of students and teachers is an important thing in student development, especially for kindergarten students. Binikas Playschool made a book called "Communication Books" as a medium of communication between parents of students and teachers. The Communication Book contains reports and responses from teachers and parents of students about the activities of students at school every day. Aside from being a means of communication, reports and responses filled in communication books are also stored for other purposes. But the school intends to reduce the consumption of paper / books used to make the Communication Book.

In this final project, a replacement for the Communication Book in the form of an Android-based mobile application has been made. The application that was built has the same features as the Communication Book with some additional helper features. The application was built using React Native, a framework for creating Android and iOS mobile applications that were developed openly by Facebook.

Communication Book application that has been made, based on testing the functionality of the application can run properly and consistently. Based on the installation testing of the Communication Book Application that has been made, it can be installed on an Android smartphone with a minimum version of Android Lollipop (5.0). Based on the results of the questionnaire, respondents considered that the communication book application had an attractive and easy-to-use appearance. Respondents is also motivated to use and agree that the Communication Book Application will be effective if implemented.

Keywords: Communication, School, Parents, Teachers, Android Applications, React Native.