

Abstract

Children are naturally curious. With these properties and facilitated with gadgets and the internet is easy to access by anyone. Children find it easy to find out what they want to know. Like, knowledge of sex. In fact, according to UNESCO, that children cannot stand alone in an effort to learn about sex, there must be assistance from parents, communities, religious leaders or educational institutions who fight for sex education as an important component of comprehensive quality education. So a mobile application is made that is useful for teaching materials for parents about sex education to children. This application has contents about sex education for children by including branching stories or branching stories as a pretest with 2D animated videos, and materials using audio and text, as well as quizzes to test children's understanding of the material. This mobile application was developed with android studio tools, using the SDLC (System Development Life Cycle) method. The results of the development of this application have been tested using blackbox testing to get the application running properly according to its functionality which is declared 100% successful, and testing the user using the User Acceptance Test with 90.08% results with the conclusion that the application is very feasible and has been running well good.

Keyword : sex education, mobile applications, SDLC, Blackbox Testing, User Acceptance Test