

ABSTRACT

In the current pandemic situation, education in Indonesia is slightly hampered because teaching and learning activities cannot be carried out face-to-face. From these problems, a solution is needed, namely an E-Learning application that can help the online learning process by teachers and students. In addition, E-Learning can also help make school administration easier and more efficient. This E-Learning application is called EduRoom which contains features to support teaching and learning activities and school administration management carried out by the school admin module as well as the management of EduRoom partner users carried out by the super admin of the EduRoom team and also automation of student learning reports or called e-raport which done by the teacher.

The EduRoom application development utilizes the Laravel framework and uses the Extreme Programming and BlackBox Testing development methods. The results of the development and testing of the EduRoom application can be accepted by the user with a total User Acceptance Testing value of 450 with an average of 89.14%.

Keywords: EduRoom, E-Learning, Laravel, Extreme Programming