

ABSTRACT

Web-Based Online Exam Module E-Learning Application Design at SMA Negeri 6 Tangerang Selatan

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During the pandemic period, learning in every school went online with the cessation of the face-to-face learning process which was a disciplinary measure to protect the health of students. Without a conventional school learning process, one of which is research at SMA Negeri 6 Tangerang Selatan, in other words, the learning process between teachers and students can only be done online, such as Google Meet and Zoom. The application of online learning can also be facilitated especially by using web-based e-learning applications in carrying out lessons at school. Technological developments have developed so rapidly that there is an online learning method which can also be called E-Learning. Most of the e-learning that is used only provides some material that has been provided by the instructor or teacher and can be downloaded by student users. This design research aims to assist instructors in carrying out the distribution of material through electronic media networks as well as administering exams to students. Along with technological developments, E-Learning has become one of the keys to the development of the field of education in delivering material from instructors to students and in taking exams. In designing this E-Learning is made using PHP. The results of this web-based E-Learning application design will be used at SMA Negeri 6 Tangerang Selatan.

Keywords: E-Learning, technology, electronics