ABSTRACT

DEVELOPMENT OF INTERACTIVE MULITMEDIA WEBSITE FOR DIGITAL ELECTRONICS LEARNING AT SMK

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The purpose of this research is to develop the interactive multimedia website product for digital electronics learning at SMK N 2 Yogyakarta.

To execute this research using the kind of research and development (R n D) and the data aggregation methode by interview and questionnaire. The analysis methode using discriptive analysis that is discripting the result of research by diagram.

Building on the result of research is gotten the expedience values of learning media they are from expert of media is gotten 140,3 from hoped score 164 which equal with 85,6% in meaning is valid, from expert of matter is gotten 71 from hoped score 84 which equal 84,6% in meaning is valid, from field test is gotten 1769 from hoped score 2200 which equal 80,4% in meaning is valid. The tests from expert of media are usebility, navigation system, graphic design, content, compatibility, loading time, functionality, easy of navigation multimedia, cognition, integration of media, artistic & aesthetics and totality function. The tests from expert of matter are matter quality, simulation animation, practice video tutorial quality and questions quality. The tests from field test are appearance, learning strategy, easy of operation and content. This is appropriate with teory concept which hoped.

Key word: website, interactive, multimedia, learning, discriptive, score, valid.