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# Personalized E-learning Model: A systematic literature review

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## Abstract

The development of electronic learning models, especially in developing countries such as Indonesia has grown well as information technology applications designed for learning purposes. Community colleges and schools seek to complement the traditional teaching system with e-learning systems. However, we found there are differences in individual learning styles in terms of speed and learning styles. Serving or teaching students with one mechanism of the same teaching method will ignore individual rights while reducing the meaning of education broadly from the humanity dimension. Such situations will affect the target of increasing competence, the growth of knowledge and the value expected for some individuals to fail. The electronic learning model then undergoes a shift away from a mere system, now evolving into a personalized learning model, where learning processes are oriented toward the students' abilities. Under these conditions, models and other techniques are needed to help personalized adaptive learning as they need it. The purpose of this study was to identify the general criteria of personalized electronic learning model to meet the needs, interests and objectives of the learner in a more personal sense in a broader sense. This research was conducted through literature study on papers published in the last five years (2012-2017). The results show the common components, techniques or tools that are commonly used, as well as the support of the theoretical basis used as the platform for the development of a personalized e-learning model. © 2017 IEEE.

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