THE PERSONALIZED LEARNING: SOME RESEARCHES

Abstract

This paper aims to present the personalized learning – also known as adaptive – its methods, technics and systems. With this article, we want to advance in that kind of research that stands out in the corporate field, but lacks at in-depth academic research. The educational environment needs more work that defers from mere adaptations of techniques used by companies, whose main goal is only profit. In this paper, we discuss taxonomy, specific methods used by the software available for this purpose, adaptive presentation techniques of the content and its variables, ways of navigation developed specially for this type of content, context and its use for the types of personalization wanted, the different kinds of learning and the relation with metacognition. For this work, we used a bibliographical methodology, encompassing the most updated and broad literature discussion. In the end of this article, we show a table with different students profiles, their learning styles and the more suitable activities for each one.

Keywords: *Personalized learning. Adaptive learning. Learning styles. Adaptive hypermedia.*