Development of a Tool for Quality Assessment of Digital Learning Resources

Abstract

Today, the use of computers in education is booming and the use of digital learning resources and educational websites invite educators and computer scientists to reflect more on the design of such tools. In fact, this paper outlines a number of criteria and recommendations that can guide and direct any teaching tool design be it campus-based or online (e-learning). This work is at the heart of this issue. It suggests examining academic, pedagogical, didactic and technological criteria to conduct this study which aims to develop an assessment and analysis grid of the quality of educational programs and applications. The approach adopted consists in addressing the specific and relevant factors of each assessment criterion. Then, the article explain the detailed structure of the grid. Finally, on the basis of the description given, all data are collected in the evaluation grid and its methods of use are discussed.

References

Index Terms

Computer Science

Software Engineering

Keywords
Digital learning resources teaching pedagogy didactics design assessment grid