The Effect of a Web-Based Adaptive Learning Environment for Students with a "Holistic" Learning Style on Developing Learning Products of the Designs of Educational Situations for Instructional Technology Students

Abstract

The present study aimed at finding out the effect of an adaptive learning environment for learners with a holistic learning style. The characteristics of these learners and their learning needs were conspicuously determined, and then a web based environment was obviously created.

Moreover, in this study, the researcher limited the cognitive and performing aspects of learning products to the design of educational situation. Besides, the researcher applied this study on 40 students from the fourth year of the Instructional Technology Department at the Faculty of Specific Education, Fayoum University. This sample was divided into two groups (control / experimental). Each group consisted of 20 students.

Additionally, the researcher prepared an achievement test (to measure the cognitive aspects of the curriculum of educational situation design) and a performance note card (to measure the performing aspects of the curriculum of educational situation design).