

THE STUDY OF USABILITY FOR BIGBLUEBUTTON IN DISTANCE LEARNING IN TERMS OF MANAGEMENT AND PERFORMANCE

Öğr. Gör. Mustafa Ali Akca
Süleyman Demirel Üniversitesi
Eđitim Fakóltesi
Bilgisayar ve Öğretim Teknolojileri Eđitimi Bölümü
mustafaakca@sdu.edu.tr

Abstract

BigBlueButton is an online, free and open source conference environment which can operate on Windows, Linux, Unix and MacOSX platforms. BigBlueButton has many similar features available in Adobe Connect, which is one of the most used distance learning platforms. Screen share, sound share, lessons through documents (pdf, ppt, doc), board application, private and public conversation, raising hand, lesson recording, watching recorded lessons are among the many features that BigBlueButton has. This research studies how the management takes place on condition that student, teacher and classroom numbers are exceedingly high upon the installation of BigBlueButton and the performance of distance learning were examined in terms of system's operation effectiveness. In studying system operation performance, data derived from distance learning lectures from 800 students in 10 different sections throughout 14 weeks in 2014-2015 academic year in Süleyman Demirel University, Education Faculty was used. A number of various solution suggestions were made in terms of BigBlueButton's management and performance when student, teacher and classroom numbers are exceedingly high. This study's data and solutions suggestions are thought to be useful for lecturers who plan to utilize distance learning.

Keywords : Education, distance learning, bigbluebutton.