



MULTIMEDIA AND ITS APPLICATIONS

Edited by

AKRAM M. ZEKI



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Introduction

With the fast improvement in Internet speed and the high technology in various devices, applying multimedia elements became so easy and important in daily life use. Different areas in business and general uses are applying multimedia elements to improve the human interaction with devices through Internet. This also improves the worldwide communications anywhere anytime.

The faster Internet connection and powerful processing capability has improved the multimedia content delivery. What is left now is to use different interface design which must incorporate interactivity and high impact of multimedia content. Thus, these changes have caused the need to relook into the multimedia elements. According to (Conole & Culver, 2010), “the interface design of computers has changed dramatically over the years, with one of the biggest changes being the introduction of the GUI. Now with faster connections and more powerful machines the content being delivered is changing and this in turn is creating a need for different interface designs. Gone are the days of purely text based content and now it is interactive, high impact multimedia content delivered to the user such as the use of interactive video in an e-learning application.”

Also according to (Poole and Bradley, 2003) many elements of multimedia today are links, sophisticated associational searches, mice,