

ABSTRACT

WiMAX (Worldwide Interoperability for Microwave Access) is a broadband wireless access technology which fastest access and wide riches. WiMAX is the BWA (Broadband Wireless Access) evolution with more interesting features. Besides data transfers with high speed can be given, it is open standard technology. In other word, WiMAX communication can be done with several vendor (not proprietary). With huge data transfers (more less 70 MBps), deserve to be applied for 'last mile' broadband connections, backhaul, and high speed enterprise.

This final project is computer assisted instruction application. It is through the multimedia project production approach. It contains elements of multimedia in order to earn to draw attention and to add motivation of learning for users.

This final project is made by using Adobe Flash CS3 authoring tool with action script as an authoring language and other software like Adobe Photoshop. This method can help easily understanding WiMAX component, the network structure, and communication process especially for academic process.

Key word: WiMAX, authoring tool, authoring language, adobe flash