Design, Development and Evaluation of a Portable Recording System to Capture Dynamic Presentations using the Teacher´s Tablet PC

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Abstract : Computers and multimedia equipment have improved a lot in the last years. They have reduced costs and size while at the same time has increased their capabilities. These improvements allowed us to design and implement a portable recording system that also integrates the teacher´s tablet PC to capture what he/she writes on the slides and all that happens in it. This paper explains this system in detail and the validation of the recordings that we did after using it to record all the lectures of a course in our university called "Communications Software". The results show that pupils used the recordings for different purposes and consider them useful for a variety of things, especially after missing a lecture.