

Wantana Suwanrassamee 2008: Model of Virtual Museum for Education. Doctor of Philosophy (Curriculum and Instruction), Major Field: Curriculum and Instruction, Department of Education. Thesis Advisor: Associate Professor Maturros Chongchakit, Doctorat de 3eme Cycle. 188 pages.

The purposes of this study were: 1) to design and develop the Virtual Museum for Education; 2) to study the usage results of the Virtual Museum for Education; 3) to improve the content and the interface of the Virtual Museum for Education. The samples used in this research were purposively selected from teachers and students having good skills in using the computer and the internet from one public and one private schools in Bangkok Metropolis. They were 18 teachers and 36 students in Grade Range 2 (P4-P6). The research procedures consisted of 3 phases which were: the preparation phase, the design and development phase and the implementation phase. The frequency and the percentage were used to analyze the data.

The research finding were as the following: 1) The developed Virtual Museum for Education Website consisted of 4 knowledge delivery models: texts and pictures, resource links, interactive game activities and online communication tool; 2) The structure of the Virtual National Museum Bangkok's Website consisted of 2 main menus: Objects from Another View with 5 submenus presenting texts and pictures, resource links and Kids Zone with 4 submenus presenting interactive game activities and online communication tool; 3) The study of teachers and students' opinions after the use of the Virtual Museum for Education showed the satisfaction at the high to highest level on both the content and the interface. The observation of students' behaviors during the experimentation showed the results that supported teachers and students' satisfaction towards the media; 4) The researcher had delivered the media improvement information according to the users' suggestion about developing another contents of the Virtual Museum to the webmaster of the National Museum Bangkok Website.

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Thesis Advisor's signature