

Thesis Title	Development of Picture Storage and Searching System in Phachomklao Archives Information Via Computer Network for King Mongkut's Institute of Technology Ladkrabang
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ABSTRACT

The study would be concerning on the Development of Picture Storage and Searching System in Phachomklao Archives Information Via Computer Network for King Mongkut's Institute of Technology Ladkrabang to be useful for the data collection, data execution, and data searching displayed on computer screen and printed reports. It could be helpful for photo resource management of Phachomklao Archives Information, the Central Library of KMITL; normally the development of the filing and searching program of photo system used to be developed by using the tools of Microsoft Visual Basic 6.0 and Microsoft Access 97, but unfortunately the developed one would have some disadvantages such as on the control of photo usage, saving of activity details, and reports; the more study then was done to meet the following objectives:

1. to develop the program of Picture Storage and Searching System in Phachomklao Archives Information Via Computer Network for King Mongkut's Institute of Technology Ladkrabang,

2. to study the customers' satisfaction on the service of the such newer developed program.

The development of the Picture Storage and Searching System in Phachomklao Archives Information Via Computer Network for King Mongkut's Institute of Technology Ladkrabang would rely on the theory of System Development Life Cycle (SDLC), and Entity Relationship

Model (E-R Model). The tools used on the development would be Borland Delphi 5.0 and Oracle 9i for being the DBMS on the OS of Microsoft Windows XP.

The major sampling group for the research would be the one of 94 people classified to be subgroup of 20 people directly relating to Phachomklao Archives Information and that of 74 people indirectly relating to Phachomklao Archives Information; the purposive sampling was applied on this process.

It was found from the study that it could be concluded into 2 parts; one for the developed program that could be functional as the defined scopes of the study:

1. The initial and major data entries could be completely entered into the designed system.
2. The initial and major data entries could be executed on the application of searching for all 5 photo types as designed,
3. The desired reports could be printed as designed.

For the one of the result of the analysis of the customers' total satisfaction to the developed program, it was found that the satisfaction level would be high. When considering on each aspect, it was found that for those of the results or reports, they would have the satisfaction level at the one of being higher and those of the data entries and the process of the system would be at the lower ones respectively.