

C618300 : MAJOR COMPUTER SCIENCE

KEY WORD: SOFTWARE DESIGN / INFORMATION SYSTEM / TRAINING ADMINISTRATION / ORGANIZATION

NIWAT KEAWKOR : A SOFTWARE DESIGN TO SUPPORT THE INFORMATION SYSTEM FOR TRAINING ADMINISTRATION IN AN ORGANIZATION. THESIS ADVISOR : ASSO. PROF. MANDHANA PRAKANSAMUT, THESIS CO-ADVISOR : ASSIST. PROF. MATEE SRISANGVAND, 239 pp. ISBN 974-635-578-3.

The objectives of this research were : (1) to analyze training administration procedures used now in large-scale organizations ; (2) to design an information system through the use of information technology and database management ; and (3) to produce a software design to facilitate and support training administration on a local area network.

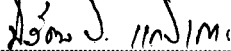
The data were collected from the Staff Training and Development Institute, Bank of Thailand. The first part of the research deals with analysis of training administration procedures. Also, an information system designed to support training administration is presented, which comprises three subsystems, viz. training data, training planning, and training implementation. The second part of the research concerns software design and program development. The software, user-friendly and foolproof, is to be used with Microsoft Windows 3.1 Thai Edition and on any local area network. Moreover, the design automatically rejects unauthorized users and control data redundancy.

The main finding of the study is that the software can facilitate training administration and quicken document preparation. In addition, it is time-saving, with an 80 % decrease of the time used in the manual system.

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