

C016999 : MAJOR COMPUTER SCIENCE

KEY WORD : DATA MODEL/PERSONNEL

JINDARAT VISETRUANGROTE : DEVELOPMENT OF DATA MODEL FOR UNIVERSITY PERSONNEL MANAGEMENT. THESIS ADVISOR : CHARUMATR PINTHONG, YUNYONG TENG-AMNUAY, Ph.D. 173 pp. ISBN 974-579-893-2

The purpose of this thesis is to design and to develop data model for university's personnel management system. Development of data model is a very important step in database design. Furthermore this data model can be used as a guideline for Management Information System for Chulalongkorn University (MISCU) project. The researcher has gathered and analyzed the data, then developed logical data model by using entity-relationship model approach. It covers all data about the personnel's history, education, assignments, positions, duty, salary, disciplines, welfares etc. Linkages from personnel management system to the other systems are also included in this design. These linkages will help MISCU developer team when they need to integrate all subsystems together. After modeling, prototype is built by using ORACLE Relational Database Management System to test the designed model. The prototype demonstrates that the model can serve personnel applications and query informations as needed.