

PICHAJ CHOTISAKULSUK : ANALYSIS OF DATA SYSTEM OF UNIVERSITY
FACILITY MANAGEMENT FOR CONSTRUCTING DATA MODEL
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The purpose of this thesis is to analyze data system for constructing data model and building a prototype of relational data base for University's facility management under Management Information System for Chulalongkorn University (MISCU) project. The University's facility system is divided into three subsystems; the contract subsystem, the building subsystem and the inventory subsystem. The subsystems are separately designed with subsystem linkages for linking to other systems in the MISCU project by using the concept of entity-relationship approach and the rules of logical data model. After completing the logical data model design, then the physical data model was developed.

The University's facility system prototype was also developed using ORACLE relational database management system under UNIX operating system. The prototype was tested and the result is satisfy.