

C216590 : MAJOR COMPUTER SCIENCE
KEY WORD: LOGICAL DATA MODEL/CASE/ER DIAGRAM

ARNUPHAB TEOHSAKUL : DESIGN AND DEVELOPMENT OF AN ASSISTING
PROGRAM FOR DATA MODEL DESIGN. THESIS ADVISOR : DR. VITES TECHANGAM. 104pp.
ISBN 974-584-520-5

The objective of this research is to develop an assisting program for the data model design which can interactively create, edit and print the diagrams of data model, interactively collect and store the information of data elements in the data dictionary and also create the ANSI-SQL data definition instructions corresponding to the information stored in data dictionary.

The research was started by studying the concept of logical data modellins, CASE methodology and theory of 2 dimensional graphics then made the technical survey on functions and methods required for those functions of the drawing program and the data dictionary program. The program was designed and developed consequently using C programming language running in Microsoft Windows environment.