

C215313 :MAJOR CONSTRUCTION MANAGEMENT

KEY WORD: DATABASE / INFORMATION SYSTEM FOR CONSTRUCTION MANAGEMENT

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MANAGEMENT : THESIS ADVISOR : ASSIST. PROF. DR. PING KUNAWATSTIT
. 231 pp. ISBN 974-584-474-8

The purpose of this research is the arrangement of the Material Database System for Construction Management which will be a tool for the compilation of data regarding materials to be used in a construction project. This data will comprise the Information System for Construction Management.

This research achieved development of the Material Database System (MDS) by creating a Command Program on dBase III Plus. This program enables the operator to inquire about details of data concerning the following :

- construction materials
- location for construction material used
- amount of materials necessary for usage
- price of material
- construction material work program

These data must be programmed and stored in the database of the system and specific information may be recalled when needed. This developed Material Database System is capable of data reception/transfer with the Harvard Project Manager (HPM) Program. Data capable of being received/transferred is divided into two types :

- Data regarding construction material prices to be transferred to the Harvard Project Manager Program.
- Data regarding work Planning to be received from the Harvard Project Manager Program.