Thesis Title	Information System for Bill of Quantity (BOQ) at the Design and Construction Department, General Education Division, Ministry of Education
Thesis Credits	6
Candidate	Mrs. Porntip Wattanadilokkul
Supervisors	Assoc.Prof. Adisak Pongpullponsak
	Assoc.Prof. Kaseam Petkate
Degree of Study	Master of Science in Industrial Education
Division	Computer and Information Technology
Academic Year	1998

Abstract

The purpose of this research is to develop and implement a computerized information system for estimating Bill Of Quantity (BOQ) at the Design and Construction Department, Gerneral Education Division, Ministry of Education.

Employing the methodology of the System Development Life Cycle (SDLC), an exiting system is analyzed in order to provide the basic information for building the new one. Three areas of consideration are input and output, process and data management. The required data for this research are divided into eight categories: (1) Personal data, (2) Building data, (3) Quantity data, (4) Cost data, (5) Estimate data, (6) Factor F data, (7) Index K data and (8) Value K data. The new system is developed by using Microsoft Excel and Visual BASIC, and is implemented on personal computer platform.

The system was highly evaluated by computer experts and related officers. They were satisfied with the whole system.

Keywords: System analysis / Information system / Estimate