

## C317235 : MAJOR COMPUTER SCIENCE

KEY WORD: DATA-ENTRY/GENERATE PROGRAM

PISUT WADHANAKUL : DEVELOPMENT OF DATA ENTRY DEVELOPMENT PROGRAM  
ON UNIX. THESIS ADVISOR : ASST. PROF. SUMET VACHARACHAISURAPOL.  
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Data-Entry is a step of computer processes but all data are not uniformly collected. This has forced us to spend time developing a Data-Entry program; therefore, this research is to develop a development of Data-Entry development program in order to generate program for quick and efficient entry.

This development is made on UNIX which used C-language to develop program, the CURSES library to control screen, and the Thai-IRC-card driver program to control Thai characters

This research is designed for a system created a Data-Entry program which can receive and validate the defined data. Moreover it writes data like a standard file that can transfer the data to other computers.

The Design and Development consist of 5 subsystems.

There are :-

1. Define Record Definition
2. Define Screen Layout & Field Definition
3. Generate Program & Print Report Document
4. Function Program Data-Entry
5. Utility Program Data-Entry

Conclusion; the development of Data-Entry development program makes program quick and efficient. A person who develops programs does not need to have good programming knowledge because it is easy to understand and use.