

**Thesis title:** The Development of Information System for Educational Guidance: A Case of Secondary Schools Under the Office of Suphanburi Educational Area

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## ABSTRACT

The purpose of the research was to develop an information system for educational guidance for secondary schools under the Office of Suphanburi Educational Area. The information system covered data about students, schools, teachers, higher-educational institutions, scholarships, career groups and programs for further studies.

This study was research and development. The system development life cycle methodology was used. A preliminary study was conducted through an informal interview with 3 guidance teachers purposively selected. Furthermore, a focus-group interview with 8 randomly selected teachers was also conducted. The analysis and design of a new system were carried out accordingly. The information system consisted of 6 main menus: general data menu, student personal data menu, student educational data menu, higher-educational institution and scholarship data menu, search and report menu, and utility menu. Microsoft Visual Basic 6.0 and Microsoft Access 2000 under Microsoft Windows XP operating system were used as research tools.

The information system allowed teachers to conveniently store, update and retrieve student data, and matched it with career groups and programs for further studies. The evaluation of the information system revealed that most users were satisfied with the overall system at the maximum level, however the print-out report feature was found to be at the moderate level.

**Keywords:** Information System Development, Student Database,  
Educational Guidance