

Independent Study Title	Development of an Intranet for the Computer Maintenance System at the Faculty of Medicine, Chiang Mai University
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Degree	Master of Science (Information Technology and Management)

Independent Study Advisory Committee

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Abstract

The purpose of the “Development of an Intranet for the Computer Maintenance System at the Faculty of Medicine, Chiang Mai University” was to develop an Intranet System for computer maintenance of the Medical Informatics Section at the Faculty of Medicine, Chiang Mai University.

From the study the author found that there was not good coordination between the technician and computer users, which lead to many problems. In designing a new Intranet Network System, the author divided users into three groups; computer user, Medical Informatics Section staff, Technician and Administrator. The computer system also records the computer problems from the time they are first recorded until they are fixed. This improved communication between all users. This program was developed using PHP and HTML in a MySQL database.

The system was evaluated by sending a questionnaire to all three groups. It showed an 47.5 percent good performance result and was a satisfactory and suitable solution for them and achieved the objectives of the study for the author.