

Independent Study Title	Development of a Computer Hardware Checking System at the Mae Moh Power Plant, Electricity Generating Authority of Thailand
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Abstract

The objective of this independent study, "Development of Computer Hardware Checking System at the Mae Moh Power Plant, Electricity Generating Authority of Thailand" is to develop a system that prevents an improper used of computer equipments and detects the missing equipments automatically. This system uses AIDA software as an agent to collect the hardware information from the clients' computers and send back to the server.

The Microsoft SQL Server is used as a database server where the stored procedure and triggers are developed to detect and filter incoming information received from AIDA. The monitoring system is also developed using Microsoft Visual Basic as for the administration purpose.

The experimental is set up with 11 computer's clients that are scheduled to send information back to the server. The results showed that the information is received and inspected correctly according to the initial design.