ABSTRACT

King Service Center Co., Ltd. was the first pest control company to receive Thailand's first pest control operating license from the FDA (Food and Drug Administration) in 1980. KiiS project started with a thought of wanting to improve King Service Center's work process of chemical treatment at customers' house, the management, and the utilization of information gathered from the customers' house.

After discussing with the company's executives, getting the user requirements, setting up the project objective and scope, this project came to an agreement of combining the information technology with a newly invented injection process in order to solve the company's classical problem of chemical smuggling and wastage.

The new injection process will be implemented to make sure that the chemical usage in the field work is correct with precision, and then the information technology will be used to store, manage and then utilize the data gathered from the field work. In order to accomplish this project, a co-development scenario with the company will be established, the student would be focusing on the software while the company on the hardware part.

After the new system has been developed, it will be put through several hardware and software tests to ensure full working capabilities and reliability. After tested, it will be implemented with the company's existing system in a direct cut over fashion. All the system users will be educated to make sure that they all know how to properly operate the new system. After all these steps have been followed, the system will be working efficiently to solve all the mentioned objectives and problems.