

# RESEARCH AND DEVELOPMENT OF AN E-ORDERING AND COMPUTERIZED INVENTORY MANAGEMENT SYSTEM FOR TAN YEE LENG SDN. BHD. IN DUNGUN, TERENGGANU

Prepared by: Pok Jye Yih

## ABSTRACT

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Nowadays, new technologies are growing rapidly and aware by different people elsewhere. With the availability of new technology, human is able to shift their task and responsibility to the technology. But using the information technology system nowadays, it can help to storing, retrieving, managing and controlling human information.

In this project the author had chosen a company to study and try to implement a useful information technology to the company. The company that the author chooses is Tan Yee Leng Sdn Bhd where they currently manually control over their business. In this project, the author has conducted the background study of the company. After that, he had identified the problem that faced by the company. The author also had given some suggestion of changes to the company in order to let the company solve the problems that they face currently.

The author had suggested the company to have an online ordering and computerized inventory control system. By having an online ordering system, the company will gain competitive advantage in the market. Besides that, the inventory system will help the company to control over their stock level.

This project consists of eight chapters. Each chapter consists of related information to the project. In chapter 1, the author had discussed about the company background. Then in chapter 2, the author had analyzed the problems faced by the company and he also gave recommendations for improvement. The author had suggested an E-ordering and computerized inventory management system to the company in order to overcome their problems. In chapter 3, the author had done some literature review for the related topics. The author investigates the proposed system according to technical, operational and economical feasibility in chapter 4.

After that, the author discusses about the tools and techniques that were used to develop the proposed system in chapter 5. In chapter 6, the author does the system designs for his proposed system and coded the proposed system in chapter 7. After that the author conducted a testing on the proposed system. It is to make sure that the system is free from errors and can function properly. In the last chapter, it consists of opportunities to enhance the proposed system.