

A STUDY AND IMPLEMENT OF ONLINE SELF-DESIGN AND PURCHASING GARMENT USING DECISION SUPPORT SYSTEM FEATURE (DSS)

Prepared by: Lau Wei Kim

ABSTRACT

In this project, it focuses the study on the web based application. The author is going to develop an online self design and purchasing garment system for tang Moi Hua Enterprise which is located in Yong Peng, Johor. From the current system, the author found out there are many problems existing in this company, therefore he will identify all of the problems and come out with alternative solutions.

The primary research was conducted by an interview and survey. This is because the author can collect more relevant information before he implements the proposed system. The author has interviewed the manager, Lau Hang Seng which it can enable the author to better understand the company business process. Besides that, the author also distributed 50 sets of questionnaires to the respondents to gain information for the user's requirement of this proposed system. Other than that, the author used the references books and as well as internet articles as a secondary research.

The reasons and the main features of the author implement this proposed system are it can allow the potential users to search different kinds of garments, design their own garment by using the design tools which provided in the garment system, using the Decision Support System (DSS) to search their suitable products and it can also help the users to make the decision when purchasing the garment. Therefore, a garment system can provide more services to the customers and the management will also gain advantages from it.

After implementing the proposed system, the author has come out with the testing strategy that included alpha and beta testing which can debug the errors in the system. Other than that, the future enhancement of the system was documented on order to have some improvement in the future.

At last, the author propose this system for Tang Moi Hua Enterprise is to allow this company to have a better management and improve their services to all customers. Therefore, the proposed system will be very useful for the customers and it will help them a lot when they use this system.