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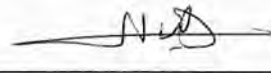
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TAILOR SYSTEM (TailorSys)

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**This report is submitted in partial fulfillment of the requirements for the
Bachelor in Computer Science (Software Development)**

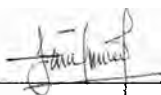
**FACULTY OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
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DECLARATION

I hereby declare that this project report entitled

TAILOR SYSTEM (TailorSys)

is written by me and is my own effort and that no part has been plagiarized
without citations.

STUDENT :  _____ Date : 29 JUNE 2009
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DEDICATION

Special dedicated to

**My beloved parents and siblings, who have encouraged, guided and supported me
throughout my study life.**

Pn Hidayah Bte Rahmalan and all my friends,

Thanks for guidance and support...

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Assalmualaikum W.B.T

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ABSTRACT

The development of this system is purposely to manage the business process and overcome problems faced by tailoring responsibility during managing their ordering process from customer. In current time, this tailor has no computer system to help them in managing their business. This will cause several problems occurred such as loss of data, cannot search finish cloths in one time. The revision has been made during developing the system and among the study are by searching on the internet about existing system that is similar with the system that want to be developed. Besides that, the study from related journals and books also has been made in order to help finishing this project. The output from this project is one computer system that can help the tailor to manage their ordering process.

ABSTRAK

Pembangunan sistem ini adalah bertujuan untuk melicinkan process pengurusan perniagaan dan mengatasi masalah-masalah yang dihadapi oleh setiap kedai kain dalam menguruskan proses pengambilan bilangan tempahan jahitan pakaian. Pada masa sekarang setiap kedai jahitan tidak mempunyai satu sistem komputer untuk menguruskan proses tersebut. Ini menyebabkan mereka menghadapi beberapa masalah seperti kehilangan data, kesulitan dalam mencari pakaian yang telah siap serta menguruskan data yang banyak dalam satu masa. Sistem ini akan digunakan oleh admin dan staf yang bertanggungjawab di setiap kedai jahit tersebut. Ia dibangunkan dengan merangkumi beberapa modul yang bertujuan untuk menyelesaikan masalah yang dihadapi. Beberapa kajian telah dijalankan semasa menjalankan projek ini dan diantaranya adalah dengan membuat kajian di internet berkenaan sistem yang sedia ada dan hampir sama dengan sistem yang ingin dibangunkan. Output yang dikeluarkan diharap dapat membantu melicinkan proses penempahan pakaian.

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LIST OF ABBREVIATIONS

ABBREVIATION	DESCRIPTION
ERD	Entity Relationship Diagram
FK	Foreign Key
OOA	Object Oriented Analysis
OOAD	Object Oriented Analysis & Design
OOD	Object Oriented Design
PC	Personal Computer
PK	Primary Key
RUP	Relational Unified Process
SQL	Structured Query Language
TailorSys	Tailor System
UML	Unified Modeling Language
VB.Net	Visual Basic.net

CHAPTER I

INTRODUCTION

1.1 Project Background

Tailor System as known as TailorSys is a client-server application which means it can be use at any tailoring company that provide casual uniform such as coat, blazer and school uniforms in any standard size. This system will use Visual Basic .NET to make this system more effective and efficient. Generally, the usage of this system is to make the daily job goes smoothly and easy. In this case, it is easy to make ordering, payments for the tailoring company. There are several functions that having in this system. It can be the 'cashier system', which means the staff at the tailoring shop can use this system to do the trading business. When the customers want to pay their purchase, the shopper or cashier will use this system to do the cashing. The development of this system also will change the way of user to make an order, the way of shopper to receive an order and also will change the method of payments in trading system. The user of this system is majority from the staff at the tailoring company who will control the input data of the ordering materials.

1.2 Problem Statement

1. Difficult to search customer cloths.

This will happened when the customer come to the shop to take an order. The staff has difficulty to search the cloths that customer has ordered. It is because the staff usually forgot what types of material of the cloths that the customer has been given earlier. Beside there are lots of cloths which may be similar to the certain order cloth.

2. Difficult to search customer information.

This situation happened when the staff wants to search the customer information that wants the staff to check at all the order details from the beginning in the ledger book. The information on the ledger are not well arranged and it will cause the difficulty and take some time to reach the information.

3. Difficult to search the finish cloths.

When the customer calls the tailor and asks for the cloth, it is difficult to tailor give feedback on sport. The same reason on number 2 due to the ledger book.

4. Difficult to search the due date of order.

The tailor will have some difficulty to search the order due date because of the order information is on the ledger book. Same reason on number 2.

1.3 Objective

- **To save time when make order and retrieve order .**

This system will reduce the time that the tailor have to use when make order and retrieve order. It is because this system will save all the information about the customers and orders. The information can be reach by searching the data on the system using the customer ID or order ID and all the information about the customers orders will appeared.

- **To access information of customers easily.**

Sometimes, the tailor wanted to know who are their customers and also what are their customers orders; especially when they want to start creating their customers clothes. This system will also provide the searching method by customer ID or names or orders ID. All the information about their customers will appeared very quickly and this is the easier way to find the record on database compared to ledger or traditional method.

- **To facilitate searching the finish cloths.**

There is a situation where the customer will called the tailor to ask whether their orders has been done or not. By using this system, the tailor can reach the information about their customer orders with juz one click. They will just have to key-in the customer ID or order ID, then click the search button. The result should appeared very quickly enough and this system surely very helpful to the tailors.

- **To provide cloth with a standard size or customize from the customer.**

This system will also provide the choice of size. The customers can make their choice of clothes by standard size and yet with the customers measurement size. This will help the customers and save many times in ordering when they come with a lot of orders.

1.4 Scope

TailorSys is a client server system which means it can share the data in server with the other users that use the system simultaneously. Besides that, this system will be developed by using the Visual Basic .NET to make the system more effective and efficient. It also can be used or run at Windows XP Professional platform and can be used at any tailoring company. The TailorSys will be developed for the main usage of the tailor administrator in the company that provides the casual uniform like coat, blazer, pant and school uniforms in any standard size. It also allows the customer who wants to order the coat, pant or the uniform with their own size of body. Which means the tailor can take the measurement of the customer's body and key-in into the system.

The modules in this system are log-in, query, order and payment. Moreover, there are two types of users that will use this system. There are the tailor administrator who manages all the data in the tailoring company. It can help the administrative to sort the data and will be more faster than use the manual system. Secondly, the staffs of tailoring company that help the administrative to take the order from customers and manage the order process. In security purpose, only the certain person has the authority to access this system in order to handle the administrative process.

1.5 Project Significance

This system will give benefits to all the users of tailor company:

- Efficient in managing customer data.
- Effective in managing payment.
- Easily to manage the customer data.

1.6 Expected Output

There are several output that will be come out from this project. Firstly, to make the daily job goes smoothly and easy. It will help the administrative to manage and search the data more faster and easily. Secondly, log-in which is the function for data security will be use to prevent from data losing or data stolen. Moreover, it also help the staffs of tailor company to receive and manage the order process become faster and systematic. A part from that, the customer may have the receipt that is inform the details order after making the order by using the system. Next, the customers also can have the receipt after they do the payment. All the billing are informed at the payment receipt. Lastly, by the developing of this system, it will change the method of the data controlling and management with also help the company to make the productivity to the company.

1.7 Conclusion

TailorSys will make the daily job goes smoothly and easier where all the data and the payment being control in one system. The major purpose of the development of this system is to overcome the problems that happen when the user used the traditional method of data management or manual method. This system can prevent

from the data losing and redundancy. The data also can be obtained multiple times faster than manual method of data searching. The user of this system also can key-in all the data faster and easily. In other words, by the development of this system, it will change the method of the data controlling and management in a meantime it is also will help the company and will make the productivity to the company. The next chapter will be discuss about the literiture review and the project methodology.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

This chapter will discuss about literature review on existing product and the product methodology that selected to be applied as the development guidance. Within this chapter also the comparison in term of features strength and weaknesses are taken into consideration. Each of the existing product will be determine and being presented in a comparison table. As for methodology, this chapter will uncover the project milestone, task schedule, component, material allocation for the project. The selected methodology would become guidance in order to keep track the development processes are according to plan.

2.2 Facts and Findings

According to the Tailor System (TailorSys), the facts and findings will be analyzed based on the domain and the existing system that involve in developing this system.

2.2.1 Domain

The domains of this TailorSys:

- This system is used for business application development which it is allow all the management run smoothly.
- These systems have an added value from manual to computerize. It is because the product that will be produced could be upgraded and integrated.
- These systems also have a commercial value. For example, with having this system in industry, cooperation project with textile industry may be carried out with more active. Somewhat it its help support in textile field.