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JUDUL: **REBELIOUS HOMEMADE CHOCOLATES SYSTEM**

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(HURUF BESAR)

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Alamat tetap: NO 24595 KM12,
Bukit Darat,
76400 Tanjong Keling,
Melaka, Melaka

Tarikh : 12/07/2011

(TANDATANGAN PENYELIA)

Mr Amir Syarifuddin Bin Kasim
Nama Penyelia

Tarikh : 12/07/2011

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REBELICIOUS HOMEMADE CHOCOLATES SYSTEM

ADIBAH AMALINA BTE ALI HASSAN

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

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

DECLARATION

I hereby declare that this project entitled

REBELICIOUS HOMEMADE CHOCOLATES SYSTEM

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

STUDENT : _____ Date: 12/07/2011
(ADIBAH AMALINA BT ALI HASSAN)

SUPERVISOR : _____ Date: 12/07/2011.
(EN AMIR SYARIFUDDIN BIN KASIM)

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ABSTRACT

vThe Rebelicious Homemade Chocolates System (RHCS) is a dynamic web based system used to manage chocolates sales, to efficient be in storing data and to allow buyers to have easy access to the services. It will be used by Rebelicious Homemade Chocolates who is owed by Aizah Zarirah Bt Ali Hassan to manage her business online. Using this system, users are able to browse for latest chocolates product without meeting the owner for product explanations. Furthermore, RHCS is a good system that allow buyer to order chocolates product, besides only registered customer could make orders online, this will enable administrator to store their customer particular for future used. All orders and details of the customer is stored automatically. RHCS is developed using PHP programming language and for database system, MySQL is used to create it. Tools that being used to create this system is Dreamweaver CS4 and WampServer. Dreamweaver is used to help in developing users and system interfaces.

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The Rebelicious Homemade Chocolates System (RHCS) is a dynamic web based system used to manage chocolates sales, to efficient be in storing data and to allow buyers to have easy access to the services. It will be used by Rebelicious Homemade Chocolates who is owed by Aizah Zarirah Bt Ali Hassan to manage her business online. Using this system, users are able to browse for latest chocolates product without meeting the owner for product explanations. Furthermore, RHCS is a good system that allow buyer to order chocolates product, besides only registered customer could make orders online, this will enable administrator to store their customer particular for future used. All orders and details of the customer is stored automatically. RHCS is developed using PHP programming language and for database system, MySQL is used to create it. Tools that being used to create this system is Dreamweaver CS4 and WampServer. Dreamweaver is used to help in developing users and system interfaces.

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CHAPTER I

INTRODUCTION

1.1 Project Background

The project was proposed to improve the current process of managing Rebelicious Homemade Chocolates products, their customers and any orders to the Rebelicious Homemade Chocolates product. Since Rebelicious Homemade Chocolates is a local chocolates product that is new in chocolates industries. Orders are usually being made manually. Manually means, if the customer is interested in ordering chocolates, they have to call or come to the respective seller to make orders. It is not efficient and the process of buying could be tedious if the customer could not contact the sellers (admin).

However, this particular problem could be solved by building a dynamic web application. Dynamic web application is more suitable than static web application because it allow the admin to change the content of the website more easily compare to static web page (e.g. Content, user (login session) or even the context).

The dynamic web should make things a lot easier for the owner (admin) of the Rebelicious Homemade Chocolates to handle any orders and easier for the customer to make orders.

The web will enable the customer to make orders, to browse the chocolates product, to buy online without going to the perspective place. The owner could also update the product in the website and see if any orders have been made. Customer could choose to pay using online banking or credit card. Once the payment is approved and received, a notification email will be sent to the customer to inform them. Customer could choose either to pick up the product by themselves or to be delivered. Extra charges will be given for delivery for the cost of delivery.

1.2 Problem Statements

The current system of Rebelicious Homemade Chocolates is not appropriate. The problem can be summarize as below:

i. The data is recorded manually using pen and papers. This is not an effective technique to be used. Loss of data due to fire, flood and etc can be prevented.

ii. The customer needs to contact the sellers (admin) to know about the latest discount, offer or about the chocolates product. This is very inconvenient because the seller (admin) might not pick up the phone, replies the email late or might not be available at the premises for the customer to place order.

iii. The prices of chocolates products are calculated manually. This cause problems to record the data and the owner do not know the actual profit.

iv. Customers are also requires to bring sufficient amount of money to make payment. Payment could only be made cash.

v. The details about customers are also not being managed properly. There are no sufficient details of customer recorded. In addition, difficulties will occur in keep tracking the order.

1.3 Objective

To make sure that the project is successful and runs smoothly, the objective of the project must be stated clarify. Below are the objectives for this project:

i. To manage product (edit/delete/add)of Rebelicious Homemade Chocolates.

ii. To develop user interface that allows users to interact with the system.

iii. To manage order of Rebelicious Homemade Chocolates product.

iv. To make product info being view without any difficulties going to certain place. Information can be view all freely and widely on the internet.

v. To increase order and sales by making the website as e-commerce website.

1.4 Scope

The scope of the project is as follows:

i. To make a ordering orders online possible.

ii. To come up with more manageable data storing.
iii. To allow owner to update product anywhere he/she is as long there is internet connection.

This project also has a limited function and for a particular population of users as follows:

i. The system is developed for small online business.
ii. The system is targeted for the use chocolates buyers within Malaysia and admin.
iii. The system is dynamic web based.
iv. The system will allow owner to modify product details and view orders online
v. The system should stored customers data automatically when they sign up.

1.5 Project Significance

This project is to ease the Rebellicious Homemade Chocolates owner in handling chocolates products and orders. It can definitely decrease the usage of time and the errors in storing data manually. This will enhance the sales performance and increase sales.

1.6 Expected Output

This project will produce a system that allows it Rebelicious Homemade Chocolates owner to manage their product and orders. It should be able to store data of sales, customer details and allow customer to make online ordering. Orders, sales and product details modification can be done online. This system enables the customer to make orders more easily and quickly.

1.7 Conclusion

Most of small business still theirs business in manual ways. They usually used pen and papers to take orders from customers. Customers have to either make those orders in phone or physically go to the owner themselves. Customers details, sales details and product details are also being stored manually in books or papers. This condition will cause problem because data can be damaged by natural disaster such as flood, fire or etc.

The system that will be build is dynamic web based application. It should help the owners to introduce Rebelicious Homemade Chocolates not only in Malacca but also to others state of the country. It should help customers in placing orders without any difficulties and allow them to browse and learn more about the product.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

2.1 Introduction

Dynamic website and Electric commerce (E-commerce) seems to be widely used by everyone in their daily life. Internet access makes it easier for people to browse into any websites from anywhere in flick of time. It is almost impossible to not to read about E-commerce or website in magazines or newspapers nowadays. E-commerce helps so much in making our daily life more convenient and easier. It is widely accepted that E-commerce and Internet technologies (dynamic website) can benefits an organizations.

Having an effective website is an important step for small business owners moving towards e-commerce. The research suggests that once a business has a clear online strategy through a website they are more likely to move to e-commerce (Julie Fisher,Annemieke Craig & John Bentley, 2007).

According to Dan-Andrei Sitar-Taut, Liana-Maria Stanca, Robert Buchmann and Ramona Lacurezeanu in 2009, an impressive number of virtual businesses were open despite the crisis, since others closed their doors due to the same reason. Development of dynamic website and applying e-commerce in the website offers a better opportunity in challenging business nowadays. It makes the connectivity to be reaches from almost anywhere in this world. This chapter reviews on E-Commerce

definition, dynamic web based definition and the proposed development methodology.

The workflow and all the planning process is needed before developing a Rebelicious Homamade Chocolates System. Planning phase is importing in making sure that the project finish according to the schedule.Work planning also is away to organize activities and coordinates that need to in the project.

A Gantt chart used to control process in develops this project. A good selection of methodology also gives effects to developers to produce a quality project methodology.

2.2 Fact And Finding

The literature review will be focus for the project and after the scope and objective had been determined. There are some references that have been identified including research of existing system. Here is some example that relates to the system.

2.2.1 E-Commerce

E-Commerce is one of ways being used for any type of business , or commercial electronic transaction that involves the transfer of information across internet. E-Commerce is defined as the use of computers and electronic networks to conduct business with other business or with customer over the internet or another electronic network. On the other hand, straight-on.com defined E-Commerce is is the conduct of a financial transactions by electronic means. With the huge success of commerce on the Internet, ecommerce usually refers to shopping at *online stores* on the World Wide Web, also known as ecommerce Web sites. Ecommerce can be business to business (B to B) or business to consumer (B to C).

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2.2.2 *Dynamic Web Based*

Dynamic websites contain Web pages that are generated in real-time. These pages include Web scripting code, such as PHP or ASP. When a dynamic page is accessed, the code within the page is parsed on the Web server and the resulting HTML is sent to the client's Web browser.

Most large websites are dynamic, since they are easier to maintain than static websites. This is because static pages each contain unique content, meaning they must be manually opened, edited, and published whenever a change is made. Dynamic pages, on the other hand, access information from a database.

Therefore, to alter the content of a dynamic page, the webmaster may only need to update a database record. This is especially helpful for large sites that contain hundreds or thousands of pages. It also makes it possible for multiple users to update the content of a website without editing the layout of the pages.

2.2.3 Online Business

Online businesses are no longer strange things for this decade. Since internet being introduced, the benefits of internet are being well used. There are some of shops that used internet as a medium to sells their product. Some of examples are, ammarahijabi.com, where they sell cloth and shawl online, juwita-handbag.blogspot.com and many more. Online business is online income system that the sellers get by selling products online.

According to Evans and Wurster in 2001, physical retailers and product suppliers still see internet as a medium for them to promotes their product and good for marketing. A greater opportunity for sellers to sell their product and to increase

According to Evans and Wurster in 2001, physical retailers and product suppliers still see internet as a medium for them to promotes their product and good for marketing. A greater opportunity for sellers to sell their product and to increase product sales. Online business requires less capital to set up a business and it can be home based as long as there is internet provider.

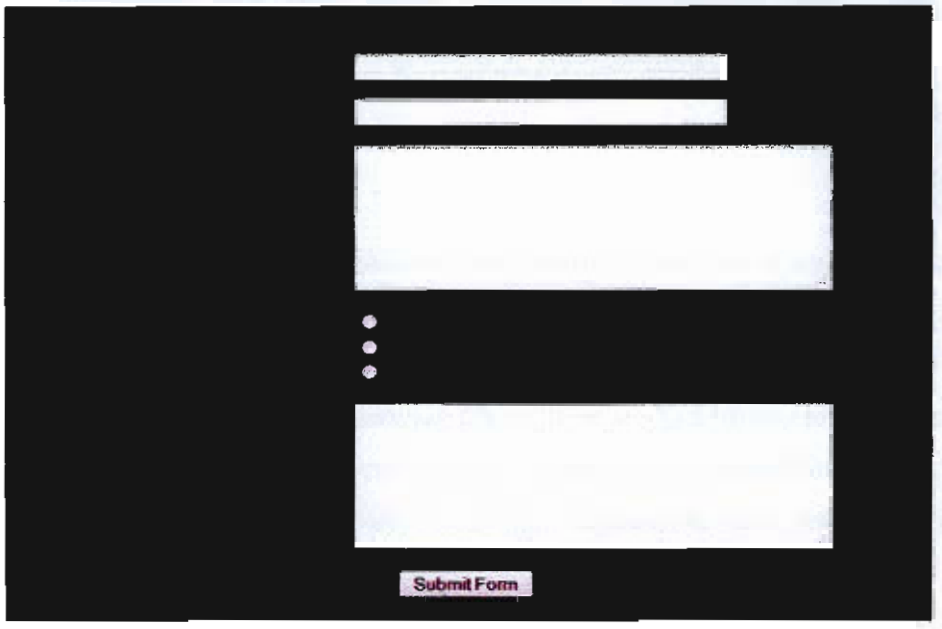

Figure 2.1: Ordering Form from ammarahijabi.com

2.3 Project Methodology

2.3.1 SSADM

Structured Systems Analysis and Design Method (SSADM) is a systems approach to the analysis and design of information systems. SSADM was produce for the CCTA, a UK government office concerned with the technology in government, from 1980 onwards. SSADM shows the flows and task of the development project and produce a detailed documentation of the project.

SSADM can reduce life cycle development costs by improve analysis and design. It helps improve the quality of system that will be delivered,improved project management, planning and control.the components of SSADM is the structure, its define the frameworks of activities, steps, stages, imputs and output. The thechniques *will define how the activities are performed and documentation will define the* product activities,steps and stages are presented. SSADM combines three methods, complementing each other within a systems development cycle: Logical Data Modelling, Data Flow Modelling, Entity Event Modelling.

2.3.2 Waterfall Model

For development Rebelicious Homemade Chocolates, a waterfall model will be used because it is suitable with this project.

Waterfall Model is a software life cycle or product life-cycle model, described by Royce (1998), in which development is supposed to proceed linearly through the phases of requirements analysis, design, implementation, testing (validation), integration and maintenance.

The Waterfall Model is considered old-fashioned or simplistic by proponents of object-oriented design, which often uses the spiral model instead. Earlier phases are sometimes called "upstream" and later ones "downstream".