


**REQUIREMENT MODEEL FOR WEB BASED CUSTOMER
ORDERING SYSTEM-SEGAR MART AS CASE STUDY**

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**UNIVERSITI UTARA MALAYSIA
2006**



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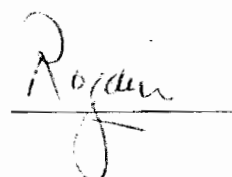
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ABSTRACT (ENGLISH)

The major concern among the farmers these days are on distributing their products to the right customers at the right time. These farmers have been depending on “middle-person” to take their products to customers. This situation has restricted farmers to be more successful in selling their products and earn better profits. In today’s digital economy, selling goods have moved from the traditional way to the new way of doing business on the Web. Seeing this as an opportunity, agricultural goods should not be excluded from this golden opportunity. This research project is intended to propose a requirement model for web-based customer ordering system. Requirement model provides a more structured and integrated guide for the development of the system and serves as a good starting point for system development to understand users’ requirement. To accomplish this research project, a case study has been conducted at Segar Mart which is a shop initiated by MOA for the farmers to sell their products direct to the customers.

The requirements captured from the study are modeled out using Unified Modeling Language’s (UML) notation. The prototype technique is used to validate the requirements. In this technique, a simple prototype is developed by using ASP as programming language, My SQL Database server and Macromedia Dreamweaver for interfaces.

ABSTRAK (BAHASA MALAYSIA)

Perkara penting yang menjadi isu di kalangan para petani pada masa kini adalah untuk memasarkan produk mereka kepada sasaran pelanggan yang betul serta bertepatan pada masanya. Kebanyakan daripada golongan petani ini terlalu bergantung kepada “orang tengah” selaku peraih untuk membawa produk mereka kepada pelanggan. Situasi ini telah mengekang kejayaan golongan petani untuk memperolehi keuntungan yang lebih baik. Dalam ekonomi digital hari ini, penjualan barang-barang telah beralih daripada kaedah tradisional kepada kaedah baru dan moden iaitu menjalankan perniagaan melalui Web. Memperlihatkan ini sebagai suatu peluang keemasan, produk pertanian seharusnya turut tidak ketinggalan dalam menggunakan peluang ini sebaik mungkin. Projek penyelidikan ini bertujuan untuk mencadangkan model keperluan untuk sistem tempahan pelanggan berasaskan Web. Model keperluan menyediakan panduan yang berstruktur serta berintegrasi untuk pembangunan sistem dan bertindak selaku titik permulaan yang penting untuk memahami keperluan pengguna sesebuah sistem. Untuk melengkapkan projek ini, suatu kajian kes telah dilaksanakan di Segar Mart iaitu sebuah kedai yang dilhamkan oleh Kementerian Pertanian untuk para petani menjual produk mereka terus kepada pelanggan. Keperluan yang didapati daripada kajian telah dimodelkan menggunakan notasi UML (*Unified Modelling Languages*). Teknik prototaip juga telah digunapakai untuk mengesahkan keperluan sistem yang dibangunkan. Dalam pembinaan prototaip, bahasa pemrograman yang telah digunakan ialah ASP (*Active Server Pages*) My SQL selaku pangkalan data serta program Dream Weaver telah digunapakai dalam pembangunan antaramuka pengguna bagi sistem tersebut.

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LIST OF ABBREVIATIONS

MOA	Ministry Of Agriculture
ASP	Active Server Page
SQL	Structure Query Language
UML	Unified Modeling Language

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CHAPTER 1

BACKGROUND OF THE STUDY

This chapter contains an overview of the study, problem statement, research questions, research objectives, scope, significance of the study and also output to be expected at the end of this research study

1.1 An overview of the study

Agriculture is the process of producing food, feed, fiber and other desired products by the cultivation of certain plants and the raising of domesticated animals (livestock). The agricultural economics profession has been constantly reshaping itself since the beginning of the 20th century. At that time, the economic importance of agriculture and the large proportion of the population working in this sector increased the value of research on farm management and the economics of agriculture, leading to the establishment of the farm management profession.

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