Universiti Teknologi MARA

PROBLEM ANALYSIS FOR SFK ANEKA ENTERPRISE KEREPEK ORDERING SYSTEM

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STUDENT’S DECLARATION

I certify that this report and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

This research was about developing a web based ordering system that focuses on problem in order to make sure that the problem stated is the actual one needed to be solved. The SFK Aneka Enterprise problem is low in security because company keeps the ordering data using manual system, lack of data management, difficulty in determining company sales and customer difficult to know product availability and prices. It is a challenge to accurately define requirements as it involves the subject matter expert and to meet the needs of business audiences. Hence, Cause and Effect Analysis (Ishikawa diagram) and Force Field Analysis technique was applied in analysis phase in order to determine the accuracy and correctness of the identified requirement. The project required a web-based system for an administrator to manage the customer account, manage order list, manage product, and manage the company and brand. There are two actors involved in this system which is customer who use the system to make order and admin who operates all in the system. This project used evolutionary prototyping as a method that consist of seven phased which are requirement gathering phase, analysis phase, prototype development phase, client evaluation phase, suggested improved phase, design phase and development phase where each of the phases has its own activities and deliverables. The findings of this project are to develop the ordering system for SFK Aneka Enterprise based on features resulted from Cause and Effect Analysis (Ishikawa diagram) and Force Field Analysis technique.
TABLE OF CONTENT

CONTENTS

SUPERVISOR’S APPROVAL ........................................................................................................ ii
STUDENT’S DECLARATION ....................................................................................................... iii
ACKNOWLEDGEMENT .............................................................................................................. iv
ABSTRACT ................................................................................................................................. v
TABLE OF CONTENT ................................................................................................................ vi
LIST OF FIGURES ...................................................................................................................... ix
LIST OF TABLES ......................................................................................................................... xii

CHAPTER ONE: INTRODUCTION ................................................................................................ 13
  1.1 Project Background ............................................................................................................. 13
  1.2 Problem Statement ............................................................................................................ 18
  1.3 Project Aim ........................................................................................................................... 19
  1.4 Project Objective ................................................................................................................ 19
  1.5 Project limitation .................................................................................................................. 20
  1.6 Project Scope ....................................................................................................................... 20
  1.7 Project Significant ............................................................................................................... 20
  1.8 Report Outline ..................................................................................................................... 20
  1.9 Summary .............................................................................................................................. 21

CHAPTER TWO: LITERATURE REVIEW ....................................................................................... 22
  2.1 Management Information System ....................................................................................... 22
    2.1.1 The Advantage of MIS .................................................................................................. 23
    2.1.2 The disadvantage of MIS .............................................................................................. 23
  2.2 Online Ordering ................................................................................................................... 23
    2.2.1 Characteristics of Online Ordering ................................................................................. 24
    2.2.2 Factor That Influence Online Ordering Behavior .......................................................... 25
    2.2.3 Type of Online Ordering ................................................................................................ 28
    2.2.4 Features of Online Ordering .......................................................................................... 29
    2.2.5 Advantage of Online Ordering ...................................................................................... 31
    2.2.6 Disadvantage of Online Ordering ................................................................................ 32
  2.3 System Requirement ............................................................................................................. 32
    2.3.1 Type of Requirement ....................................................................................................... 33
CHAPTER THREE: METHODOLOGY

3.1 Evolutionary Prototyping ................................................................. 52
3.2 Requirement Gathering ................................................................. 53
  3.2.1 Prepare Question Based on Literature Review ............................. 54
  3.2.2 Conduct Interview and Observed the Ordering Process in the Organization .................................................. 56
3.3 The Iteration ...................................................................................... 56
  3.3.1 Analysis ...................................................................................... 57
  3.3.2 Prototype Development ............................................................... 58
  3.3.3 Client Evaluation ......................................................................... 59
  3.3.4 Suggested Improvement .............................................................. 60
3.4 Design ............................................................................................... 61
  3.4.1 Design Model ............................................................................... 62
  3.4.2 Design the System Interface ....................................................... 63
  3.4.3 Design the Database ................................................................. 64
  3.4.4 Document the System Design Model .......................................... 64
3.5 Development .................................................................................... 65
  3.5.1 Develop the SFK Aneka Enterprise Kerepek Ordering System ....... 66
3.6 Hardware and Software Requirement ................................................. 66
  3.6.1 Hardware Requirement ............................................................... 66
  3.6.2 Software Requirement ............................................................... 67
3.7 Chapter Summary ............................................................................... 67

CHAPTER FOUR: RESULTS AND ANALYSIS ................................................. 70
4.1 Requirement Gathering .................................................................... 70
  4.1.1 Prepare question based on Literature Review .............................. 71
  4.1.2 Conduct interview and observed the ordering process in the organization .................................................. 71
4.2 The Iteration ..................................................................................... 76
  4.2.1 Analysis ...................................................................................... 76