

SALARY INFORMATION SYSTEM

(CASE STUDY AT SME's TIARA HANDICRAFT)

UNDERGRADUATE THESIS

Proposed As a Requirement for Bachelor Degree Business Administration
Brawijaya University

**Ade Rizal Winanda A.
105030201121010**



BRAWIJAYA UNIVERSITY
FACULTY OF ADMINISTRATIVE SCIENCE
BUSINESS ADMINISTRATION
MANAGEMENT OF INFORMATION SYSTEM
MALANG
2014

MOTTO

DREAM BIG, WORK HARD,

STAY FOCUSED & SURROUND YOURSELF WITH GOOD PEOPLE.

NEVER GIVE UP, GREAT THINGS TAKE TIME

BOARD OF EXAMINERS APPROVAL

Has been maintained in front of the board of examiners of undergraduate thesis,

Faculty of administrative Science, University of Brawijaya on :

Date : Wednesday, 5th November 2014

Time : 08.00 a.m – 10.00 a.m WIB

Author : Ade Rizal Winanda A.

Student ID (NIM) : 105030201121010

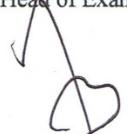
Concentration : Management of Information System

Title : Salary Information System (Case Study at SME's Tiara Handicraft)

Passed

Board of Examiners

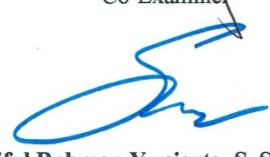
Head of Examiner


Dr. Kertahadi M.Com
NIP. 19540917 198202 1 001

Co-Examiner


Devi Farah Azizah, S.Sos, M.AB
NIP. 19750627 199903 2 002

Co-Examiner


Saiful Rahman Yuniarto, S. Sos, MAB
NIP. 19760621 200212 1 011

Co-Examiner


Rizki Yudhi Dewantara, S.Sos, M.PA
NIP. 19770502 200212 1 003

BOARD SUPERVISOR APPROVAL

Title : Salary Information System (Case Study at SME's Tiara Handicraft)

Arranged By : Ade Rizal Winanda A.

Student ID (NIM) : 105030201121010

Faculty : Faculty of Administrative Science

Department : Department of Business Administration

Malang, 9 September 2014

Board of Supervisor,

Supervisor I

Supervisor II


Dr. Kertahadi M.Com
NIP. 19540917 198202 1 001


Devi Farah Azizah, S.Sos, M.AB
NIP. 19750627 199903 2 002

DECLARATION

The work in this undergraduate thesis is based on research carried out on Salary Information System. To the best of my knowledge, no part of this thesis has been submitted elsewhere for any other degree or qualification and it all my own work except where due reference has been given.

Malang, 10 Oktober 2014



Aae Kizai Winanda A.

SUMMARY

AdeRizalWinandaAmasijo, 2014 **Salary Information System, (Case Study at SME's Tiara Handicraft).** Dr. Kertahadi M.Com and Devi Farah AzizahS.Sos, M.AB, 111 pages+xiii.

Tiara Handicraft is one of the Small Medium Enterprise in Surabaya that produce a lot of creative products which use fabric as primary material. Started from hobby to make special gift, now tiara handicraft grow into small medium enterprise with high amount of demand. The variety of product is much, started from gift, household equipment such as pillow, table case, curtain, wedding souvenir, clothes and bags. Tiara Handicraft not just serve domestic customer but also foreign customer such as from USA, Japan, Iceland, Netherland and Brazil. The most interesting thing is among 38 people work in tiara handicraft, 90% of them has disability. With so many kind of product and salary calculation method use productivity based there comes high complexity that become trouble to company.

The purpose of this research is to understand the company salary system and analize what is the weakness of the existed system. Analyzing the source of problem is also important since system already running from long time ago and must be adjust with present condition. This study also explain about how to find the system weakness and propose solution of system weakness and trouble.

The research method use is descriptive research with case study approach. Descriptive research is important to understand system weaknesses and solution to solve the problem. Descriptive research method also give a lot of advantage in describe existed system and analyze the company condition and preparation to received new system to solve problem. Analysis data will involve analyzing existed system characteristic and problem.

The result of this research is new system design to solve the existed system problem. The process of making new system is designing the logic and physic of the system. Afterward designing database and coding. Final process of system design is examine the system. Examining process is important to check whether system can be run well as it design from beginning or still have bugs to fix.

FOREWORD

Alhamdulillah, thanks to Allah SWT, that grace and have guide the researcher to finish the minor thesis entitled as **“Salary Information System, (Case Study at SME’s Tiara Handicraft Surabaya)”**

This undergraduate thesis is a final project proposed to comply with the requirements to get the degree of Bachelor of Business Administration at Faculty of Administrative Science.

It is really understood by the researcher that in the process of writing this undergraduate thesis has involved so many parties that give a support, suggestion, criticism, and also encouragement during the research. That's why the researcher would give a thanks to:

1. Prof. Dr. Bambang Supriyono, MS, as the Dean of the Faculty of Administration University of Brawijaya.
2. Dr. Wilopo, M. AB, M.Si. Head Department of Business Administration, Faculty of Administrative Science, University of Brawijaya.
3. Mr. Rizki Yudhi Dewantara, S.Sos, M.PA as the Secretary of the Department of business administration Faculty of Administration University of Brawijaya.
4. Dr. Kertahadi M. Com as the head supervisors that help in improving this research by giving a suggestion, guidance, and the new knowledge.
5. Devi Farah Azizah S.Sos, MAB, as the co-supervisors that help in improving this research by giving a suggestion, guidance, and the new knowledge.

6. Lecturers in Business Administration Department that have given the researcher a guidance, suggestion, and transfer knowledge that have given so many benefit for researcher.
7. Yudha Dharmawan, as the owner of Tiara Handicraft that gave the researcher an authority for conduct the research.
8. The whole of Tiara Handicraft that have help in the process of analyzing and writing the enquiry by giving necessary information.
9. The big family of “Mahasiswa Administrasi FIA UB”, thank you for the support and suggestion during the research and writing the report.
10. Thank's to Fitria Intan, Zaki Zamrudi, Nanda Primidia, Radity Lukinanda, Rizka Suhana for the support and encouragement.
11. The whole parties that can't be mentioned one-by-one that also have a role in finishing this undergraduate thesis.

Malang, 10 September 2014
Author

Ade Rizal Winanda A.

TABLE OF CONTENT

MOTTO	i
BOARD OF EXAMINER APPROVAL.....	ii
BOARD OF SUPERVISOR APPROVAL.....	iii
DECLARATION.....	iv
SUMMARY.....	v
FOREWORDS.....	vi
TABLE OF CONTENT.....	viii
LIST OF FIGURE.....	xi
LIST OF TABLE.....	xiv

CHAPTER I INTRODUCTION

A. Background	1
B. Formulation of Problem	3
C. Research Purpose.....	3
D. Research Contribution.....	4
E. Systematic Discussion.....	4

CHAPTER II THEORITICAL FRAMEWORK

A. System.....	7
1. System Definition	7
2. System Characteristic and Component	8
3. System Classification.....	9
4. SDLC	12
B. Information	15
1. Information Definition	16
2. Information Quality.....	16
3. Information Cycle	17
C. Information System.....	17
1. Information System Definition	17
2. Information System Component	18
3. Information System Framework	20

D. Accounting Information System	21
1 Transaction Processing System.....	22
2 General Ledger/Financial Reporting Systems	22
3 Management Reporting System	22
E. Salary and Wages.....	22
F. Salary System.....	24
G. System Design	26
H. Data Flow Diagram.....	27
I. Data model	27
J. Database.....	28
K. Relational DBMS.....	28
L. Small and Medium Enterprises.....	29

CHAPTER III RESEARCH METHOD

A. Type of Research	33
B. Focus of Research	34
C. Location and Sites of Research.....	35
D. Source of Data.....	35
E. Data Collection.....	36
F. Instrument Research.....	38
G. Data Analysis	39

CHAPTER IV RESULT AND DISCUSSION

A. General Description of Tiara Handicrat.....	44
1. Short History of Tiara Handicraft	44
2. Vision and Mission	46
3. Research Location	47
4. Organization Structure	47
5. Human Resource	48
6. Existed Information Sistem.....	51
B. System Analyze	53
1. Problem Identification.....	53
2. Understanding System Worked.....	54

3. System Weakness Analyze	58
4. Information Needed Analyze	58
5. Technology Needed Analyze	59
C. System Design.....	60
1. Model Design.....	60
2. Database Design.....	73
3. Table Relation	79
4. Table Structure	79
5. System Implementation.....	83
6. System Examination.....	83
CHAPTER V SUGGESTION AND CONCLUTION	
A. Conclution.....	106
B. Research Limitation.....	107
C. Suggestion.....	108
REFERENCES.....	109
APPENDIXES.....	111

LIST OF FIGURE

1.	System Development Life Cycle	12
2.	Information Cycle	17
3.	Information System Framework	20
4.	Accounting Information Flow.....	21
5.	Tiara Handicraft location	44
6.	Tiara Handicraft Product.....	45
7.	Tiara Handicraft Organization Structure.....	48
8.	Tiara Handicraft Document.....	51
9.	Tiara Handicraft Flowchart.....	53
10.	Context Diagram.....	61
11.	DFD Level 0.....	62
12.	DFD Level 1 Login Process.....	63
13.	DFD Level 1 Data Master Process.....	64
14.	DFD Level 1 Transaction Process	66
15.	DFD Level 1 Report Process	67
16.	DFD Level 2 Admin data input.....	68
17.	DFD Level 2 Worker Data Processing	69
18.	DFD Level 2 Product Data Processing	69
19.	DFD Level 2 Job Data Process	70
20.	DFD Level 2 Customer Data Process	70
21.	DFD Level 2 Order Record Process.....	71
22.	DFD Level 2 Workplan Process	72
23.	Program Physical Design.....	73
24.	Program Table Relation	79
25.	Login Form	83
26.	Filled Login Form	84
27.	Warning Message.....	84
28.	Main Menu	84
29.	File Tab	85
30.	Exit Symbol on top right corner.....	85
31.	Master Tab	85

32. Worker Form.....	86
33. Saving Done Message.....	86
34. Worker Data	87
35. Customer Form	87
36. Saving Done Message.....	88
37. Customer Data.....	88
38. Product Form.....	89
39. Saving Done Message	89
40. Product List	90
41. Job Form	90
42. Saving Done Message	91
43. Job List.	91
44. Transaction Tab.....	92
45. Order Form.....	93
46. Saving Done Message	93
47. Order List	94
48. Work Plan Form.....	95
49. Work Plan Form.....	96
50. Saving Done Message	96
51. Work Plan Form after Job Distribution.....	96
52. Finished Job Form.....	97
53. Finished Job Confirmation.....	97
54. Work Plan Status Message.....	97
55. Finished job form After Status Change.....	98
56. Payment Form	98
57. Payment Confirmation	99
58. Payment Status Message	99
59. Payment Status change.....	99
60. Report Tab.....	100
61. Order Report Form	100
62. Order Report.....	101
63. Job Process Report Form	101
64. Job Process Report	102

65. Worker Salary Report Form.....	103
66. Personal Worker Salary Report.....	103
67. Sample Summary Worker Salary from two people	104

LIST OF TABLE

1.	Comparision of Manual Salary System and Salary Information System	55
2.	Admin Entity Attribute	75
3.	Customer Entity Attribute	75
4.	Worker Entity Attribute	76
5.	Order Entity Attribute	76
6.	Product Entity Attribute	77
7.	Job Entity Attribute	77
8.	Work Plan Entity Attribute	78
9.	Admin Table Structure.....	80
10.	Customer Table Structure	80
11.	Worker Table Structure.....	81
12.	Order Table Structure.....	81
13.	Product Table Structure.....	82
14.	Job Table Structure	82
15.	Work Plan Table Structure.....	83