YGK Payroll System

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A thesis submitted in partially fulfilment of the requirement for the award of degree of Bachelor of Computer Science (Computer System and Networking)

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ABSTRACT

The main purpose of this project is to provide admin of YGK Jewellery Sdn. Bhd. the easiest way to calculate the target commission, count the total salary and produce a detail salary slip and produce a total monthly commission report and whole year total report in details. This project is carried out to solve the problem face by the admin of YGK Jewellery Sdn. Bhd. such as waste a lot of time in calculate the commission and target commission of each employee since the rate of commission and target commission of supervisor and sales assistants are different. With this project, the admin can count the total salary of each employee easily and also can produce the salary slip and a whole year total report in details. With this, it will save a lot of time and also easy the work of admin in payroll calculation activity.

ABSTRAK

Tujuan utama projek ini adalah untuk menyediakan admin YGK Jewellery Sdn. Bhd cara yang paling mudah untuk mengira komisen sasaran, mengira jumlah gaji dan menghasilkan slip gaji terperinci dan menghasilkan laporan komisen jumlah bulanan dan laporan jumlah sepanjang tahun secara terperinci. Projek ini dijalankan untuk menyelesaikan masalah yang dihadapi oleh admin YGK Jewellery Sdn. Bhd. Seperti membazirkan banyak masa dalam mengira komisen dan komisen sasaran setiap pekerja sejak kadar komisen dan komisen sasaran penyelia dan pembantu jualan adalah berbeza. Dengan projek ini, admin boleh mengira jumlah gaji setiap pekerja dengan mudah dan juga boleh menghasilkan slip gaji dan jumlah laporan sepanjang tahun secara terperinci. Dengan ini, ia akan menjimatkan banyak masa dan juga memudahkan kerja admin dalam aktiviti pengiraan gaji.

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CHAPTER 1

INTRODUCTION

1.0 Introduction

Nowadays, information and communication technologies are growing from year to year. In this technological era, most of the management is done by computer and all the information is stored in the database. The importance of computer in business is to reduce manpower, easy the work, saving time and cost.

The main purpose of this project is to produce "YGK Payroll System" for YGK Jewellery Sdn. Bhd. The advantages of this system is to facilitate the admin to add and edit employee details, calculate the employee commission and salary and also produce a full list of salary slip for each employee and a full whole year report of total salary, total commission, total bonus that company need to paid.

1.1 Background

In the past, the information management is using paper to record and stored in file. For YGK Jewellery Sdn. Bhd., the admin use a voucher book to write a salary slip and count the commission and other lump sum count of each employee with the receipts they gather for a month. Every month the admin need a lot of time to calculate the salary of each employee. Moreover, this is manual calculation there will be many mistake occur such as commission target rate and commission rate count wrongly because it gather the receipts of whole month.

By using a computerized system, YGK Jewellery Sdn. Bhd. can do calculation activity smoothly, fast and also saving time. YGK Jewellery Sdn. Bhd. no longer needs to use a voucher book and waste a lot of time in calculation and reduce the calculation mistake. In addition, the employees can get the full details salary slip. The most important is the company can get a full whole year report. Therefore, this project will produce a payroll system that is useful and help people.

1.2 Problem Statement

After research and interview had made with the admin of YGK Jewellery Sdn. Bhd., found out that "YGK Payroll System" should be develop. This is because from the expectation of YGK Jewellery Sdn. Bhd., the admin want the calculation of the commission and salary become easier in their payroll calculation activity and can produce a complete report.

The problems that faced by the admin and boss of YGK Jewellery Sdn. Bhd. is waste a lot of time. The admin need waste a lot of time in calculate the target of commission rate since the target commission of supervisor and sales assistants are not same. Furthermore, the commission rate of different jewellery is also different. The admin need waste a lot of time in calculate it one by one manually. Furthermore, lost of receipts that gather for a month which keep a lot of receipts, lost of receipt and also the writing that is confusing can cause the calculation problem and make a lot of inconvenience for the admin to calculate the commission and salary.

The motivation of this project is to let the admin to calculate the target commission rate easily for each employee. With this project, the admin also can count the total salary of each employee easily and also can produce the salary slip and a whole year report in details. With this, it will save a lot of time and also easy the work of admin in payroll calculation activity.

1.3 Objectives

The objectives of this project are to:

- i. Calculate the target commission easily.
- ii. Count the total salary and produce a detail salary slip.
- iii. Produce a total monthly commission report and whole year total report in details.

1.4 Scopes

The scopes of the project are:

- i. Microsoft Visual Basic 2010 Express
- ii. MySQL (SQLyog Community)
- iii. Admin of YGK Jewellery Sdn. Bhd.

1.5 Thesis Organization

This thesis consists of six chapters. In Chapter 1, it is introducing the whole idea of the project that will be developed and this chapter is including the objectives of the project, problem statement and scopes of work. In Chapter 2, I am going to explain about the literature review of the project. It will discuss about the existing system and current technologies used. Chapter 3 discussed the approach, method or technologies for the project that will be used while designing and implementing the project. The information that needs to be including in the thesis are introduction on how the project has been conducted, project methodology, methodology selection justification and software and hardware necessity. Chapter 4 is to explain about the designed project development and all the processes that involve in the development of the project. It is also explaining the method that involve in the development and how it is developed. Chapter 5 will discuss about the results and the discussion. This chapter will explain the results and data analysis that had been acquired and this chapter must include result analysis, project limitation and suggestion and project enhancement. Chapter 6 discuss about the conclusion of the developed project and summarize it.

CHAPTER 2

LITERATURE REVIEW

2.0 Introduction

This chapter is discussing about the literature review of the project that will be carried out. This chapter also study and explains about the technique, method, equipment or technology that can be used in the project. This project is carried out to produce a payroll system for YGK Jewellery Sdn. Bhd. In this chapter will discuss about the present review of some related project with this project and what technique, method, equipment or technology that require in the project. The sub-title that include in this chapter are review of some related project, Microsoft Visual Basic, MySQL and SQLyog Community.

2.1 Existing System

This part is to review the existing system that related to current system which is YGK Payroll System.

2.1.1 Payroll Management System

This Payroll Management System is being developed using Visual Basic 6.0, Oracle 8.0, Active X and Windows 98 or Windows 95 to take care of day to day Attendance of All Employee. Its activities include are keeping the details of day In, Out, OD and others. Moreover, the master and transaction activities are divided into module to easy the operation of activities. The data of this Payroll Management System can be taken and restore effectively as backup [1]. The features of this Payroll Management System are:

- Manage the daily attendance of employee
- Date wise reports
- Maintainable and updateable
- Timing setter
- Shift wise attendance entry
- Multi-level attendance entry and reports
- Easy to handle
- Secure and reliable

2.1.2 Odyssey Payroll System

Odyssey Payroll System is using IBM mainframe for the payroll system. It is focuses on Time and Attendance of the employee. This payroll system is computer language based environment. There is no button to click but put the cursor to the related word and press Enter or type the related word to enter the system. It is divided into many menu to easy the operation of the activities. The function menus of Odyssey Payroll System includes are Employee Demographics menu, Position Control menu, Classification and Assignment menu, Time and Attendance menu, Benefits and Deductions menu, Employee Reviews and Awards, Applicant Tracking, Codes File Maintenance, Payroll On-line menu, Reports menu and College Specific menu. This system also give authorized to the preparer and the authorizer to access the specific menu and specific function from the menu.

PET205N1 Nov 14,97	***** PERSONNEL / PAYROLL ***** - Maintain an Employee's Attendance Days -						
Act Date	Day *Type		Time Types exceed Bala		Time Type		Used in Period
07/03/199 07/03/199		2.25 1.87 7.50	Scroll: PERS SICK		Scrol FLEX PERS SICK VACA	15.00	2.25 9.37
SSN: 2306800	 11 Position:	14120	Assignment	Start:	07/01	/1997 End:	
Hours Per Day Name: DOUGLAS	07.50	Report MARC	ing Period -	Start:			07/15/1997
Add (ору D	isplay	Modify	Purge			

Figure 2.1: Interface for the Odyssey Payroll System - Maintain an Employee Attendance

Days (Salaried).

2.1.3 Infonetics Payroll System

The payroll system is used to maintain a list of employee details and information and is used to calculate and print payroll checks. In this payroll system, employees' hours are entered and distributed to appropriate department. Moreover, annualized tax tables are then used to automatically compute deductions before the check is printed on bank stock. Next, monthly and quarterly reports are used to prepare tax filings, and provide analytical information. Finally, form W-2's can be generated automatically at year-end.

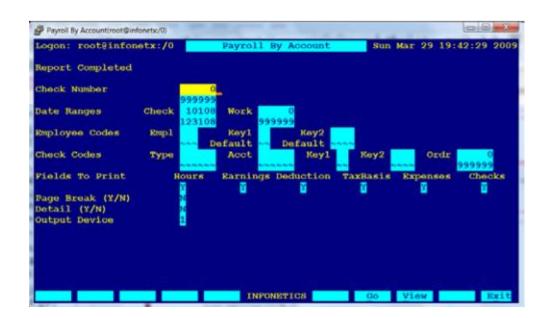


Figure 2.2: Interface for Infonetics Payroll System: Setup Screen – Payroll by Account.

52222	Void 🗌		a's social security number 6—54—1224	For Official Use Only OMB No. 1545-0008							
b Employer identification number (EIN) 31-907789			1 Wages, tips, other compensation 30580.00			2 Federal income tax withheld 4092.71					
 Employer's name, address, and ZP code YOUR COMPANY NAME, INC. 			3 Social security wages 30580.00			4 Social security tax withheld 1895.96					
1234 Som	ewhere	Stree	et			30580.00			443	edicaro tax withheld 443.41	
SOME CIT	Y, ОН	43123	3		_				Allocated tips	hara fin	
						9 Advance EIC payment			10 Dependent care benefits		
 Employee's first no ROSE P. 	ame and initial	Last N(ORMAN		Suft	11 Nonqualified plans			12a See instructions for box 12		
3477 ANY	3477 ANYWHERE AVENUE					13 3MA		125			
ANYWHERE, OH 43228				14 08	CAFE 125	120					
			2550.00			124					
f Employee's address and ZP code 15 State Employee's state ID number OH 51 678899 30580.00		16 State wages, tips, etc. 30580,00	17 State income ta 1 3 1 6 , 8 5			18 Local wages, fps, etc. 30580,00		calincome tax 580,00	20 Localty name CITY		
01 01 0	10055		50500.00	1.51		0.5	50500.00	50	500.00	0111	
Form W-2 Wage and Tax Form W-2 Statement 2009 Copy A For Social Security Administration — Bend this entire page with Form W-3 to the Bocial Security Administration; photocopies are not acceptable.											
Do Not Cut, Fold, or Staple Forms on This Page - Do Not Cut, Fold, or Staple Forms on This Page											

Figure 2.3: Sample Output for Infonetics Payroll System – W-2.