MATSYODARI SHIKSHAN SANSTHA's
College of Engineering & Technology
Campus for Engineering, Polytechnic & MBA

(Polytechnic)

Computer science & Engineering Department
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Micro Project
on
"Simple Payroll System in PHP "

Subject :-- WBP (22619)

Submitted By

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Abstract :

A payroll system is an important software program that calculates payroll accurately in compliance with taxing authority. Payroll software developed for small businesses in Malaysia are simple to use and affordable. These systems can calculate taxes and deductions according to the Malaysian tax system.

Use of Payroll software is efficient way of calculating pays than a manual system. Payroll software programs simplify information, generate reports, and minimize manual efforts. The simplicity and effectiveness of payroll systems provide great advantages to organizations. These systems allow easy management of employees' salaries, wages, taxes and other deductions.

Companies need to be extra careful while calculating taxes, EPF and SOCSO to prevent any mistakes. Calculating salaries accurately builds trust among employees therefore; easy to use payroll system is quite helpful in providing accurate calculations. Payroll Software provides complete solution of your payroll needs.

1. Introduction:

Payroll system is the heart of any Human Resource System of an organization. The solution has to take care of the calculation of salary as per rules of the company, income tax calculation and various deductions to be done from the salary including statutory deductions like Income tax and provident fund deductions. It has to generate pay-slip, cheque summary and MIS reports. It is understood that we are tired of managing thousand of odd papers, pay slips, payroll reports, and salary details and so on. Imagine that we have a payroll processing system which will generate our pay slips and payroll reports within seconds. We can help others automated your payroll system by developing a customized payroll application that suits your specific requirements.

The proposed project "Simple Payroll System" has been developed to overcome the problems faced in the practicing of manual system. This software is built to eliminate and in some cases reduce the hardships faced by the existing system. Moreover this system is designed for particular need of the company to carry out its operations in a smooth and effective manner. This web application is reduced as much as possible to avoid errors while entering data. It also provides error message while entering invalid data. It is user-friendly as no formal knowledge is required to use the system. Human resource challenges are faced by every organization which has to be overcome by the organization. Every organization has different payroll management needs. Therefore We have design exclusive Payroll Management System that are adapted to the organization's Managerial Requirements.

2. Purpose

The purpose of this document is to describe the functionality and specifications of the design of a web application for Managing Employees payroll. The expected audiences of this document are the developers and the admin of the web application. Now with the help of this system the admin has the information on his finger tips and can easily prepare a good record based on their requirements. Finally, we can say that this system will not only automate the process but save the valuable time of the manager or the admin, which can be well utilized buy his institute. This will be an additional advantage and management of power based on their free time from his normal duty.

Main aim of developing Employee Payroll System is to provide an easy way not only to automate all functionalities involved managing leaves and Payroll for the employees of Company, but also to provide full functional reports to management of Company with the details about usage of leave facility.

We are committed to bring the best way of management in the various forms of **payroll system.** We understand that **payroll system** in not a product to be sold, it is a tool to manage the inner operation of Company related to employee Payroll.

3. Project Category: Web Based Application

Available Technologies:

Languages:

- HTML,
- PHP,
- CSS.

Database:

- MySQL

Web Server:

- XAMPP Apache Server and MySQL server

Tools Used:

Editor Used: Sublime Text 3

4. Requirements

Hardware Configuration:

Computer processor : Pentium4(min)

Hard Disk : 10Gb(min) RAM :512MB(min)more

Software specification:

Operating System : WINDOWS XP or above

Browser: Any

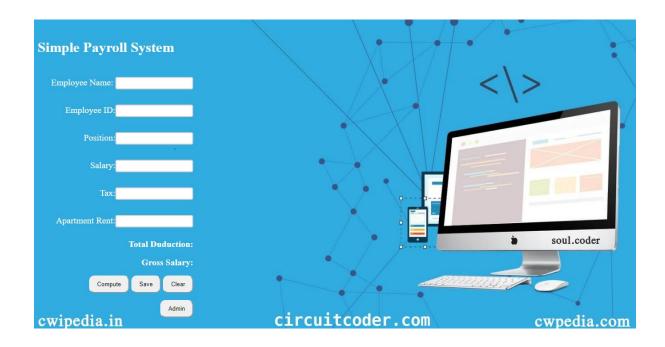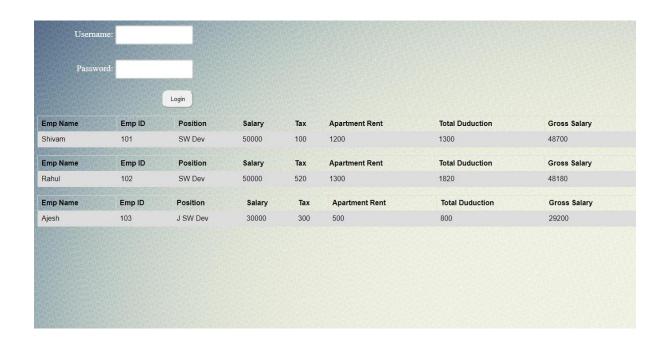Language used : PHP,HTMl,CSS and MySql Database

5. Features

- Easy to use.
- It is completely secure.
- It is completely controlled by Admin.
- This system is easily compatible with most of the web browsers.
- It is very interactive and saves time.
- Reduces paper works.
- Calculations are automated so it is highly accurate.
- Admin can view all the records whenever necessary with ease.

6. Future scope of the work

- The option to print the records In future.
- I intend to add a leave structure in the future.
- I would like to implement a regular backup mechanism to back up the employee database to avoid disasters.
- The system can be developed in such a way that its existing features can be modified to better versions.

7. Output

Emp Name	Emp ID	Position	Salary	Tax	Apartment Rent	Total Duduction	Gross Salary
Shivam	101	SW Dev	50000	100	1200	1300	48700

Emp Name	Emp ID	Position	Salary	Tax	Apartment Rent	Total Duduction	Gross Salary
Rahul	102	SW Dev	50000	520	1300	1820	48180

Emp Name	Emp ID	Position	Salary	Tax	Apartment Rent	Total Duduction	Gross Salary
Ajesh	103	J SW Dev	30000	300	500	800	29200

8. Conclusion

This project is built keeping in mind that it is to be used by only one user that is the admin. It is built for use in small scale organization where the number of employees is limited. According to the requested requirement the admin can view data in his organization. The admin can save records. The Admin can also add predefined pay grades for the employees. The required records can be easily viewed by the admin anytime time he wants in an instant. The payment of the employee is based on monthly basis. Numerous validations implemented would enable the admin to enter accurate data. The main objective of this framework is to save time, make the system cost effective and management records efficiently.