

ONLINE PAYROLL SYSTEM

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School of Computing
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ABSTRACT

The online payroll system is a web application for maintaining activities. The goal is developing an online payroll system for keeping Employee information, Salary, Trainers, Free lancers trainers, training schedule, candidate information payments, fees, course details, documents and queries and keep track of queries from advertisement and company expenses, income. This format easy to use. The main advantage of the project is to reduces the work for the administration. In the traditional model the administration has to maintain every information in papers or excel sheet. This makes the administration to find the particular information very hard and it also consumes a lot of time which reduces the company growth. It tracks all the details about the Working Points, Appraisals, Payroll. Ensure employee's are paid on time and make sure the accuracy of the quantity employee's are paid.

TEAM MEMBER DETAILS

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INTRODUCTION

An Online payroll software is a web-based payroll application that provides features as to calculate the amount of employees based on factors such as the time they worked, their hourly wages or salaries, and whether they took leave during the pay period. This application adjusts gross pay by calculating and subtracting taxes and other withholding amounts. The online format allows easily to calculate pay based on hour, overtime and bonuses and to automate the payments into the designated bank account of employees.

Accentra Technologies (India) Private Limited, Trichy has outgrown its current payroll system that will allow for further growth and provide additional features, hence decided to switch from manual to automation testing for the following reasons: Test automation gives separate way for the teams to use software in the correct order of execution for obtaining the accurate results for all tests and obtaining reports. Cuts down on the human error that exists frequently during the manual tests and maximize the efficiency of the test by streamlining the projects for its successful completion. Manual testing is a time taking process that might spend maximum of our team's working hours. Generally, auto-mated testing stands being more reliable as it is makes use of tools and scripts for performing the tests using it.

METHODOLOGIES

The main objective of the Payroll Management System is to manage the small print of Payments, Salary ,Working Points, Appraisals, Payroll. It manages all the knowledge about Payments, Employee, Payroll, Payments. This system deals with the financial aspects of employee's Salary, Deductions, allowances, Net pay. The project is completely built at administrative end and thus only the administrator is guaranteed the access. The payroll is calculated with all the allowances and deductions included. It provides simple database instead of complex ones for top requirements.

MODULES:

- **Login:** HR can login in his personal account using id and password.
- **Add Employee:** HR can add employees personal details, Salary details and leave bifurcation.
- **Add Attendance:** HR can Upload Monthly Attendance excel File for Each Employee
- **Salary Calculation:** HR can calculate salary and manage leaves.
- **Salary Slip:** salary slip will be generated and automatically email will be sent.
- **Manage Employee:** HR can manage employee's details.

RESULTS

Salaries are often paid out by cash, check or bank transfer. Typically, employers deposit salaries directly into an employee's checking account . Once payroll is processed, a corporation must ensure their checking account has enough funds to form salary payments. subsequent step is getting a salary bank advice statement to the company's branch. This statement includes details like employee id, checking account number and amount of wages. If you're employing a payroll software that has an employee self-serve portal, it'll be easier to publish payslips and employees can log-in to access their account and payslips.

The purpose of this project is to explain the functionality and spec-ifications of the planning of an web based application for Managing Employees and their payroll. Company Employee management and thus the creating of pay slips with the net pay and gross pay, occasions and business timetable of organization.

Table 1. Pay slip of Employees.

E - Name	Gross Pay	Deduction	Net Pay
Abhay Ram	26500	2900	23600
Siddharth	21000	1560	19440
Nandan Rao	22950	1340	21610
Viraj Anand	22100	3750	18350
Selvan Raj	23445	3250	20195
Kumar	23560	1350	22210

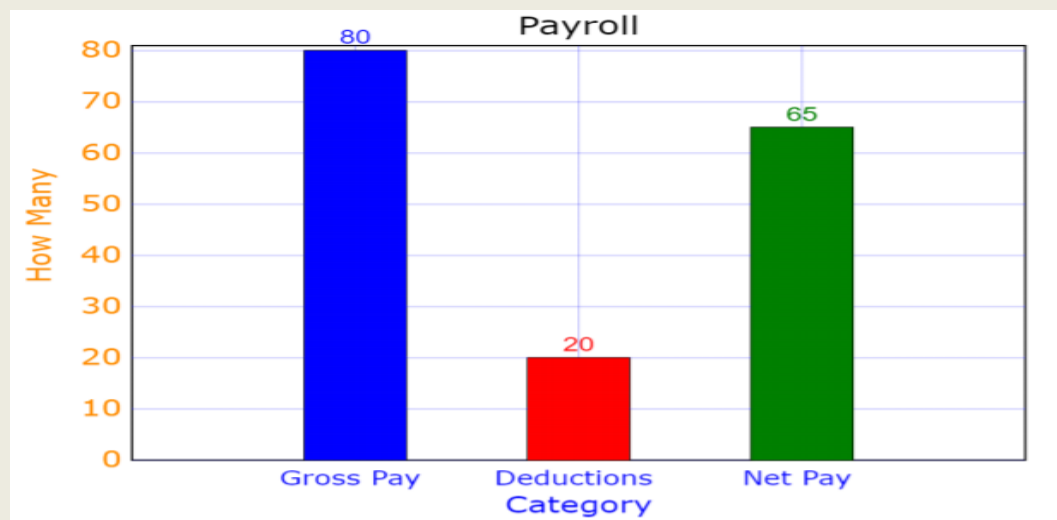


Chart 1. Payroll details of Employees.

STANDARDS AND POLICIES

- ISO/IEC 15445:2000 Information technology - Document description and processing languages - HyperText Markup Language.
- ISO/IEC 9075:1992 Information technology - Database languages – SQL.
- ISO/IEC/IEEE 23026:2015 Systems and software engineering — Engineering and management of websites for systems, software, and services information.
- ISO 10002:2004 Quality Management - Customer Satisfaction - Guidelines for Complaints Handling in Organizations (Superseding IS 15400:2003).

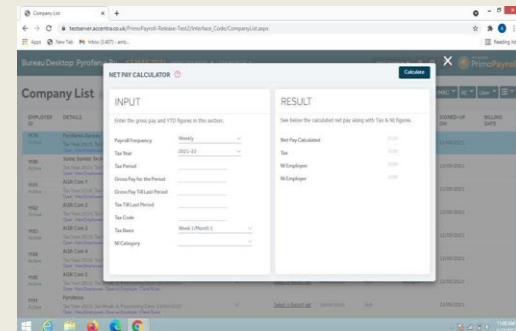


Figure 1. Payroll Calculate

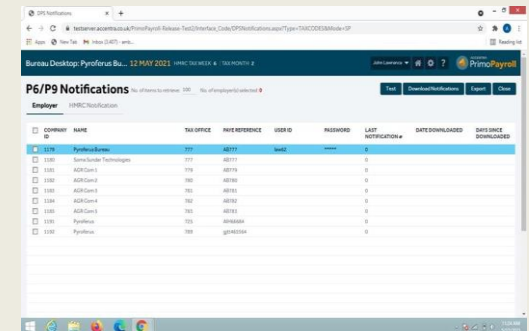


Figure 2. Total Pay slip Details

CONCLUSIONS

Primo Payroll is a powerful tool providing payroll information of the company with the ability to view relevant information. The functionality of this module spans through the entire system, making information available anywhere, anytime. All information is subject to company's defined security policy has been tested. The admin can add new departments and delete them. The required records are often easily viewed by the admin anytime time he wants in an instant. Numerous validations implemented would enable the admin to enter accurate data.