

Research Paper of Payroll Processing System

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Abstract— The Payroll Processing system website mainly focuses on employee's information management where they can check their status, information and salary etc with security. Employee's can visit website to see all kinds of information about himself like their salary information, leave information and also see all about the company that company works. Employee's can also download their information in the pdf format and send email. The website even contain the kind of information about employee's, department and company from there employee's can access and check their data. When the employees have any problem from their salary, leave or department then they can send it in the comment box. As soon as the employee's send their issue, the company will investigate the problem and diagonuse the problem of employee's. In the Payroll Processing System can calculate the salary of the employee's on the basis of the work done in the month. We have provided the employee's information with securely. The main idea behind the system is that to provide variety of information all about the company on our website according to the employee's interest. Employees can download their information. Here we provide six different type of facility to employee's like their own status, salary, leave information about company, department, comment box. In our project all the employee's information and activity handled by the admin like add employee's, delete employee's, mange salary, manage leave etc.

Keywords: Payroll Processing System

I. INTRODUCTION

This website is mainly designed to present the information of employee's working in the company. So that employee's can work honestly for the company without any problem by checking their own status. In our website the only admin can organize the employee's information, employee's can not change or delete or correct his work details. They can only make changes to his own information such as his mobile number, address, email Id etc. For to get all this information the employee's must be registered on our website.

We all know that the employee's likes to work in any company when that company has such a platform to mange complete information, from where the company can do its work with complete security, and the salary and its information should be manage with security to the employee at equal time, convenience to the employee's on time to time and providing them something special like bonus, holiday special, traveling facility and living etc. mean taking the company to the top. All this key information we have put in our project.

In our project the employee's can also see his leave information, that is how many days he worked in company and how many days they took leave. Employee's can also print slip of leave and salary. So that they can have information on an offline mode as well.

It means to say that we have added all the key points of the company in our website which make the company success oriented.

II. PROJECT EXPLANATION:

The main concept we cover in our system is manage employee detail, manage leave, Generate monthly salary, Extra Allowance and Deduction. Admin is a responsible for operate whole system. Admin has rights to Add new Employee, Each employee has a unique username and password to login in to system. After login in to system all employee can apply for a leave with valid reason. The admin can check leave and he can approve and reject employee leave. According to approve leave the leave deduction will be deducted from salary.

Admin can generate and view Employee Report, Leave Report, month wise salary report, year wise salary report, Employee wise salary report. We have use crystal report for generate salary slip of employee.

III. WATERFALL MODEL:

The model we have used in our project is the Waterfall Model. In "The Waterfall" approach, the whole process of software development is divided into separate phases. In this waterfall model, typically, the outcome of one phase acts as the input for the next phase sequentially.

The advantage of waterfall model development is that it allow for departmentalization and managerial control. Thus the waterfall model maintains that one should move to a phase only when its preceding phase is completed and perfected.

In our project there are two main users who operate the whole system.

- Admin
- Employee

A. Admin Functionalities

- Add New department
- Add employee
- Manage Leave
- Medical and PF Allowance
- Generate Pay Slip
- Create New Admin
- Employee Report
- Generate employee leave report
- Change Password

B. Employee Functionalities

- Employee can apply for leave report
- Employee can see his leave report
- Employee can see his salary report
- If employee has any problem then he can send it by writing in comment box

- Change Password
- Download information and salary information in pdf format

While creating payroll processing system website we have gone through multiple phases, at first we have tried to find problem which is existing among various group of employee's. Keeping in mind every problem of employee we have created this website. Employee's can view their information in the company through the internet on many platform's such as desktop, laptop, computer and mobile phone.

Putting focus on the designing perspective we have created a website rather than choosing a mobile application, website easily load on the employee's device without consuming memory. We have use in our project including the front end HTML, CSS, JAVASCRIPT, BOOTSTRIP libraries for making our website responsive such that it can easily be compatable with the other devices language, django, sqlite for back end to storing employee's data. We have used django to store the database.

IV. PROJECT FLOW:

The flow of our project can be seen in following Pages. Which gives a quick explanation of how our project will flow through multiple stages and what all functionality it will include and how the processes and related to each other.

A. Screen Short:

1) Home Page:

It include the terms activity that will be done by employee's and admin.

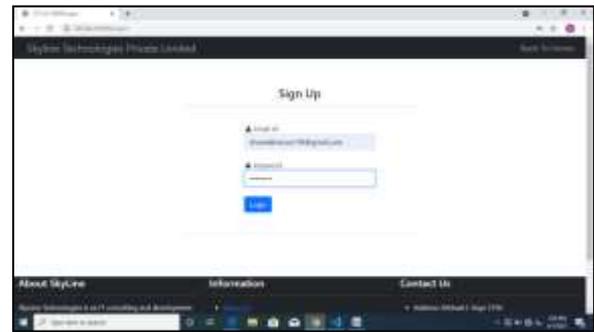
That's terms are Home, About, Admin-login, Employee-login, Contact.



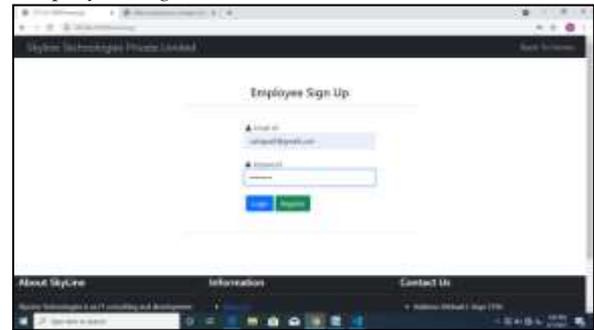
2) Login/Registration Page:

Both admin and employee are eligible for login using email-id and password. Employee has two options either login or registration. Both Admin and employee have unique email-id and password. We have Kept an option of update password if a user forgot their password.

Admin Login:



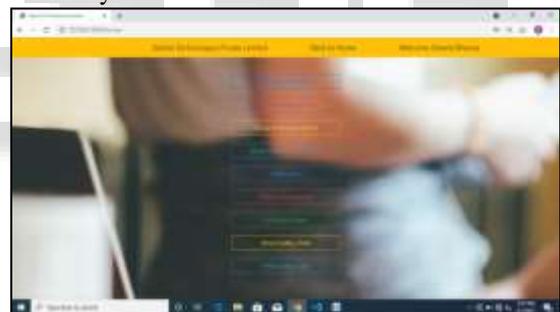
3) Employee Login:



4) Employee Management:

Whatever the data of employee's will be managed by admin. Admin can add new employee, Add new department,

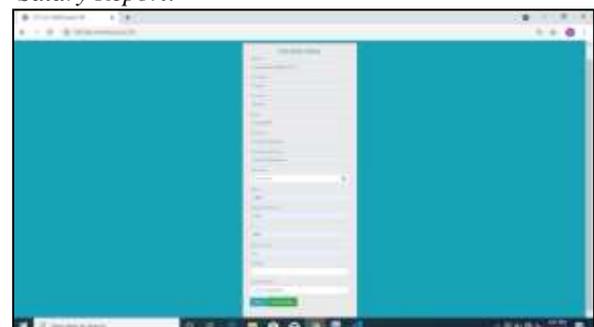
Show employee details, Show department details, Add leave, Show leave details, Calculate salary, Show salary and print Pay slip. In the following diagram you can seen the admin activity.



5) Salary Report:

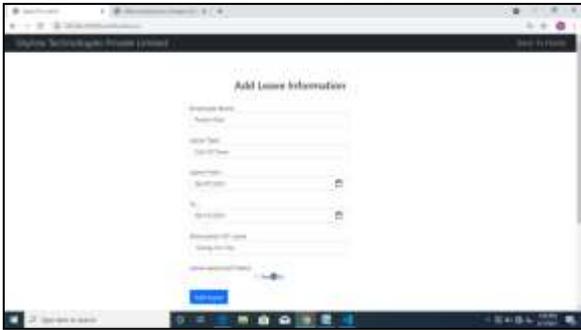
For Calculating Employee Salary , first admin login with system ,after login he will go for calculate salary. For calculate salary ,first it is fetch the employee registration details and then fill their salary detail and calculate salary , only registred employees salary calculated , and for genrate payslip ,search Employee Record by their Employee Id ,if Employee Id Not found it will display 'No Search Found' Message.

6) Salary Report:



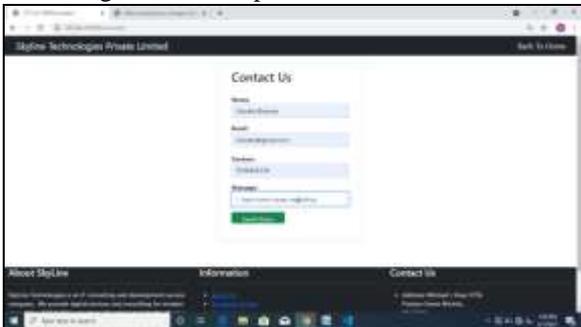
7) Leave Report:

After Login, Employee can apply For Leave .after applying for leave admin can check Employee leave details and by accepting and rejecting leave of Employee , he can update the Employee Leave Status. empoloyee can view their Leave status approved or Not by their Employee ID .



8) Contact Page:

If employee's has any problem then they can contact and give to the message about their problem.



at all times, providing with the best facilities for completion of our work. Also we are thankful the support of the lab technicians and the departmental help provided by them.

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V. ADVANTAGES

- Salary Management
- Deal with the generation of Payslip
- Easy to evaluate the employee performance
- Provide Security
- Mostly used is Business Enterprises Application

VI. CONCLUSION:

Payroll financing can be an ideal solution for companies that are growing quickly and need funding to cover staffing costs. However, this solution works best if your:

- Commercial client have good credit
- Clients pay on 30-to 60-day terms
- Margins are at least 15%

Payroll Processing System website developed for a company has been designed to achieve maximum efficiency and reduce the time taken to handle the Payroll activity. This Project is built keeping in mind that it is to be used by only one user that is admin . The main objective of the Payroll Processing System is to save time and make cost effective management.

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