

TITLE OF THE PROJECT

ERP for Employees

Abstract:

The revolutionary trends of computerization have reached the peaks achieving global goals in all fields and sectors. The ERP systems getting computerized are leading to a new and innovative way to approach to above say. With the total automation of ERP, the manual dependency is minimized to a large extent. It inherits all the properties of computerizing a system which includes quick response, less processing time, non-diligence, fast recovery, robustness, flexibility, reliability, scalability.

Today's trend demands high rate of automation for the ERP as the organizations are growing in exponential form and maintaining employee records in a consistent format. To satisfy the needs of clients, today's organization need more and more of workforce.

ERP is powerful human resource tool for maintaining employee and company information, more than data storage program. ERP helps to manage your employees. ERP offers a wide verity of reports that give you exactly the information you need. View payroll information by the department or find everyone who is receiving company.

Scope & Objective:

- This System is mainly focuses on maintaining Employee information in the organization.
- It helps to automate the Recruitment Process of Employee and generate their Salary Details.
- The system also enables the HR personnel to view the resumes of new users and select them based on the selection criteria.
- The system focuses on recording information related to payroll, managing information related to payroll, retrieving information like employee details, payroll details.
- It is online, so that information is available anytime.
- High integrity and security.
- Ability to incorporate newly available data.
- It is user friendly.
- Speed and accuracy is increased.
- Fully Automated.
- Security is Associated with user Authentication.
- Duplication of information is curbed.
- Easy for Fresher to Visit the Website to Check for Openings in organization.
- Entry of Fresher or Experience is smoothly maintained throughout.

Need of the System:

Present day organizations, especially large companies house employees in large numbers. In order to maintain their records, which include their personal details, payroll details, the burden on HRMS department is immense. The lack of consistency in record maintenance leads to both loss of property as well as employee confidence.

With the total automation of human resource system, the manual dependency is minimized to a large extent. It should inherit all the properties of computerizing a system, which includes quick response, less processing time, non-diligence, fast recovery, robustness, flexibility, reliability, scalability...

In addition to these characteristics the system should maintain data in consistent format all the while.

Proposed System:

The proposed system should have the above features. The features of the system are, it maintains the employee details, payroll details and also the resume details of a new user. The system should also be easy to access, accurate and consistent results can be obtained.

The employee details include all the personal information, login information. The system should be able to maintain the details based on the login information and should also be able generate pay slips automatically. The system should also provide a new user to be able to submit his/her resume and it should also take care of intimating HR about it.

Modules of Proposed System:

- Admin
- Human Resource
- Employee
- User

1. Admin:

Admin is the super user of the system. He is responsible to sanction the employee leaves and add departments. He views feedbacks and reports regarding salary, current openings, leaves. He prints leave grant openings and salary. He can communicate with HR via mail.

2. Human Resource:

This module focuses on maintaining the employee details, new user details, conduct exam to hire new employees, sanction the employee leaves, and communicate with admin, employees as well as users via mail. This module will generate exam for hiring new employees

3. Employee:

Employee is the one get selected by HR. He edits his personal and education details. He applies for leaves. He

communicates with HR through mail. He can check his inbox for leave sanction.

4. User:

User is the person who is willing to join organization. He applies for desired position, send resume and gives exam online for selection of new employee in organization. He communicates via mail. If he pass the exam, he gets the result at the same time and receives the mail regarding selection.

5. Mailing system:

Here, admin, HR, employees and even user can communicate via mail. They can send mails to each other and read their inbox.

System Specifications:

Software Requirements

Operating System: Windows XP or later

Database Server: Microsoft SQL Server-2005 or later

Client: Microsoft Internet Explorer, Google Chrome, or other

Tools: Microsoft Visual Studio .Net-2008 or later

User Interface: Asp.Net with Ajax, HTML, CSS, Bootstrap

Code Behind: C#.Net

Hardware Requirements

Processor: Intel Pentium or More

Ram: 512 MB Ram

Hard Disk: PC with 20GB