

ERP System For Employee Management

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ABSTRACT

ERP System for Employee Management is an distributed application, Developed to maintain the information and details of employees working in organization. The main objective of this System is to set up employee information system about status of employee and attendance of employee and monthly salary process and to minimize the Manual Dependency to a large extent. This system brings about an easy way of maintaining the Employees details in any organization. It is simple to understand and can be used by anyone who is not even familiar with this system. It is user friendly. This System is fast and can perform many operations. The goal of this project is to design and develop an ERP System for employee management to fill gap in the existing system.

Keywords: Employee Management System, Enterprise Resource Planning, Model View Controller, Human Resource Development, Entity Framework Object Resources, SQL Server Management Studio.

I. INTRODUCTION

Employees are the backbone of any company or any organization. The Employees plays a major vital role in deciding the success of any organization. Erp System for Employees Management Software makes it easy for the employee to keep track of all records. This software allows the admin or HRD to edit employees, add new employees, delete employees. Each employee has a Unique Employee Id which is associated with a position and the employees can be added and edited when the need arises. You can check whether if there are duplicate positions or the employees in the database. This System also helps to generate the salary Slip according to their working days. This System is helpful in submitting the leave form. ERP System for Employee management software is flexible and easy to use for all small and medium sized companies because it provides modules for personal information.

II. OBJECTIVE OF THE WORK

The Main objective of this system is to reduce the human resources and thus this system reduces manual work to a great extent and allows smooth flow. To make the existing system more flexible and automatic. The system contains a database where all the information will be stored safely. The system is user-friendly and anyone with basic knowledge can access this system.

III. LITERATURE SURVEY

A. Employee Management System

To make the existing system paperless and save lots of log files which is to be later on accessed by the Employee. Making the existing system fully automatic which will save lots of time and human Resource. The current system needs human resource work to maintain the record and details of every employee under the organization and keep track of every employee on staff working in an organization.

ADVANTAGES

- Transparency to all the user of system.
- Less paper use and removal of redundancy.
- Less prone to errors.
- The whole system is interactive.

DISADVANTAGES

- Less Accuracy Danger of losing some files.
- Certain required report is not available Time-consuming process.

IV . SYSTEM ANALYSIS

EXISTING SYSTEM

The existing system is a standalone process in which the normal employee cannot track their employee status. It also needs Extra manual Efforts. It has Less Accuracy and Certain report does not have Time Consuming process.

PROPOSED SYSTEM

The proposed system eliminates all the drawbacks of the existing Employee Management Software. The system is responsible for maintaining information about the Employees and their personal information. The system is incorporated with the leave management by providing the way from application to acceptance/rejection of leave requests.

HARDWARE AND SOFTWARE REQUIREMENTS

PC with RAM-250 MB, Operating System – Windows, Language -C#, Framework – ASP net MVC, Database - Microsoft SQL Server Management Studio, IDE – Visual studio, Browser - Google Chrome, Presentation Layer- HTML5,JSP, Bootstrap,CSS3,jQuery.

V . MODULES

A. Login and Registration

Both Admin or HRD and Employees consist of Same login page but with Different roles. The Fig 1 shows the Login Page. If the user has no account, then he/she can register via registration page.

In the registration page, user has to enter his/her personal information which gets stored in the database.



ERP System For
Employee Management

Please Enter Your Information

USERNAME:
Username

PASSWORD:
Password

Role: HRD

Login

Or SignUP

[← I forgot my password](#) [I want to register →](#)

Fig 5.1: Login Page

The Fig 2 shows Registration Page in which User enter the information and stored in the database.