

EMPLOYEE DATABASE AND PAYROLL MANAGEMENT SYSTEM

Pranit Sanjay Pisal , Shreyas Rajesh Kudturkar

Dr. Babasaheb Ambedkar Technical University, Lonere, Computer Science Engineering,
Sharad Institute of Technology, Yadrav-Ichalkaranji, Maharashtra, India

ABSTRACT

This paper deals with manual system automatic with the help of computerized equipment and full edged computer software, fulfilling their requirements, so that their valuable data and information can be stored for a longer period with easy access and manipulation of the same. The required software is easily available and easy to work with. This web application can maintain and view computerized records without getting redundant entries.

Keywords: Computerized equipment , Easy to work.

INTRODUCTION

The proposed project "**Employee Database and Payroll Management 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 employee and payroll management needs. Therefore, I have design exclusive Employee and payroll Management System that are adapted to the organization's Managerial Requirements.

METHODOLOGY

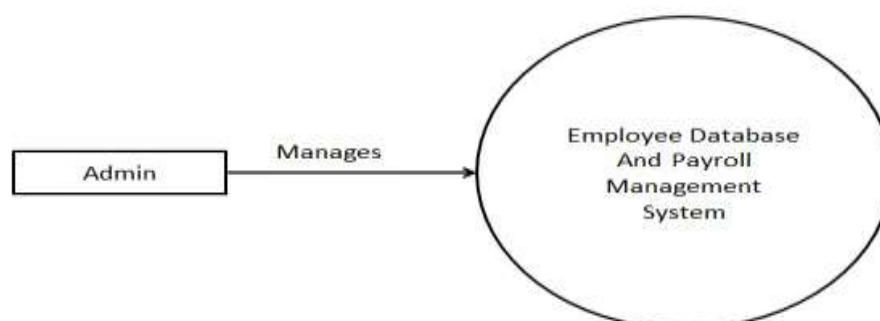


Fig1. Data Flow Diagram(Level 0)

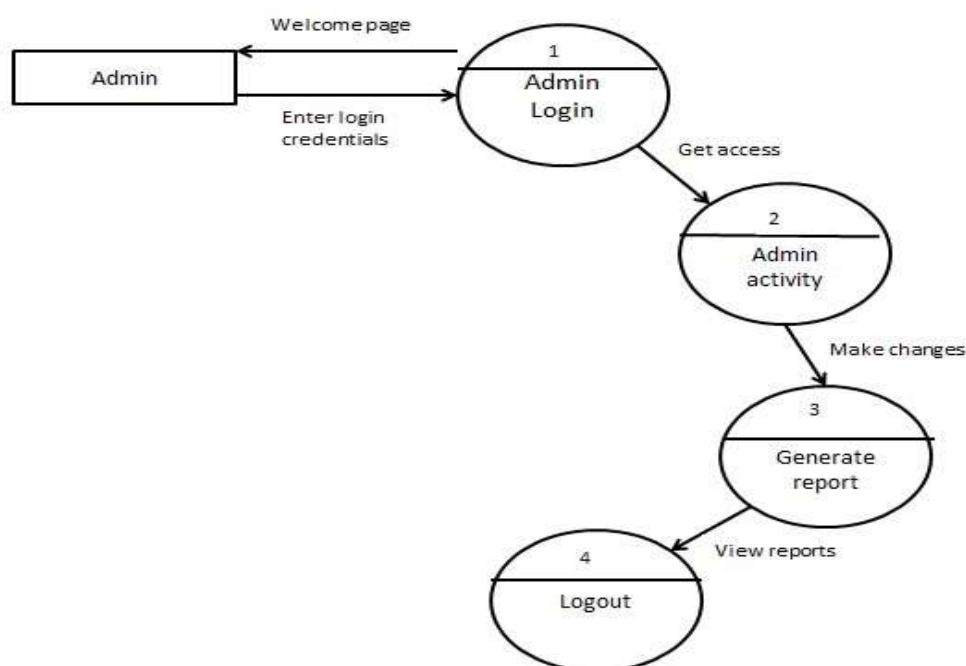


Fig2. Data Flow Diagram(Level 1)

In the fig.1 and fig.2 the Admin gets logged in by valid username and password. Admin can add new Employee, add new Department, add new Pay Grade for the employees. Admin can set the 'from' and 'to' date worked by an employee in a department with specific pay grade. The Admin can generate an automated monthly salary of an employee. The admin can view all the past records of any recorded employee.

RESULTS AND DISCUSSION

The purpose of this document is to describe the functionality and specifications of the design of a web application for Managing Employees and their 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 by his institute. This will be an additional advantage and management of power based on their free time from his normal duty

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 add, manipulate, update and delete all employee data in his organization. The admin can add new departments and delete them. The admin can also add predefined pay grades for the employees. The required records can be easily viewed by the admin anytime 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.