

**KAKATIYA GOVERNMENT COLLEGE  
HANAMKONDA**

**STUDENTS' STUDY PROJECT**

**on**

**Employee Management system**

**Academic year – 2022-2023**




**DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS**

## CERTIFICATE

This is to certify that the project report entitled “EMPLOY MANAGEMENT SYSTEM” submitted to the Department of Computer Science and Applications, Kakatiya Government College, Hanamkonda and it was carried out by the following students under my guidance.

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## Table of Contents

SlNo	Title	Page no
1	Introduction	1
	1.1 Objectives	1
	1.2 Feasibility study	2
	1.3 Existing system	2
	1.4 Proposed system	2
2	System specifications	3
	2.1 Hardware specifications	3
	2.2 Software specifications	3
3	Module description	3
4	Output screens	4
5	Conclusion	5

## **Abstract**

In this world of growing technologies everything has been computerized. With large number of work opportunities the Human workforce has increased. Thus there is a need of a system which can handle the data of such a large number of Employees in an organization. This project simplifies the task of maintain records because of its user friendly nature

The “EMPLOYEE MANAGEMENT SYSTEM” has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly.

## **1. Introduction to the project**

Every organization whether big or small, has human resource challenges to overcome. Every organization has different employee management needs. Therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of human resources for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features. which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources. One of the main features in employees management system is time tracking for employees. Effective time tracking mechanism saves both time and money for the organization

### **1.1 Objectives of the project**

The system analyst must be aware of exactly what the user requires from the new system. That is management grades as objectives must be fully known and understand. After reviewing the objectives of the current system. It is quite possible that he or she may be aware of the computer capabilities that can be utilized to develop the system which can fulfill the requirements. The main objectives of the proposed system are as follows:

- To save the time
- To reduce paper and file work
- To speed up the procedure
- To retrieve the management from repetitive work.
- To enable efficient and accurate reporting
- To have a flexible system that can adjust changes in future
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- To make the decision making process easy for management
- For fast retrieval of information

## 1.2 Feasibility study

The feasibility is necessary to determine whether the proposed system is feasible considering the technical, operational and economical factor

### Technical feasibility

Technical feasibility is related with the required hardware and software's availability in the market domain. For proper implementation of any system. It should be technical feasible.

### Economical feasibility

The system has a GUI interface, which interacts with the user hiding the internal complexity of the system. The proposed system is used and hence the system is feasible operationally

## 1.3 Existing system

The company uses an application which is a single user system to find the employee information

- The important and the most significant drawback is that the system is manual. Therefore are errors due to carelessness or oversight that many result in loss to the data and as to the organization. For an organization, time is very important factor.
- The employee information are stored in the application which is like a excel sheet. This makes it impossible to search for a company information in such a long table manually and to add new query if the searched query is not available.

## 1.3 Proposed system

The proposed system is designed to eliminate all the drawbacks of the existing system. The system is part of a large HRMS application and shall be responsible for maintaining information about employees, positions, company benefits, departments, warnings, administration.

Some major advantage of the proposed system:

- It's 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

## **2. System Specifications**

### **2.1 Hardware Specifications**

RAM: 32MB

Hard disk: 40 GB

### **2.2. Software requirement**

Operating system : windows 7

Programming Language : C++

## **3. Module description**

The project is evaluated deeply and it is discovered that, this project contains certain modules that needs to be incorporated in the system design. So, for getting the better understanding of the project, these modules are described below:-

### **3.1 Login Module**

It is one of the most important modules of the Employee Management System. Each employee of the system has to be assigned its own username and password. And the assigning job is to be performed by the administrator

The login module chiefly contains

- Administrator Login
- Employee Login

### **3.2 Administrator module**

The administrator of the application has to be provided the highest access priority which enables him/her to perform all the functionalities that exist in the application. In addition to that, the administrator is able to register Employee.

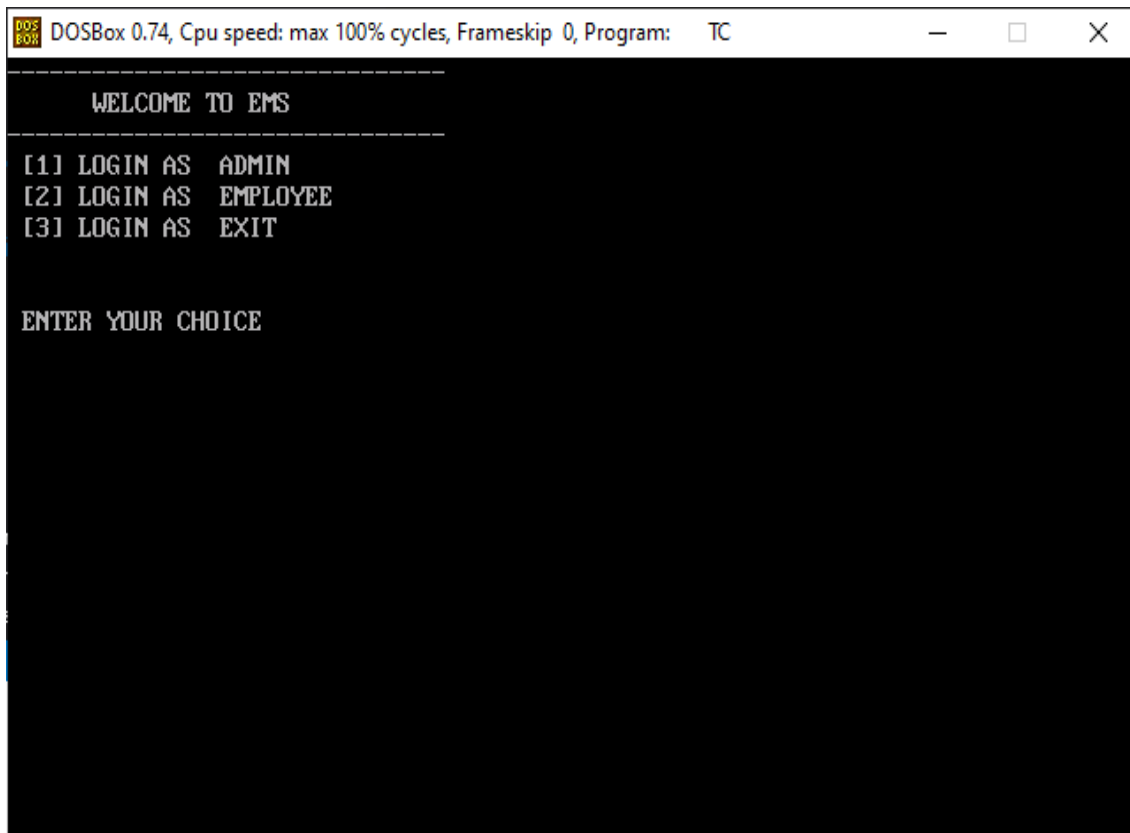
The administrator is allowed to

- Register employees as users of the system
- Add, search and edit personal information of employees
- Delete record of any employee
- Calculate salary package of employees

### **3.3 Employee Module**

The employee in this application has the lowest access priority that only enables him/her to only view the personal information and the annual salary.

#### 4. Output screens



```
DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Program: TC
-----
WELCOME TO EMS
-----
[1] LOGIN AS ADMIN
[2] LOGIN AS EMPLOYEE
[3] LOGIN AS EXIT

ENTER YOUR CHOICE
```



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ADMINISTRATION LOGIN

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USER NAME : Adepu Aishwarya  
PASSWORD : \*\*\*\*\*

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## ADMINISTRATION MENU

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- [1] ADD NEW EMPLOYEE
- [2] SEARCH EMPLOYEE PROFILE
- [3] VIEW ALL EMPLOYEE PROFILE
- [4] UPDATE EMPLOYEE PROFILE
- [5] DELETE EMPLOYEE PROFILE
- [6] CALCULATE SALARY PACKAGE
- [7] logout

### **Conclusion**

This system will help the organizations develop their system and will help in managing employees. The employee management system is designed to save money, time and power. In an organization to simplify the process of record maintenance it is very helpful. As employees are the backbone of any organisation so it is necessary to keep them happy. This concept will bring transparency in their wages calculation. It will also make the HR work easy so they can focus on some other work. This employee management system manages the overall performance and different aspects of an employee in an organization