EMPLOYEE MANAGEMENT SYSTEM

A

**MINOR PROJECT REPORT**

#### Submitted in partial fulfilment of the requirements for the award of the degree of

**POSTGRADUATEOFTECHNOLOGY**

In

**MASTERCOMPUTEROFAPPLICATION**

Submittedto



**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL (M.P.)**

Submitted by

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Under the Guidance of

Prof. **DEVNAGAR**



**DEPARTMENT OF MASTER OF COMPUTER APPLICATION**

**NRI INSTITUTE OF INFORMATION SCIENCE & TECHNOLOGY BHOPAL**

AUG–2024

# NRI INSTITUTE OF INFORMATION SCIENCE

**&**

# TECHNOLOGY BHOPAL

**DEPARTMENT OF MASTER COMPUTER OF APPLICATION**

# Declaration

This is to certify

that the work embodied in this

project

entitled“EMPLOYEE MANAGEMENT SYSTEM” being submitted by

KESHAV (0115CA231053), in partial fulfilment of the requirement for the

award of the degree of the PostGraduate of Technology (Master of Computer

Application). Ragiv Gandhi Proudyogiki Vishwavidyalaya,Bhopal (M.P) of record

Of Bonafede piece of work,carried out by the under our super vision and guidance

In the Master of Computer Application,NRI Institute of Information Science and

Technology,Bhopal(M.P);

## NRI INSTITUTE OF INFORMATION SCIENCE

**AND TECHNOLOGY BHOPAL**

**DEPARTMENT OF Master of Computer Application**

## Certificate

This is to certify that the work embodied in this project entitled “EMPLOYEE MANAGEMENT SYSTEM ” being submitted by KESHAV (0115CA231053)in

partial fulfil of the requirement for the award of the degree of thePost Graduate of Technology (Master of Computer Application) to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.) is a record of bonafide piece of work, carried out by them under our supervision and guidance in the Department of MCA, NRI Institute of Information Science and Technology, Bhopal (M.P.).

GuidedBy Approved By

**Prof.DEV NAGAR**

**Project In-charge**

**Assistant Professor Master of Computer Application NIIST,Bhopal**

### Introduction of the Project EMPLOYEE Management System:

The" EMPLOYEE Management System" has been developed to override the problems prevailing in the practicing manual system.This software supported to eliminate and, in some cases, reduce the hard ships faced by this existing system. Moreover, this system is designed for the particular need of the Employee 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. Employee fast management system. It can assist the user to concentrate on their other active it rather to concentrate on the record keeping.Thus, itwill help organization in better utilization of resources.

Every organization, whether big or small , has challenges to overcome and managing the informations of Appointment, Record,booking. Every Employee Appointment System has different Employeement needs, there for design exclusive Job department 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 information and details 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.

## Objective of Project on Employee Management System:

The main objective of the Project on Employee Management System is to manage the details of Job Department, Salary Bonus, related to Corporate Services. It manages all the information about Employee.The project list totally built at

administrative end and thus only the administrator is guaranteed the access.The purpose of the project list to build an application program to reduce the manual work for managing the Employee record . It tracks all the details about the Employement, Her/His Account Details.

Functionalities provided by Employee Management System are as follows:

* Provides the searching facilities based on various factors. Such as Employee record,
* Salary related Services.
* Employee Management System also manage the Customer and their Related Account details.
* It tracks sal the information of Employee,Their Related Task etc.
* Manage the information of Appointment.
* Shows the information and description of the Employee.
* To increase efficiency of managing the Employeee record, payroll.
* It deals with monitor information and payment of Employee.
* Manage the information of Salary bonus.
* Editing, adding and updating of Records is improved which results in proper resource management of Employee data.Manage the information of Empoyee record.
* Integration of all records of Job Department.

## Literature Review:-

A literature review is a piece of academic writing demonstrating knowledge and understanding of the academic literature on as pecific to picplaced incontext.A literature review also includes a critical evaluation of the material; this is why it is called a literature review rather than a literature report. It is a process of reviewing the literature, as well as a form of writing.

To illustrate the difference between reporting and reviewing, think about record of salary and employee review articles. These articles include content such as a brief synopsis or the key points of the film or programme plus the critic’s own evaluation.

Similarly, the two main objectives of a literature review are firstly the content covering existing research, theories, and evidence, and secondly your own critical evaluation anddiscussionof this content.

Usually,a literature review for msasectionor part of a dissertation, research project or long essay.

However,itcanalsobesetandassessedasastandalonepieceof work.

## Methodology/ PlanningofWork

### Provides the searching facilities based on various factors.Such as Employee, and their Related Task.

### Employee Management System also managed the details online for Employee details.

### It will be inserted the payroll of all Employeement.

### It tracks all the information of rcords of Employee details etc.

Manage the information ofSalary Bonus.

Shows the information and description of the Employee.

To increase efficiency of managing the Leave record of Employee.

It deals with monitor information and payment history of Employee.

Manage the information of Salary record.

Manage the information of Job employement.

Integration of all records of Employee.

## Feasibility Study:

After doing the project, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible-givelimited resources and in finite time.

Feasibility study includes consideration of all the possible way stop provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily do ne based on the future upcoming requirements.

1. Economical Feasibility

This is every important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

* + Allhard ware and software cost has to be borne by the organization.

Overall, we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs andthe later on running cost for system.

1. Technical Feasibility

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, westudied complete functionality to be provided in the system,as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platform set.

#### c.Operational Feasibility

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even . Besides, a propertraining has been conducted tolet know the essence of the system to the users so that they feel comfortable with new system.As farour study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

**Facilities Required Proposed System of Employee Management System:-**

The aim of proposed system is to develop a system of improved facilities. The proposed systemcanovercomeallthelimitationsoftheexistingsystem.Thesystemprovides proper security and reduces the manual work.

* Securityof data.
* Ensuredataaccuracy's.
* Propercontrolofthehigherofficials.
* Minimizemanualdataentry.
* Minimumtime neededforthevariousprocessing.
* Greaterefficiency.
* Betterservice.
* Userfriendlyandinteractive.
* Minimumtimerequired.

## Expected Outcome

**It can be help to see the Employee details.**

As well as quick banking and speedy replies, an online GP practice can also see many more Customers. It can give records who live in remote areas access to salary-grade care with much less hassle involved.

Ifthere was no option for online data, these people might be forced to travel miles for Employee Services, or just basic care. But with online appointments, they can talk to a records online instead,nothave to leave their house,and be seen much sooner.

This is not just beneficial for every EMPLOYEE who are set up for online consultations also have the flexibility to work from anywhere with internet access. This means thatthey can potentially see thousands ofnew recods and really give their EmployeeService boost.

ItsavestimeforManagementto checktherecordofEMPLOYEE.

Typically, online GP consultationsare between 15-20 minutes,while in-person office visits can last up to an hour. In today’s busy society, the quicker appointment is instantly more appealing to Customers as nobody really enjoys waiting around.

Once again, Employee are able to provide better, more convenient care and be more efficient.

Bonus,Employeearen’thavingtotakeevenmoretimeoutoftheirdaytodriveback and forth to the Services practice. Employee won’t technically have to make this journey either – ifthey’re providing all remote consultations, as they could simplywork from home.

# Conclusion of the Project Employee Management System:

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerfulpackageinsatisfyingalltherequirementsoftheEmployee.Theobjectiveof

software planning is to provide a framework that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

# Future scope

### Government Initiatives

The HR sector is leading the way with employee management systems that have proven to be more efficient and accurate than manual human processes. And since there is always room for improvement, these systems will be affected by new technologies such as AI, machine learning, data science and big data.

**Electronic Employee Record Standards for India'**have been finalized and approved byMof. Government-supported, cloud-based e-Credit cards, mobile apps, Bankingalerts, Banking Services monitoring, etc. are being offered to the public.

The purpose of an employee management system is to help improve workforce productivity, identify ways to engage and retain talent, and alleviate administrative burdens for HR professionals. Achieving greater efficiency through the use of technology can also help control costs and minimize compliance risks.

Some of the expected outcomes are delivery of better medical a menitiesin terms of equitable access, quality, affordability, lowering of disease burden, and efficient monitoring ofemployee entitlements for citizens.

It stores data such as their employees' personal information leave details and salary details. The employee management system project gives managers a better idea of their employees and helps them plan and manage their work hours to cut costs and boost productivity..

This helps you stay efficient and organized. It also makes sure the right documents are available to the right people whenever needed.

* + Software:-

IDE:-Eclipse

Database :- SQL/MYSQL Server:-Apache Tomcat

UITech:-HTML,CSS,JAVASCRIPT

## References:-

* YouTube
* Google
* Language:-SpringBoot, MYSQL
* HTML,CSS, Bootstrap, MVC.
* Oracle- Oracle Corporation is an American multinational computer technology company headquartered in Austin, Texas, United States. In 2020, Oracle was the third-largest software company in the world by revenue and market

capitalization.

* SpringBoot - Spring Boot makes it easy to create stand-alone, production- grade Spring based Applications that you can "just run".
* We take an opinionated view of the Spring platform and third-party libraries so you can get started with minimum fuss.
* Createst and-alone Spring applications
* Embed Tomcat,Jetty or Undertow directly (noneed to deployWARfiles)
* Provide opinionated' starter 'dependencies to simplify your build configuration
* Automatically configure Spring and 3rd party libraries whenever possible
* Provide production-ready features such as metrics, health checks, and externalized configuration
* Absolutely no code generation and nor equirement for XML configuration
  + **HTML:-The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in aweb browser. It defines the content and structure of web content.**
  + CSS- **Cascading Style Sheets is a style sheet language used for specifying the presentation and styling of a document written in a markup language such as HTML or XML.**