

# **B.M.S College of Engineering**

**P.O. Box No.: 1908 Bull Temple Road,**

**Bangalore-560 019**

## **DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**



**Course –**

**Course Code –**

### **Final report on Project work**

## **Employee Database Management System**

Submitted to – Chandrakala G Raju,

Assistant Professor, ISE

Submitted by -

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## **DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**



## **CERTIFICATE**

Certified that the Project has been successfully presented at **B.M.S College Of Engineering** by **Nabeel Saleem, Mahan Khanal and Mohammad Haram Ullah**, bearing **USN: 1BM14IS202, 1BM14IS200 and 1BM14IS093**, in partial fulfillment of the requirements for the IV Semester degree in **Bachelor of Engineering in Information Science & Engineering** of **Visvesvaraya Technological University, Bangalore** as a part of the course **JAVA programming (19IS4PCJAV)** during academic year 2020-21.

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## Table of contents:

- Abstract

.....

.....

- Problem Statement

.....

.....

- Introduction

.....  
.....

- Overview of the project

.....  
.....

- High Level Design

.....  
.....

- Tools Used

.....  
.....

- Implementation / code

.....  
.....

- Result / Snapshots

.....  
.....

- References

.....  
.....

. Abstract:

“Employee Database Management System” is designed to make the existing manual system automatic with the help of computerised 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 computerised records without getting redundant entries. The project describes how to manage user data for good performance and provide better services for the client.

#### . Problem Statement :

This report's documentation goes through the whole process of both application program and database development. It also comprises the development tools that have been utilized for these purposes.

#### . Introduction:

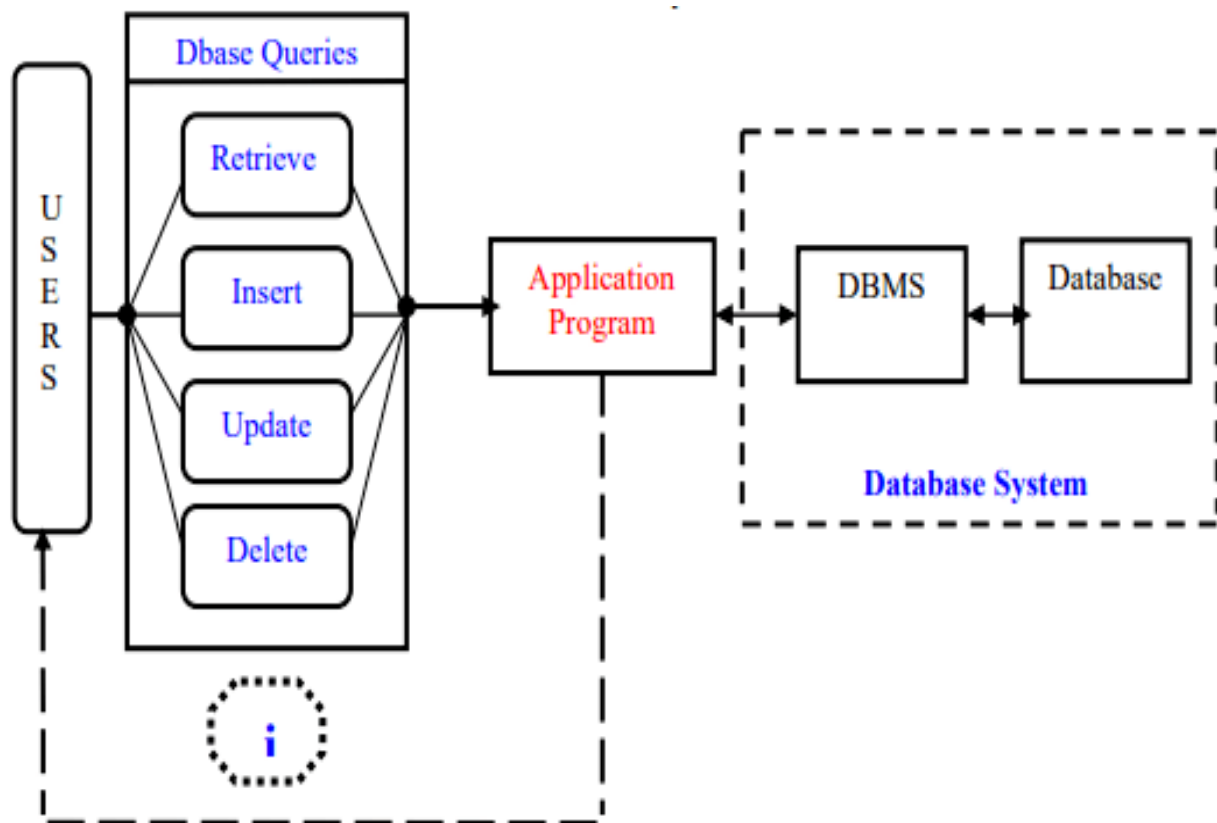
The proposed project "Employee Database" has been developed to overcome the problems faced in the practicing of manual system. This software is built to eliminate and in some cases reduce the hardships faced by the existing system. Moreover this system is designed for particular need of the company to 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.

## . Overview of the Project:

The purpose of this document is to describe the functionality and specifications of the design of a web application for Managing Employees. 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.

## . High Level Design:



. Tools used :

The system requires the support of the following software:-

Technologies:

Languages Used: JAVA and SQL



Software Requirement:

Operating System: Windows/Mac/Linux/etc.

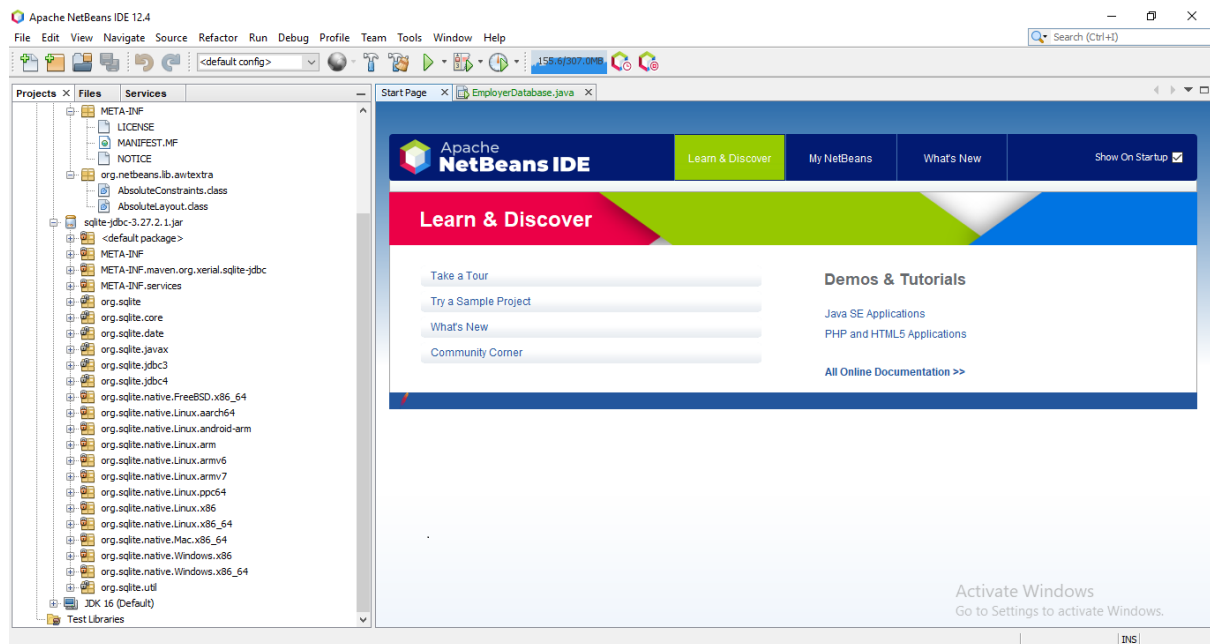
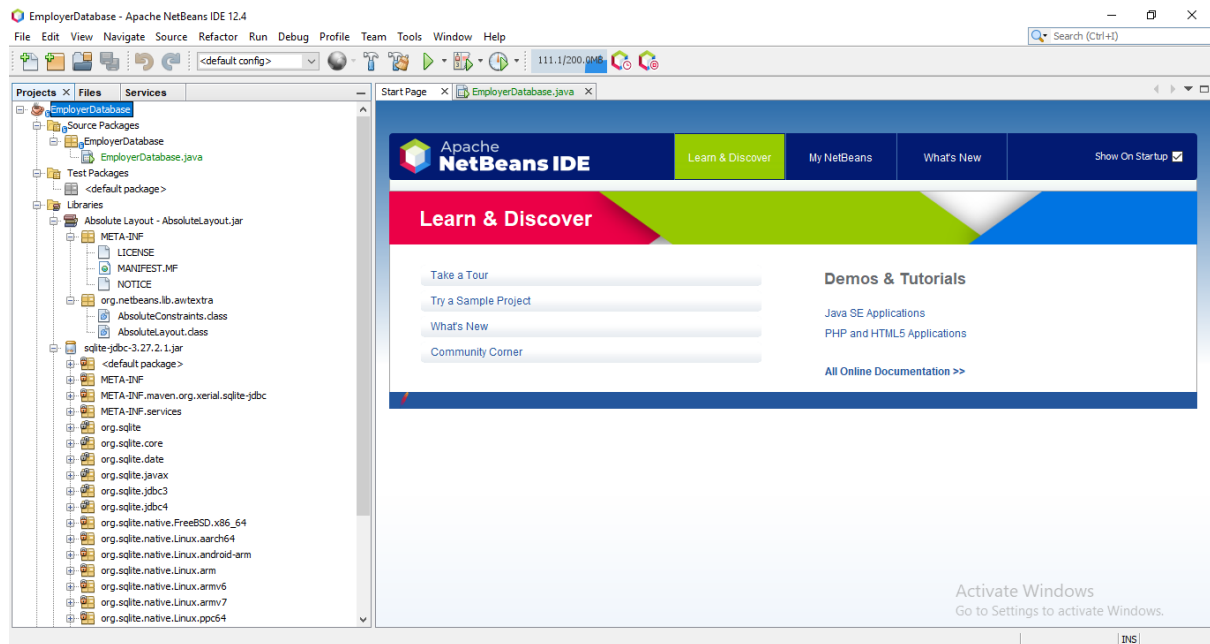
Database : SQL

IDE used:Apache Netbeans IDE

. Implementation/code :

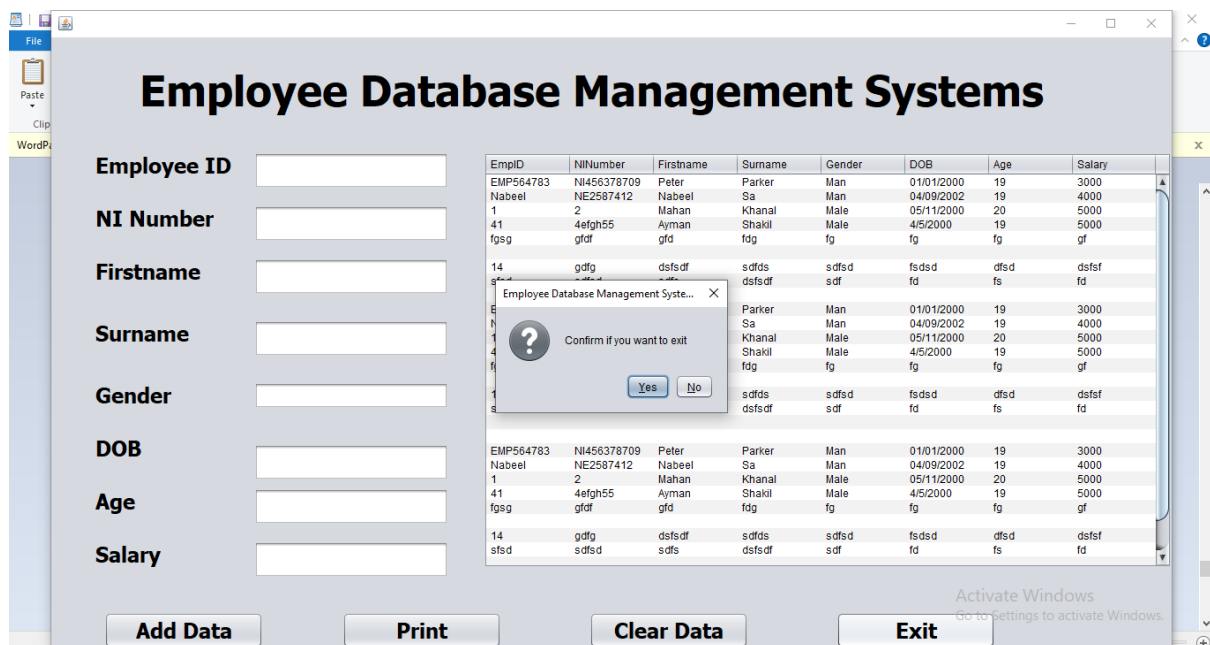
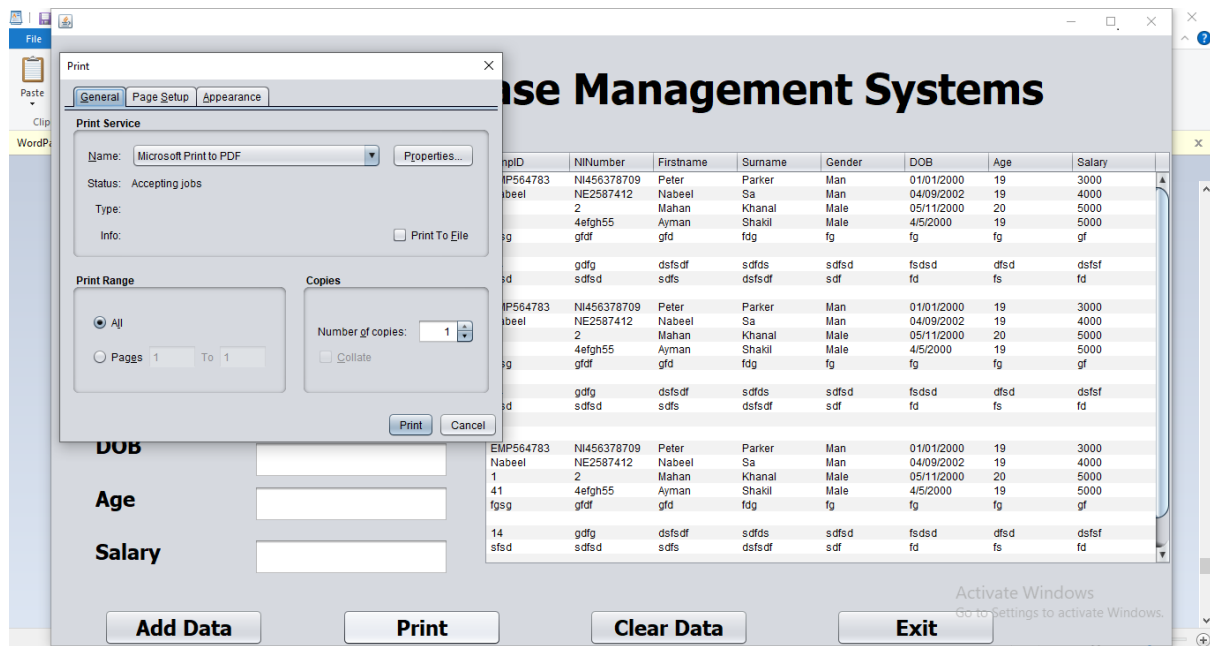
We have used java for creating the front end and SQL for the backend. We have used Java Swing for creating the GUI (Graphical user Interface) using Apache Netbeans IDE.

Following are the file directories of our project :



. Result /snapshots:

[illegible][illegible]



. References :

<https://dev.mysql.com/doc/>

<https://netbeans.apache.org/>

[https://jar-download.com/artifacts/org.xerial/  
sqlite-jdbc/3.20.1/source-code](https://jar-download.com/artifacts/org.xerial/sqlite-jdbc/3.20.1/source-code)