

PROJECT REPORT

BATCH-5

GROUP MEMBERS

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Under the guidance of Ms. Tandra

Business Requirements Specification (BRS)

a) Background of the project

“Employee Database And Payroll 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.

b) Goals of project

The goal of our application is to maintain the employee data base in a good mannered. Now with the help of this system the admin/ management 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.

c) Problem Statement

Develop an application to facilitate the Employee management system including payroll.

d) Solution / Proposed System

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 carryout its operations in a smooth and effective manner.

This application is reduced as much as possible to avoid errors while entering 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 we have design exclusive Employee and payroll Management System that are adapted to the organization's Managerial Requirements.

e) Users of project

Customer - the management and it's employees where there is need of managing data of employees.

d) Requirements

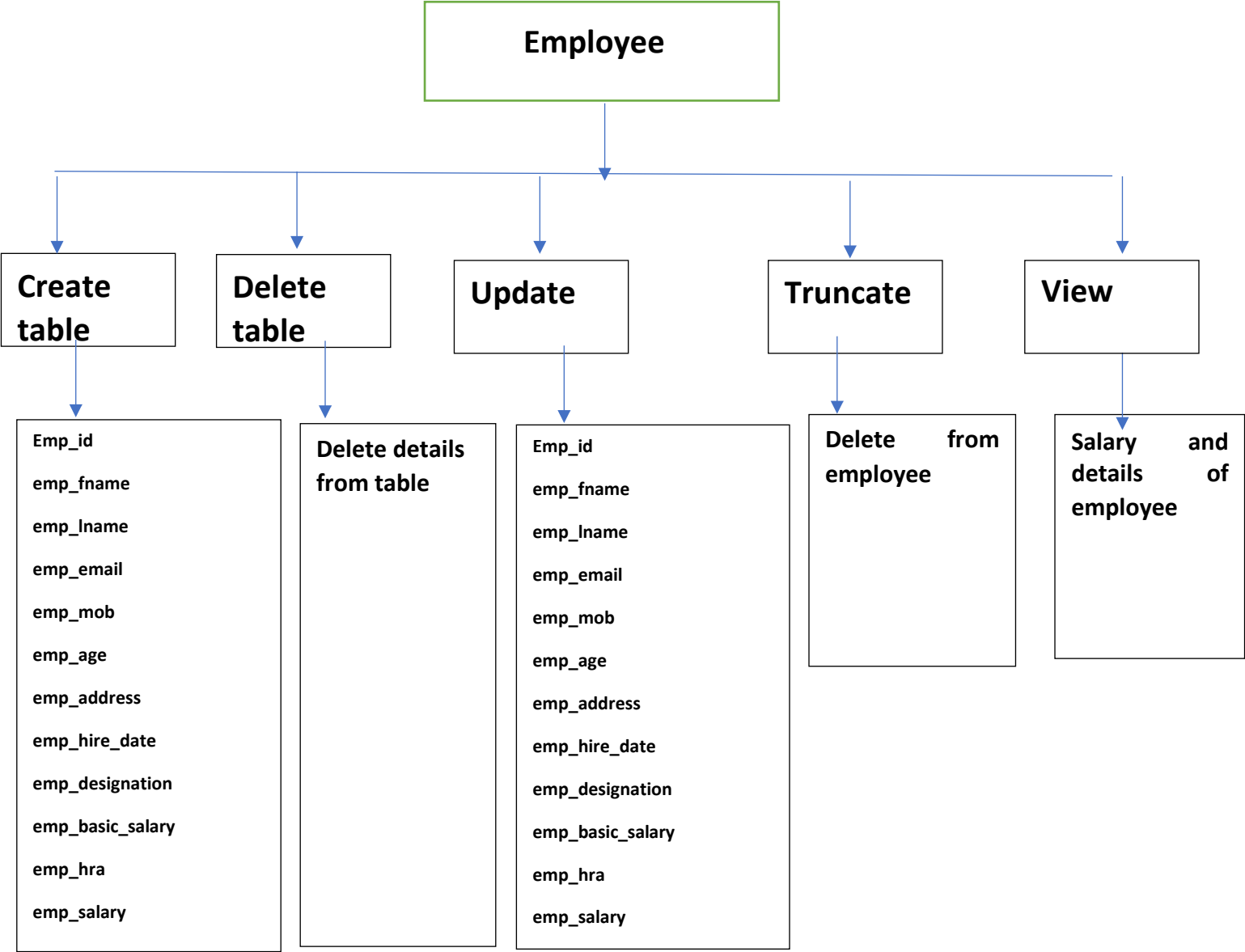
Functional Requirements

1. Need to enter correct username and password.
2. Working with respect to entered the choice from the menu given.
3. Displaying the data of the employee with the total salary.

DATABSE DESIGN

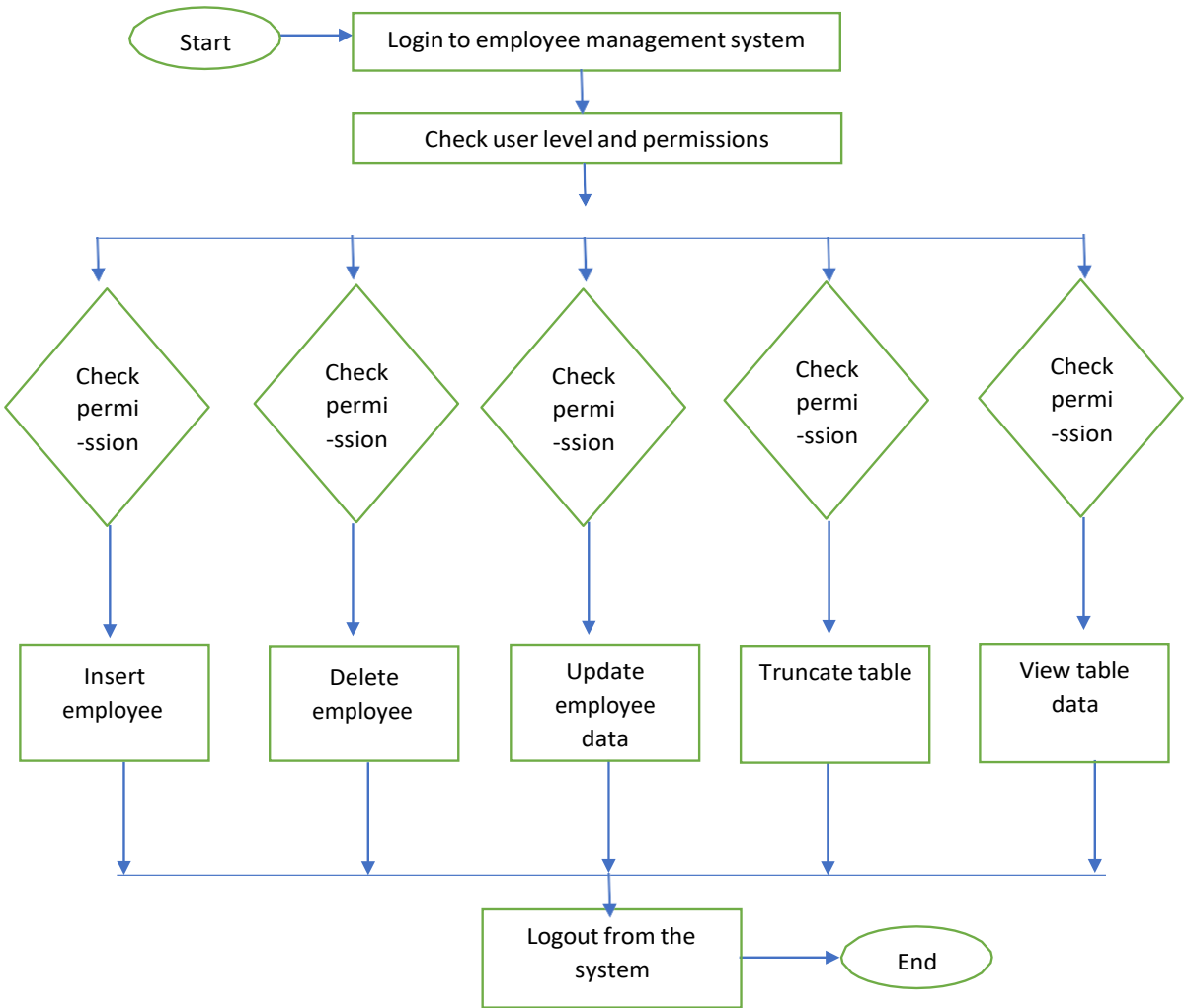
EMPLOYEE	EMPLOYEE
ID	65
emp_id	101
Emp_fname	Gaurav
Emp_lname	Verma
Emp_email	Gv22062000@gmail.com
Emp_mob_no	8600105003
Emp_age	22
Emp_address	tumsar
Emp_hire_date	2022-03-14
Emp_designation	manager
Emp_basic_sal	30000
Emp_hra	10000
Emp_da	4000
Emp_salary	44000

Architecture diagram

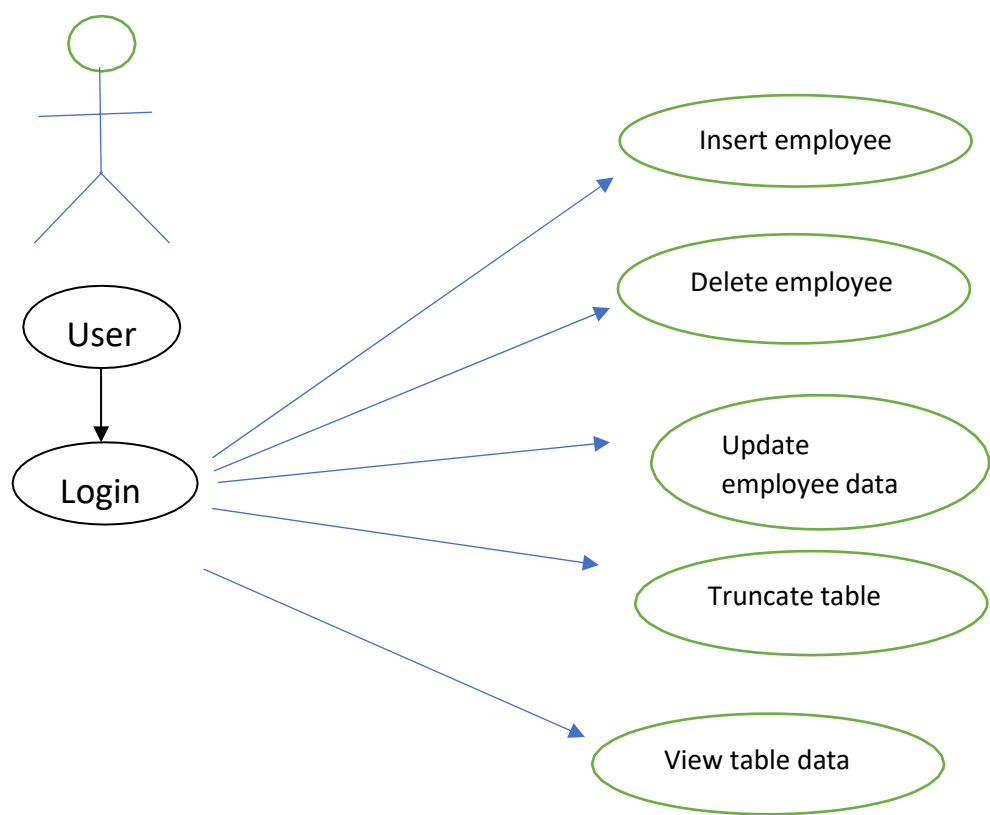


UML Diagram

1. Class Diagram



2. Use-case Diagram



Release Notes

EMPLOYEE MANAGEMENT SYSTEM

Release Notes

1. Introduction

The proposed project “Employee Management System” has been developed to overcome the problems faced in the practicing of manual system. This project 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 We have design exclusive Employee Management System that are adapted to the organization’s Managerial Requirements.

2. Compatible Products

The project is very much within the state of art since the project is a WINDOWS based; it uses very modern and common technique. Beside it is very much modern and user friendly. It is a desktop application and it has been designed mainly for Windows users.

3. Upgrades

The existing employee management system in the organization still uses the ordinary classical methods which are merely based on pen-paper to record the data of their employees. Large quantities of registers are to be maintained for this purpose which results in downright waste of time in generating reports or searching for employee’s records and loss of data if any file is lost. It is also an arduous task for organizations as it is an expensive process. The other techniques that are in the market are dependent on facial recognition, biometric scan or card punching. But all of these require an external device to be installed in the working area, which is again a costly process and requires regular maintenance. This project eliminates or reduces as much as possible the difficulties of the existing system and avoids errors while entering data. In comparison to the existing system it is cheaper, easy to implement, easy to use, no maintenance required, on time data and saves lots of time

In this project a features are their .Some of them are

1. You can insert employee entry
2. Update employee entry
3. Delete the employee entry

3. New Features

The proposed system is a desktop-based application. This project is very much technically feasible. It is very much concerned with specifying equipment and the project will successfully satisfy almost all the admin's requirements. The technical need for this system may vary considerably but might include:

- a. The facility to produce output in a given time.
- b. Response time under certain conditions.
- c. Ability to process data at a particular speed.

Therefore, the basic input/output of data is identified. So, the project can easily be build up and it will also be technically feasible.

Some new features of the project are

- Well laid out information about employee.
- Update the employee entry.
- Insert employee information any time and can be view any time.
- Delete the employee entry.
- The employee information is effectively secured in this system