

EMPLOYEES DETAILS MANAGEMENT SYSTEM DESKTOP APP

Project done by :-

1)Venkata chaitanya - RA1811029010007

2)Krishna Prasad - RA1811029010031

3) Sampath Abhishek - RA181102910035

4)Shefali Rai - RA1811029010062

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 system which can handle data of such large employees of organization. This project simplifies the task of maintaining records, viewing highest pay among employees and assigning group ids because of its user friendly nature.

The “EMPLOYEE DETAILS MANAGEMENT” is Developed to override the problems prevailing in the practicing manual system.

Moreover this system is designed 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 the system. Thus by this all, it proves it is user friendly.

FUNCTIONALITIES ILLUSTRATED

From below images, both the user and admin modes these are few things we would like to show you

1. Display Employee:- The add button is used to add the record in the database and same time works as a caller to display the same in the JTABLE .
2. Update Employee– This button will show you how the employee details of a particular record can be updated.
3. COUNT – This button will show you the total salary of all the employees on pressing the button.
Dbms select query along with sum function is used for the same.
4. group(natural join)– This button will display the employee name, group id obtained from combining the two tables using the natural join.
5. DELETE Employee– This button will show you how the EXECUTE 2 DELETE Statements IN Transaction Block. The delete command is used to delete the record from both referenced and referencing tables of block.
6. Submit:- The submit button performs nested subquery and fetches the tables by creating a view.
7. DROP:- This button is used to drop the employee table. This privilege is set only to the admin.

User Mode:-

Welcome

Employee Details Storage System

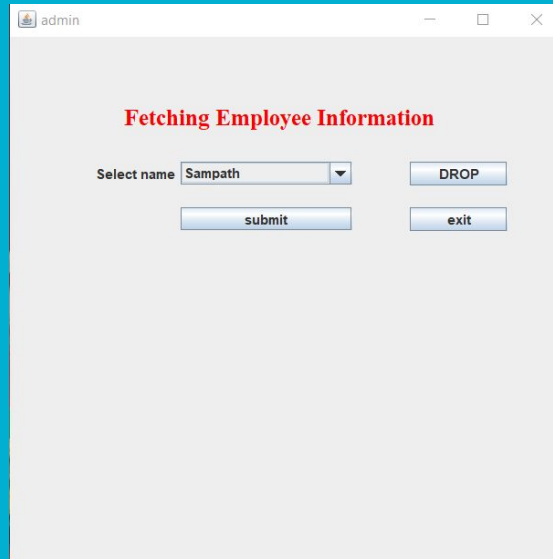
Name

Salary

Number

Name	Salary	Number
------	--------	--------

Admin mode:-

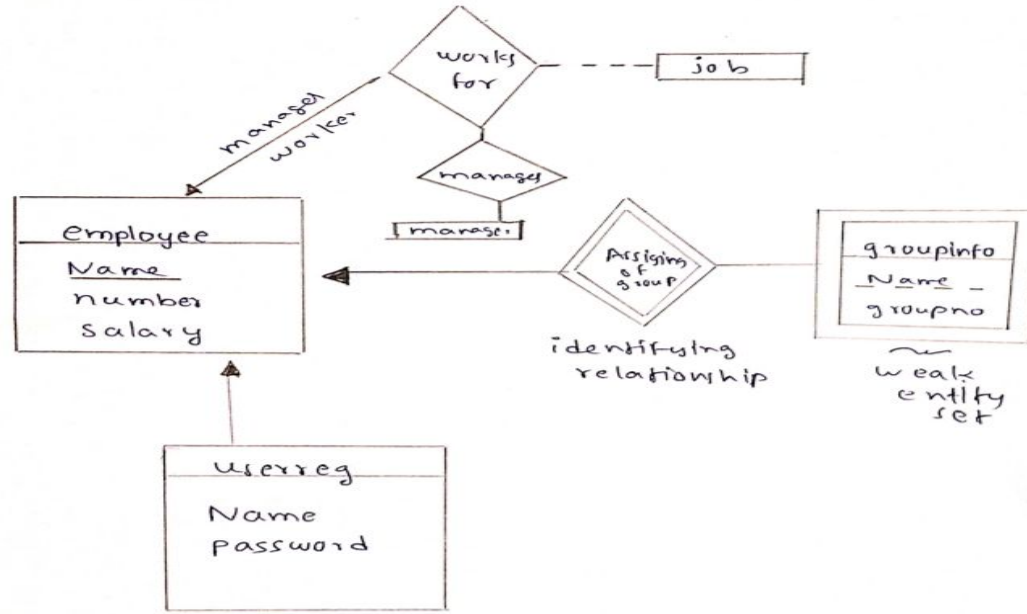


The screenshot shows a web application window with the title 'admin'. The window has a light gray background and a white title bar. The main content area displays the text 'Fetching Employee Information' in red. Below this text, there is a form with the following elements:

- A label 'Select name' followed by a dropdown menu showing 'Sampath'.
- A 'DROP' button to the right of the dropdown menu.
- A 'submit' button below the dropdown menu.
- An 'exit' button to the right of the 'submit' button.

ER – DIAGRAM

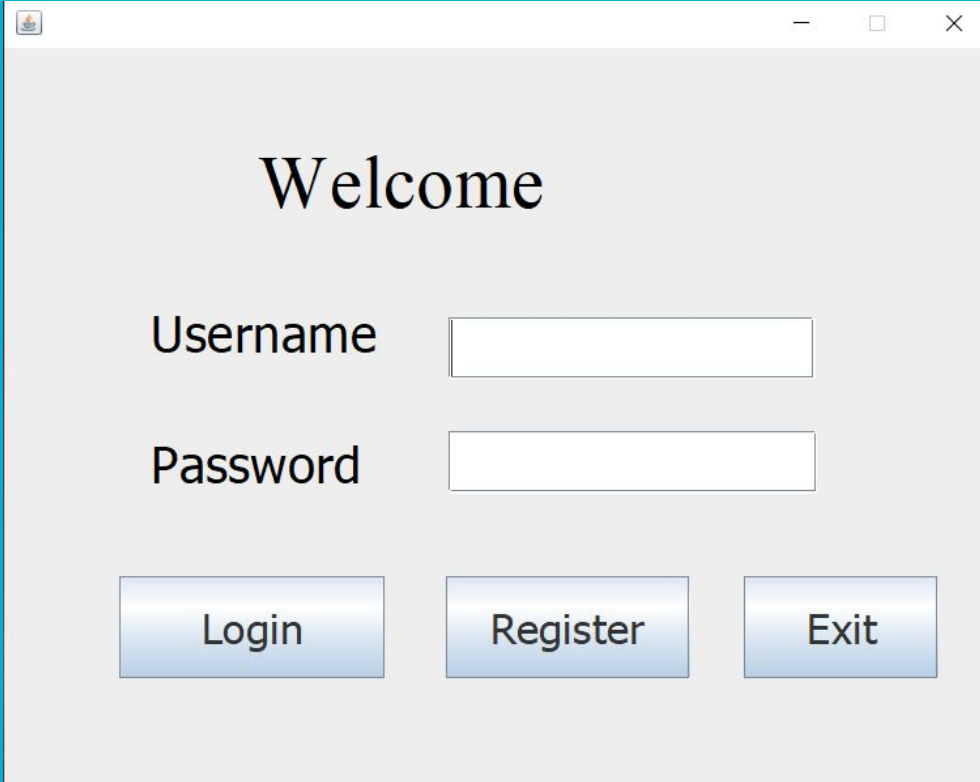
ER diagram for employee details management system:-



IMPLEMENTATION OF PROJECT AND

SCREENSHOTS

1.User/Admin Login Page:-



A screenshot of a web application login page. The page has a light gray background and a white title bar with standard window controls (minimize, maximize, close). The word "Welcome" is centered at the top in a large, black, serif font. Below it, the labels "Username" and "Password" are positioned to the left of their respective input fields. The input fields are white rectangles with thin black borders. At the bottom, there are three blue buttons with white text: "Login", "Register", and "Exit".

Welcome

Username

Password

Login Register Exit

Login as Administrator:-


Welcome

Username

Password

Login Register Exit

Message

 Welcome admin

OK

admin

Fetching Employee Information

Select name

submit DROP exit

Database Search Result

Name	Salary	Phone
krishna	45000	9654878

User Registration:-



A screenshot of a Java Swing window titled "Welcome". The window has a light gray background and contains a "User Registration" form. The form consists of three text input fields labeled "Username", "Password", and "enumber". Below the input fields are three buttons: "Register", "exit", and "Back". The "Register" button is highlighted with a blue gradient.

Welcome

User Registration

Username

Password

enumber

Login as a User:-

Welcome

Employee Details Storage System

Name

Salary

Number

Name	Salary	Number
Rahul	25000	69456632

Welcome

Employee Details Storage System

Name

Salary

Number

Message X
The total salary of all employees is:362735
OK

count group(naturaljoin)

Add Delete Clear exit

Name	Salary	Number
Rahul	25000	69456632

Welcome

Employee Details Storage System

Name

Salary

Number

Message X
Name: Sampath
Groupid: 1
OK

count group(naturaljoin)

Add Delete Clear exit

Name	Salary	Number
Rahul	25000	69456632

CHALLENGES IN BUSINESS PERSPECTIVE:-

- 1.MANUAL PROCESSES :- There are chances for error prone,results to leakage and productivity efficiency
- 2.VISIBILITY :- tracking issued work orders,attendance ot etc.
- 3.COMPLIANCE:-pf remittance tracking.
- 4.SYSTEM INTEGRATION:-erp integration and challenges.
- 5.OVER INVOICING :-Manual invoice generation and management.
- 6.EMPLOYMENT DATA AND ORDER MANAGEMENT.:-paper/excel based data management.

CONCLUSION:-

So as a whole by the effective utilisation of our EMPLOYEE STORAGE SYSTEM data storage becomes easier. Paperwork will be reduced and the company staffs spend more time on Monitoring progress.

The system is user friendly and easy to use all the important data will be stored in a database and it avoids miscalculations.