

EMPLOYEE MANAGEMENT SYSTEM

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ABSTRACT

- Employee Management System is a distributed application, developed to maintain the details of employees working in any organization.
- It maintains the record of Employees working in an organization and stores the personal and professional details of employees.
- It provides an unique id for each and every employee which avoids the overlapping of the employee details.
- We can insert, update, delete employee details as per our need which can ease the complexity of maintaining the database

SOFTWARES USED

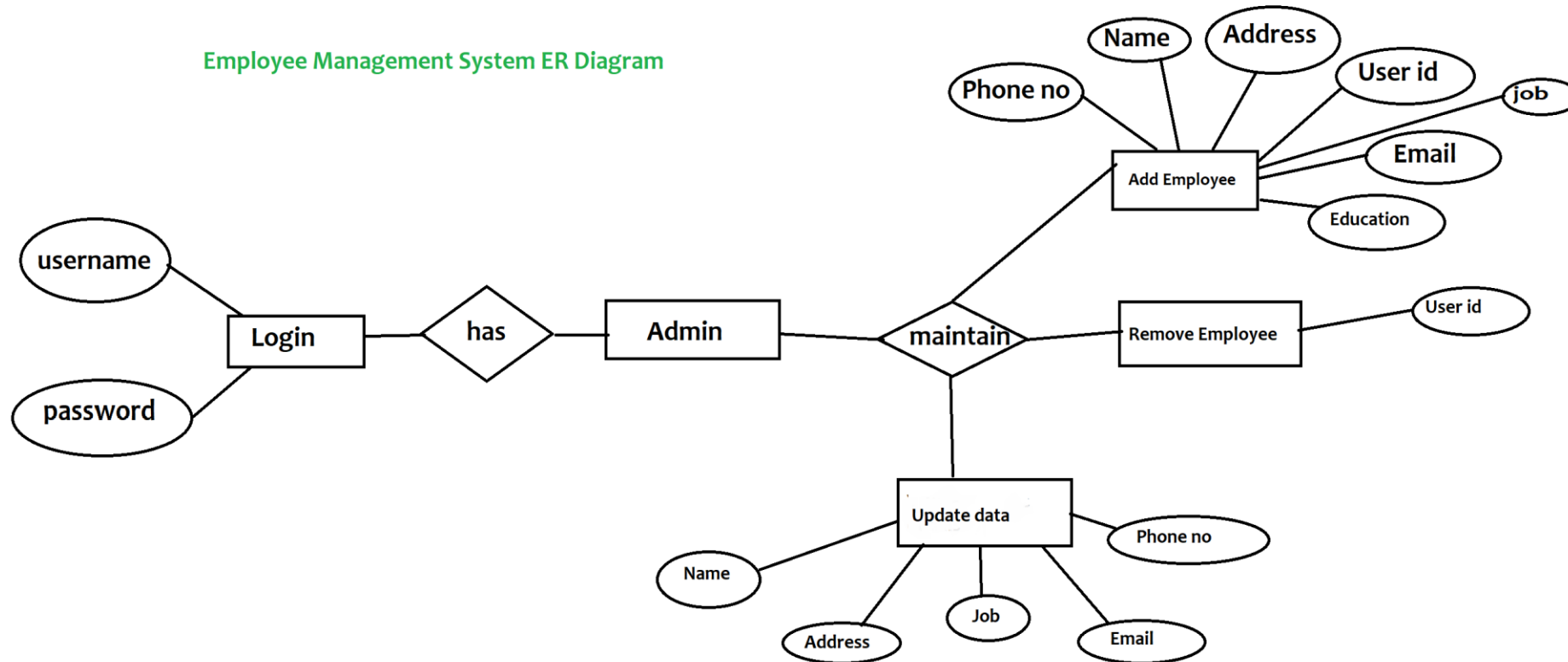
- Programming Language Used For Front-end - Core Java
- Concept Used - Swing
- IDE Used – NetBeans
- Database Used For Back-end - MySQL

Why Java Swing

- Swing components are platform independent
- Highly customisable
- Swing provides more components than AWT such as tables, button, list etc.

ER Diagram

Employee Management System ER Diagram



Features

- 1) Add Employee Details
- 2) Remove Employee Details
- 3) Search Employee Details
- 4) Update Employee Details
- 5) View Employee Details

Advantages

- Provide computerized system for maintaining records. More efficient & reliable.
- Less time consuming and easy to use.
- Huge data storage with less computer memory.
- Avoid Human errors & efforts for Maintaining daily data.
- Avoid Data manipulations.
- Also avoids Data inconsistency & redundancy.


Login

Username

Password

Login

Cancel



Add Employee

New Employee Details

Name

Age

Address

Email Id

Job Post

Employee Id

Father's Name

Date Of Birth

Phone

Education

Aadhar No

Submit

Cancel

View

Employee Id

Search Cancel

Remove Employee

Employee Id

Search back

Employee Detail

Employee Details

Add View

Remove Update



```
mysql> use employeemanagement;
```

```
Database changed
```

```
mysql> create table login(username varchar(20),password varchar(10));
```

```
Query OK, 0 rows affected (1.99 sec)
```

```
mysql> insert into login values('admin','admin');
```

```
Query OK, 1 row affected (0.12 sec)
```

```
mysql> select * from login;
```

```

+-----+
| username | password |
+-----+
| admin   | admin   |
+-----+
1 row in set (0.01 sec)
```

```
mysql> create table employee(name varchar(25), fname varchar(30), age varchar(10), dob varchar(20), address varchar(50), phone varchar(20), email varchar(30), education varchar(15), post varchar(15), aadhar varchar(20), emp_id varchar(10));
```

```
Query OK, 0 rows affected (0.77 sec)
```

```
mysql> select* from employee;
```

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| name | fname | age | dob | address | phone | email | education | post | aadhar | emp_id |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| sana | kiran | 21 | 2001/11/2 | nanded | 9995558887 | seha123@gmail.com | Btech | developer | 112233445566 | 101 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.17 sec)
```

```
mysql> select*from employee;
```

```

+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| name | fname | age | dob | address | phone | email | education | post | aadhar | emp_id |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
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+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
5 rows in set (0.15 sec)
```

```
mysql> ^C
```

```
mysql>
```

Thank you