

Mini Project Problem Statement:- A Web App containing an information portal for employees and managers of a company to manage the functionalities of its employees

Functions:-

- 1) Each Employee can view his data
- 2) Each Employee can update his password
- 3) Admin can add an employee
- 4) Admin can delete employee
- 5) Admin can create a department
- 6) Admin can create a project
- 7) Admin can update details of employee
- 8) Employee can change his/her password
- 9) Anyone can see list of employees department wise
- 10) Anyone can view list of Employees Working under a particular Manager
- 11) Admin can assign Manager
- 12) Admin can assign members in a project

```
CREATE TABLE department
```

```
(  
    dep_id INTEGER,  
    dep_name VARCHAR(20),  
    primary key(dep_id)  
);
```

```
CREATE TABLE employees
```

```
(  
    emp_id INTEGER,  
    emp_name VARCHAR(15),  
    job_name VARCHAR(20),  
    hire_date DATE,  
    salary DECIMAL(10,2),  
    dep_id INTEGER,  
    primary key(emp_id),  
    foreign key(dep_id) references department(dep_id)  
    foreign key(emp_id) references password(emp_id) on delete cascade  
);
```

```
CREATE TABLE managers
```

```
(  
    man_id INTEGER;  
    emp_id INTEGER;  
    primary key(man_id,emp_id),
```

foriegn key(emp_id) references employees(emp_id)

);

CREATE TABLE project

(

emp_id INTEGER,

proj_name VARCHAR(20),

primary key(proj_name, emp_id),

foriegn key(emp_id) references employees(emp_id)

);

CREATE TABLE password

(

emp_id INTEGER,

password VARCHAR(20),

primary key(password, emp_id)

);