**Name:** Pritam Gunjawate

**Project:** Employee Management System

**Project guide:** Rajiv Gupta

**Project Details:**

Employee Management System is a web application, developed to maintain the details of employees working in any organization.it maintains the information about the personal details of their employees, also the details about the departments under which they are working.

The aim of the system is to develop “EMPLOYEE MANAGEMENT SYSTEM APP” software, which should automate the process to create and store the employee details in system.

**Functionalities Provided:**

1. Add new employee.
2. View all employees.
3. View single employee.
4. Update existing employee.
5. Delete employee.
6. Login

**URL Endpoints**

|  |  |  |
| --- | --- | --- |
| Method | API urls  Urls starts with base url | Operations |
| GET | */Employee* | *Get all employees* |
| GET | */Employee/{empId}* | *Get single employee*  *of given id in url* |
| POST | */Employee* | *Add new employee* |
| PUT | */Employee/{empId}* | *Update the employee* |
| DELETE | */Employee/{empId}* | *Delete the employee of given*  *Id in url* |
| POST | */ Employee/Login* | *Will Authenticate the employee* |
| GET | */department* | *Get all departments* |
| GET | */department/{deptId}* | *Get single department*  *of given id in url* |
| POST | */department* | *Add new department* |

Diagram

Description automatically generated

**ER Diagram**

**Diagram

Description automatically generated**

Table Description

Graphical user interface, text

Description automatically generated

**Pending Work:**

1. Need to add one more table for the address of the employees which will having one to many relationships between employee and address. i.e., one employee has many addresses.
2. Testing of all the methods to be done.
3. More API’s to be added in project to provide more functionalities.
4. Implement some sort of security in project.