

# *Software Requirements specification*

*For*

## *Employee Management System*

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## 1. Abstract

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The main objective of the project on Employee Management System is to Manage the details of information, leaves, salaries, login, employee. This project aims to simplify the task of maintaining records of the employee of company. Provides full functional report to management of company. The objective of this project is to provide a comprehensive approach towards the management of employee information.

## 2. Existing System

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- 2.1 The records are maintained in register.
- 2.2 Time consuming process.
- 2.3 Complicated Searching, editing & updating

## 3. Proposed System

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- 3.1 Helps in maintaining the computerized employee details.
- 3.2 Calculate the salary.
- 3.3 Easy Calculation of various leave in categories.
- 3.4 Computerized events & requests management.
- 3.5 create new users to the system accordingly.

## 4. Functional Requirements

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### 4.1 Employee

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- 4.1.1 In employee class we can collect their details
- 4.1.2 The system should record following employee details into member database.

- EmployeeName
- EmployeeId
- EmployeeEmail
- EmployeePhoneNumber

### 4.2 Login

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- 4.2.1 The system should verify the customer EmployeeId & password against the member database when logging in.
- 4.2.2 After login, employee should be directed to Home screen.

## 4.3 Department

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**4.3.1** The employee should enter their Department Details

**4.3.2** The system should record following employee department details into database

DepartmentId

DepartmentTitle

Domain

Role

**4.3.3** The system should record following details into database

## 4.4 Salary

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**4.4.1** The employee should enter their EmployeeId ,Amount and Bonus.

## 4.5 Leave

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**4.5.1** The employee should enter their EmployeeId , NoOfDays and PurposeOfLeave.

## 5. Non-Functional Requirements

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### 5.1 Security

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**5.1.1** All external communications between the data's server and client must be encrypted

**5.1.2** All data must be stored, protected or protectively marked..

### 5.2 Safety

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**5.2.1** Database should be backed up every hour.

**5.2.2** Under failure, system should be able to come back at normal operation under an hour.

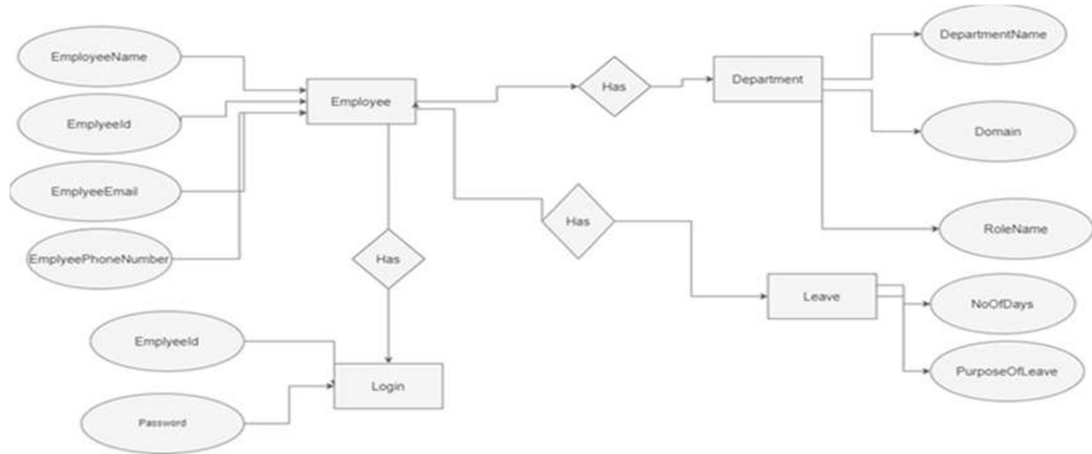
### 5.3 Maintainability

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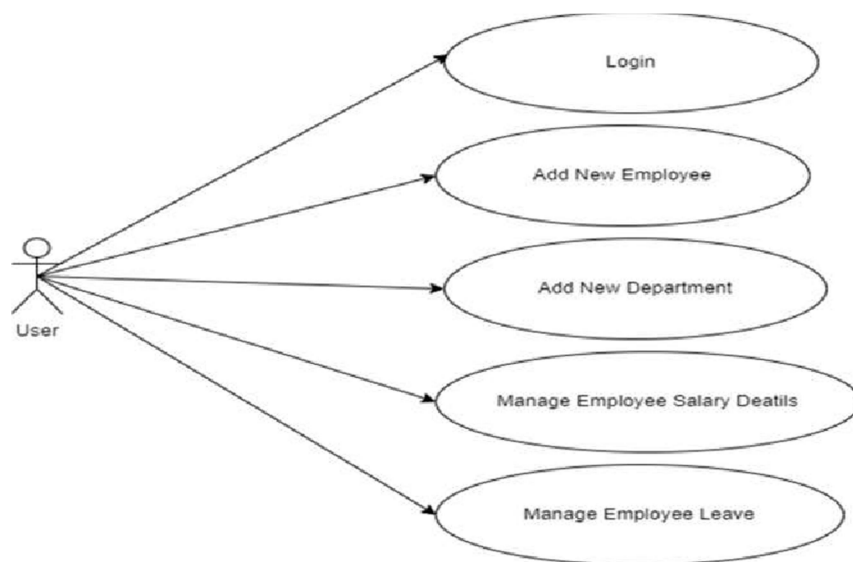
**5.3.1** The application is maintained, and it is of low cost.

## 6. Diagram

### 6.1 ER Diagram



### 6.2 UseCase Diagram



### 6.3 Sequence Diagram

