**Business Requirement for Employee Attendance Management**

Using the below information, you must design the database for this and must implement the code as per the requirement.

1. There should be a window for login as an administrator when you start the application.

Login

@Login Window

Sampleuser@xyz.com

Enter password here

Username:

Password:

1. After successful login a new window should open in the format as given below.

@Welcome Window

Welcome to the Employee Attendance Management System. Please choose appropriate operation from below.

Manipulate Employee Details

Mark Attendance

Attendance Reporting

1. Manipulate Employee Details Window.

@Manipulate Employee Details Window

Welcome to the manipulation Employee details window. Please choose appropriate operation from below.

Add new Employee

Delete an existing Employee

Modify existing Employee

1. Mark Attendance. Attendances marked as absent and present should be saved in different table in database.

@Mark Attendance Window

10-digit Employee ID

Employee ID:

Date:

Use date component.

Present

Absent

1. Attendance Reporting.

@Attendance Reporting Window

Welcome to the Attendance reporting window. Please choose appropriate operation from below.

Monthly Report

Report based on Dates

Overall Report

1. Add new employee. If employee id already exists, then notify to enter a unique employee id.

@New Employee Window

Dummy Name.

Employee Name:

10-digit unique id.

Employee ID:

Address here.

Address:

10-digit phone no.

Phone No.:

Save Details

1. Delete an existing employee.

@Delete Employee Window

Please enter the employee ID in the below field to delete details of that employee.

10-digit employee id

Employee Id:

Delete Employee

1. Modify Existing Employee details.

@Modify Existing Employee Window

Employee Id:

10-digit employee id

Changed Name

Employee Name:

Address:

New Address

New Phone No.

Phone No.:

Modify Details

1. Monthly report window. This will work on the current month basis. It should pick first date of the current month and fetch details till current date.

@Generate Monthly Report Window

Please enter the employee ID in the below field to know monthly absent and present for that employee.

10-digit employee ID

Employee ID:

Generate Report

1. Report based on dates window. Use date components so that the user can get the option to choose date from it instead of typing date manually.

@Generate report based on Dates

Please enter the employee ID in the Employee ID filed and select dates to generate the report.

10-digit employee ID

Employee ID:

DD/MM/YYYY

Start Date:

DD/MM/YYYY

End Date:

Generate Report

1. Overall Report.

@Generate Overall report Window

Please enter the employee ID in the below field to generate report of all absent and present details from first day.

10-digit employee ID

Employee ID:

Generate Report

**Note:**

1. For every failed validation or operation, there should be a notification message required with the valid reason for failure. Make sure to handle the exceptions accordingly.
2. You should always store the dates when adding a new employee in the system and when storing the absent and present information in the table. It will be helpful to generate the reports.