A

PROJECT DAIRY ON

“EMPLOYEE LEAVE MANAGEMENT SYSTEM”

Submitted By,

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ROLL NO-63

MCA-1

IN PARTIAL FULLFILLMENT OF

MASTER OF COMPUTER APPLICATION

For

INSTITUTE OF MANAGEMENT STUDIES AND CARRER DEVELOPMENT AND RESEARCH.

NAAC RE-ACCREDITED: A+ GRADE

Affiliated To

SAVITRIBAI PHULE PUNE UNIVERSITY

ACADEMIC YEAR (2021-22)

INTRODUCTION

This project is aimed at developing an Employee Leave Management system, that is of importance to either an organization. The Leave Management System (ELMS) is an internet based application that can be accessed throughout the organization or a specified group/Dept.

This system can be used to automate the workflow of leave applications and their approvals. The periodic crediting of leave is also automated. There are features like apply for leave, the admin can approval of leave, add leave types, also can add employees and departments etc. in this system. Leave Management application will reduce paper work and maintains record in more efficient way.

In the existing paper work related to leave management, leaves are maintained using the attendance register for staff. The staff needs to submit their leaves manually to their respective authorities. This increases the paperwork & maintaining the records becomes tedious.

I chose Employee leave management software as the system seemed simple and easy to use. During its development we realized that we needed software that may help to manage leave activities and various other adjustment like add department, view leaves.

SCOPE

- Employee Module
- Admin Module

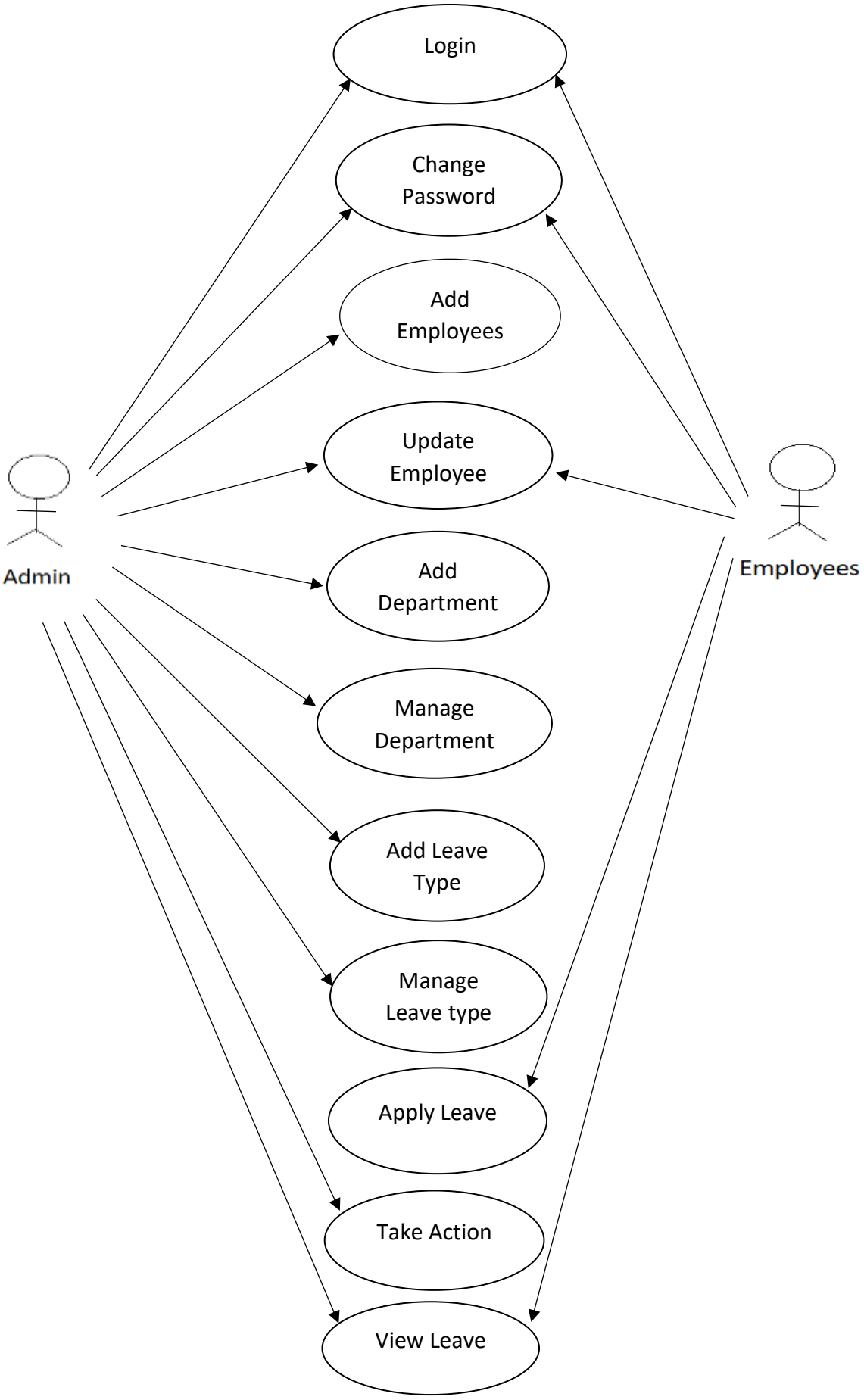
Admin Module details:

- Admin can add/update leave type and departments
- Admin can add an employee and also update the employee info. Also can active or block an employee.
- Admin can also manage the leave application(approve and not approve).
- Every time when an employee applies for leave admin will get a notification.
- Admin can change own password after login.
- Admin can also view admin dashboard

Employee Module details:

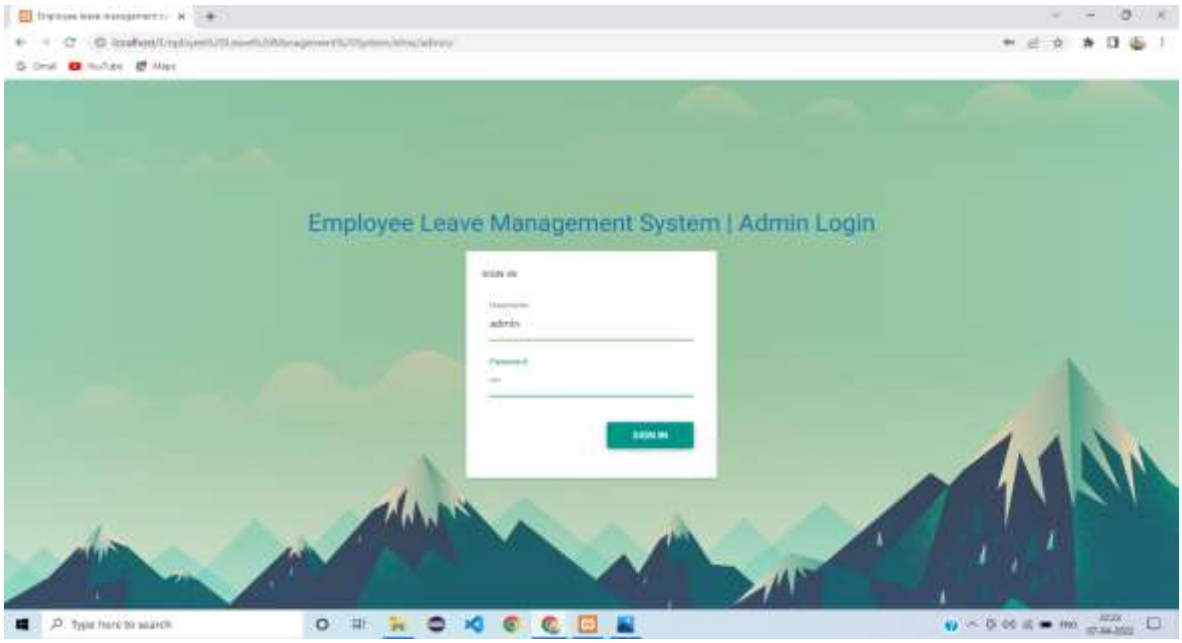
- Employee can login with the valid email and password.
- Update his/her profile
- Applied for leave
- View the leave history
- Change his/ her password
- Password Recovery with the valid email id and empid
- View Leave History

USE CASE DAIGRAM

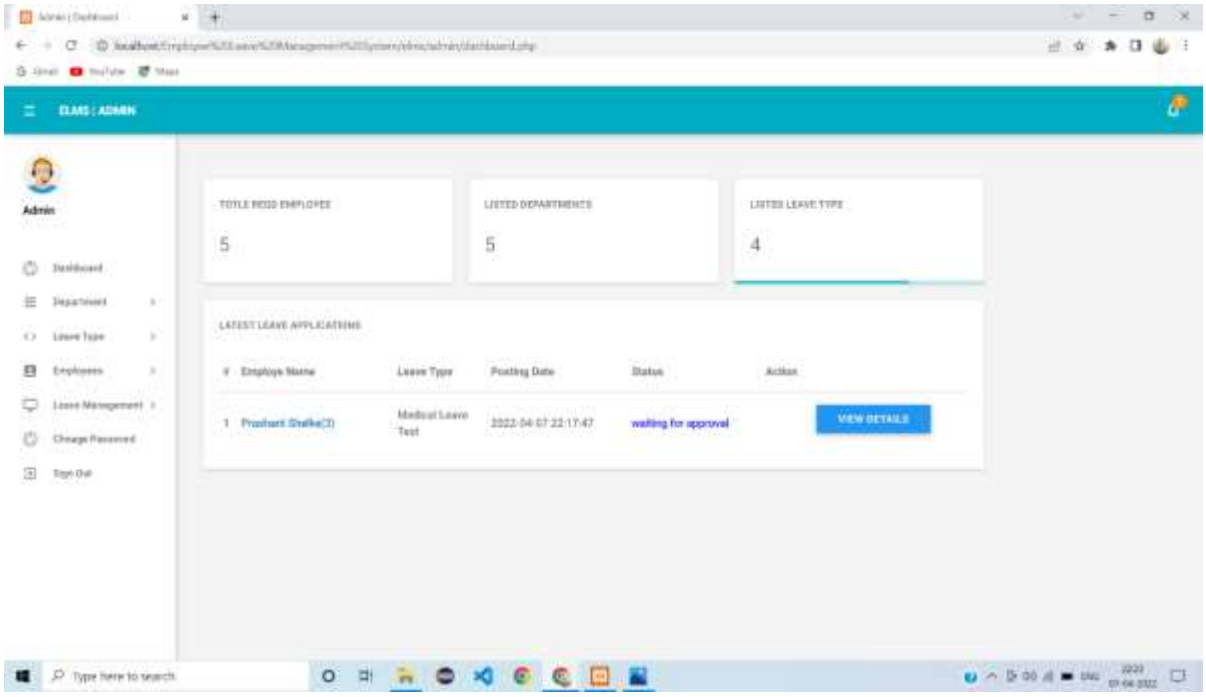


SCREEN SHOTS

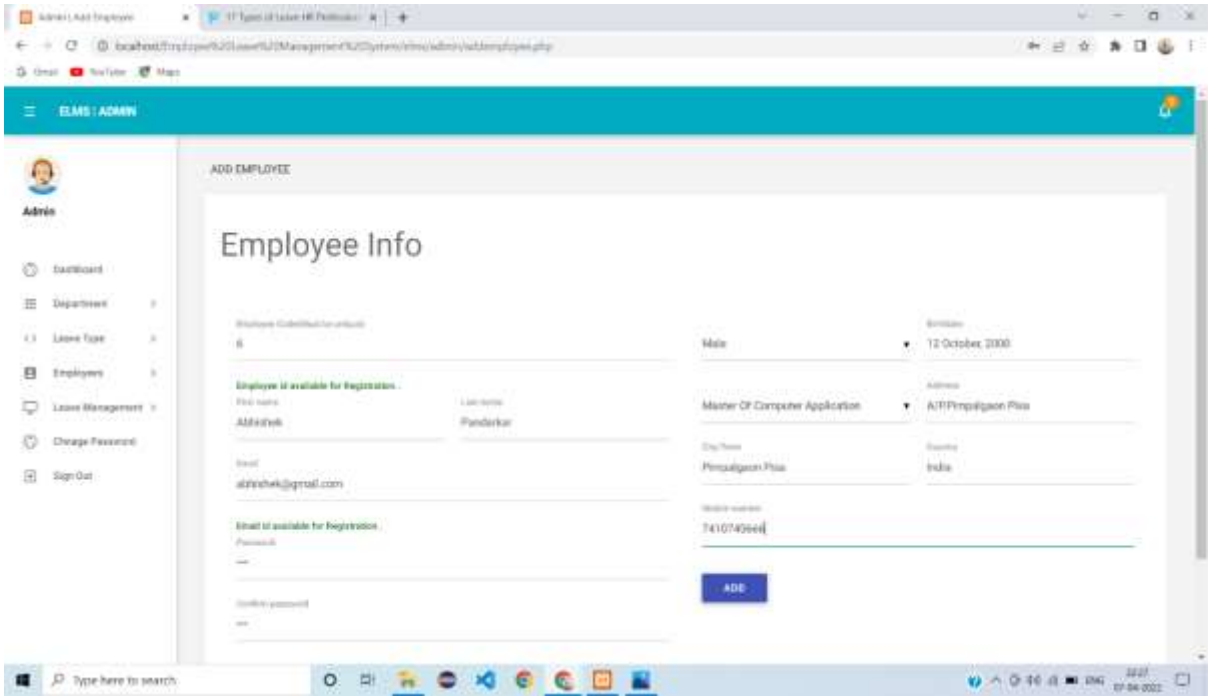
Admin Login:



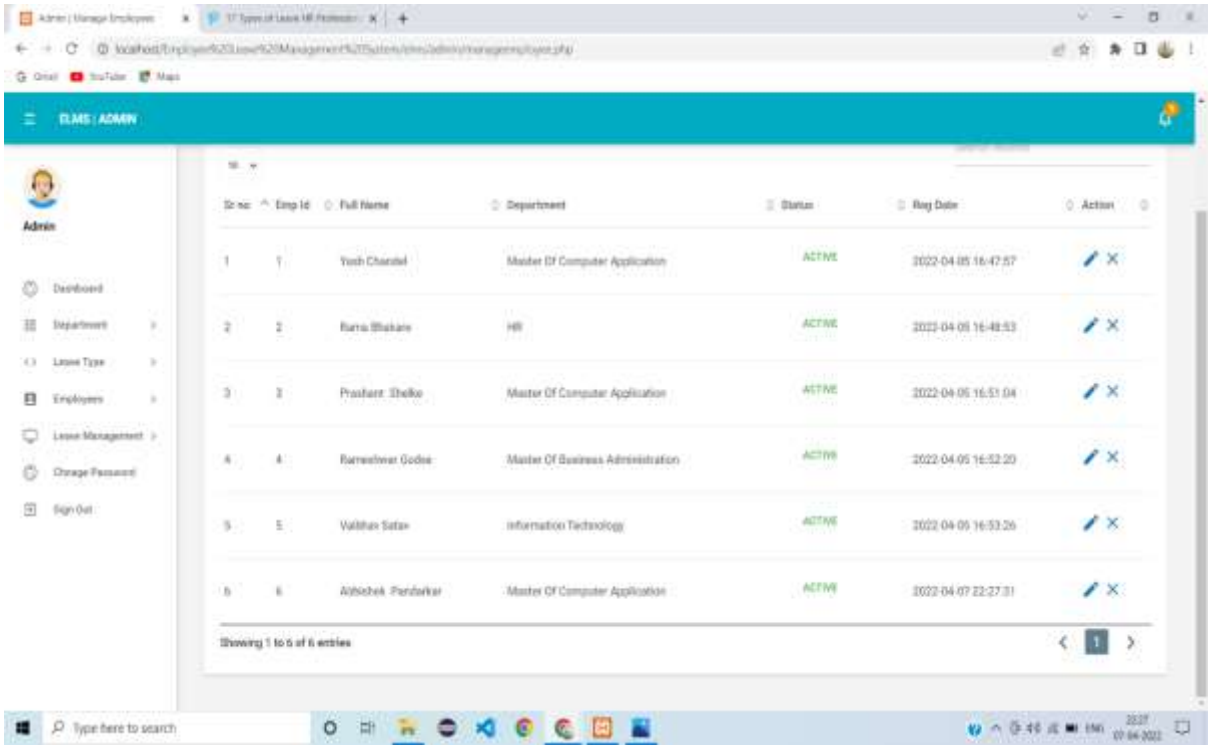
Dashbord:



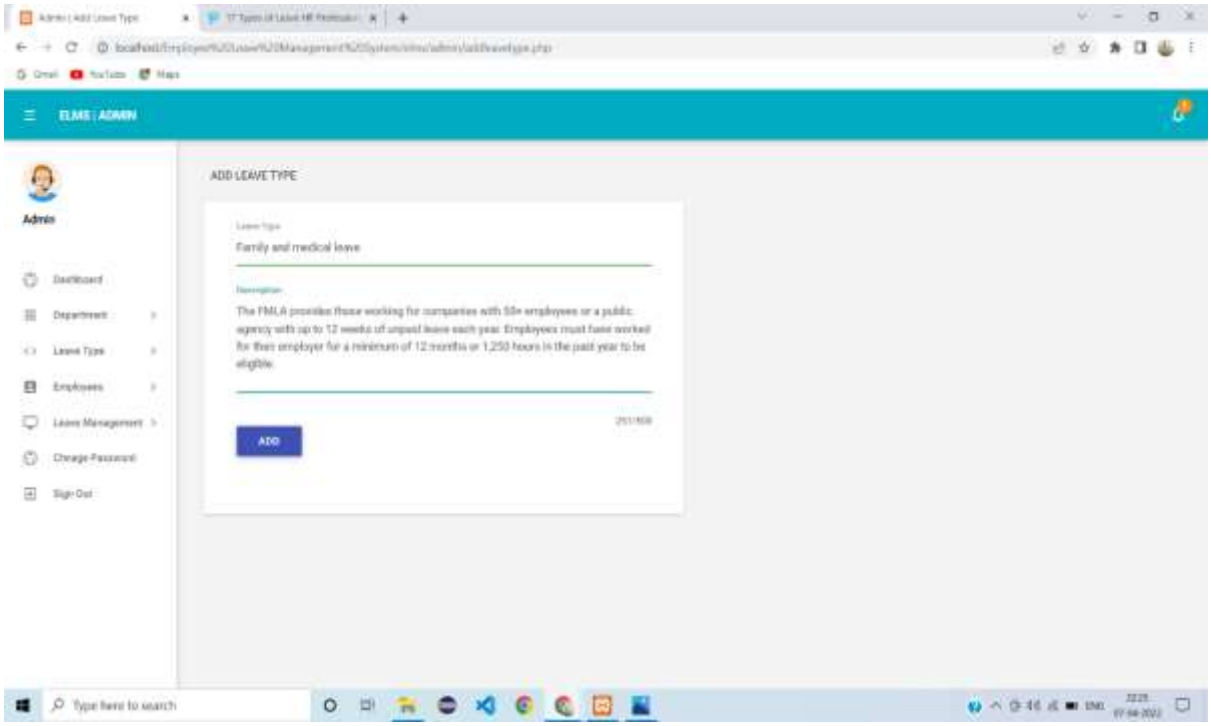
Add Employee:



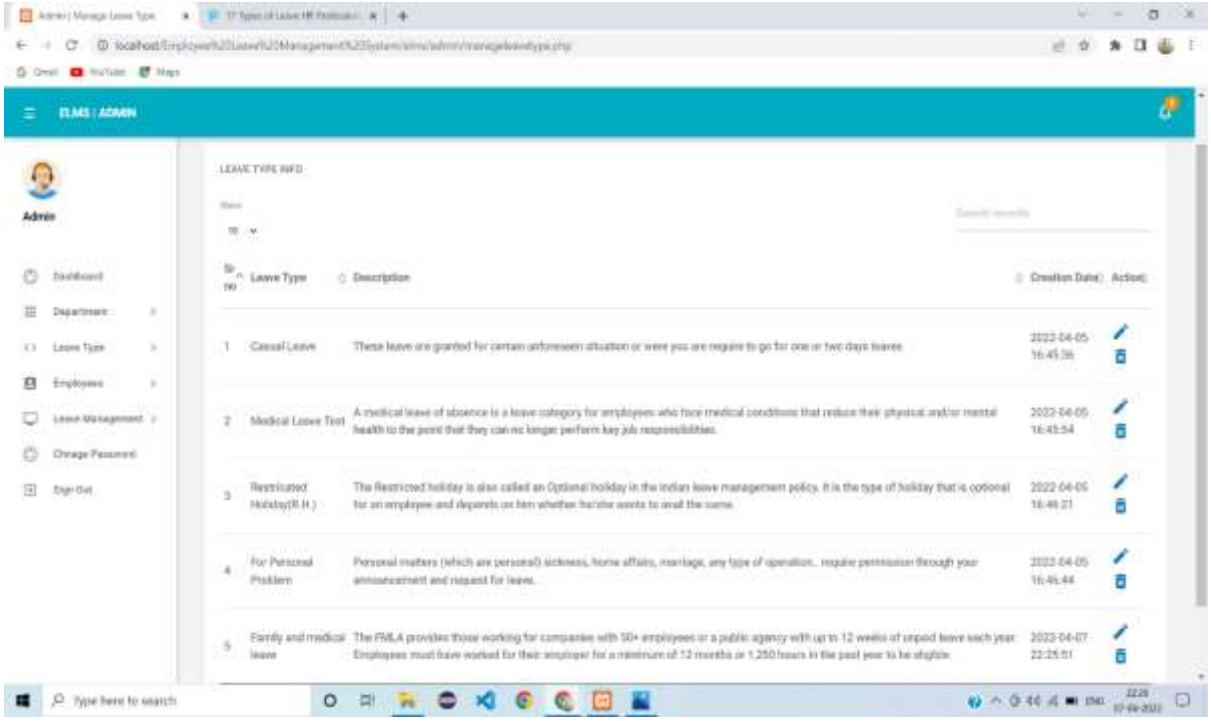
Manage Employees:



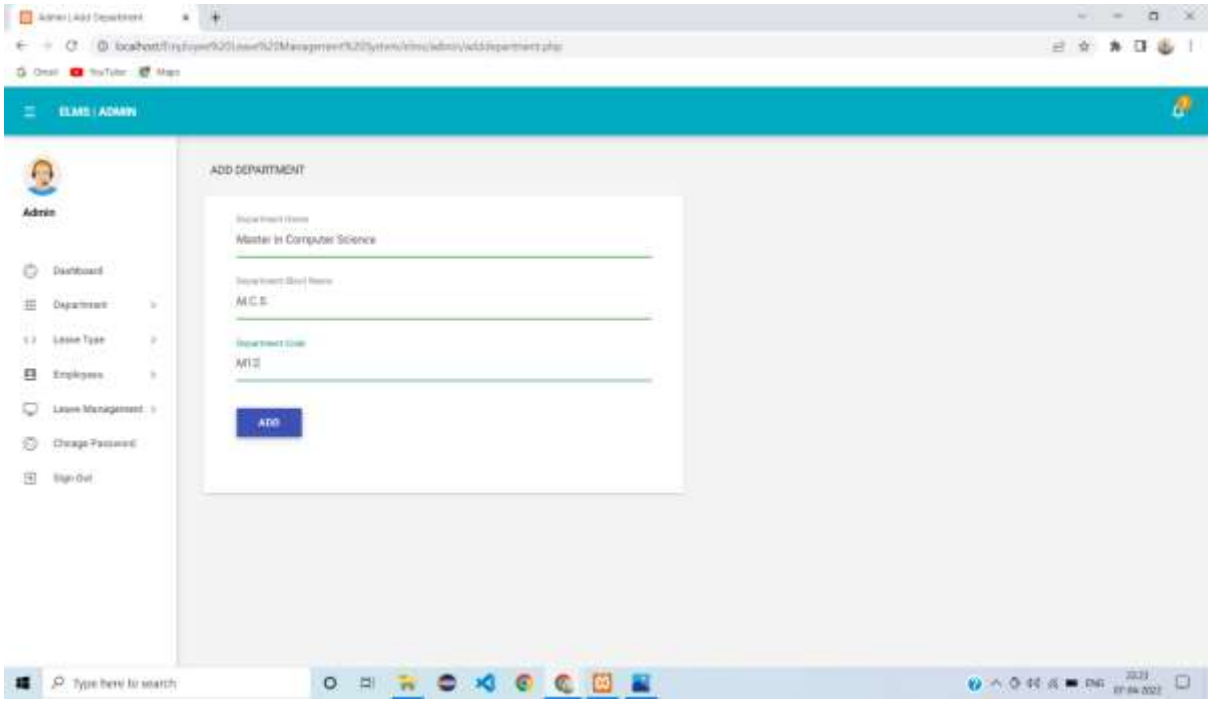
Add Leave Type:



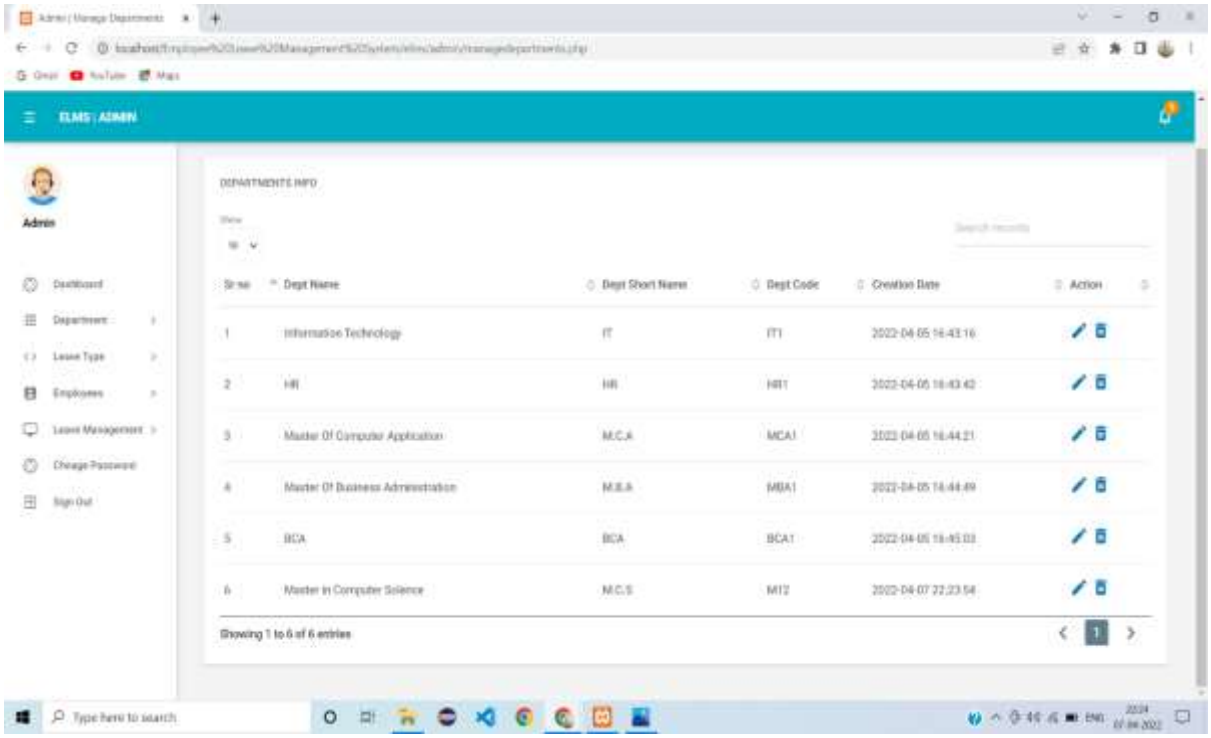
Manage Leave Type:



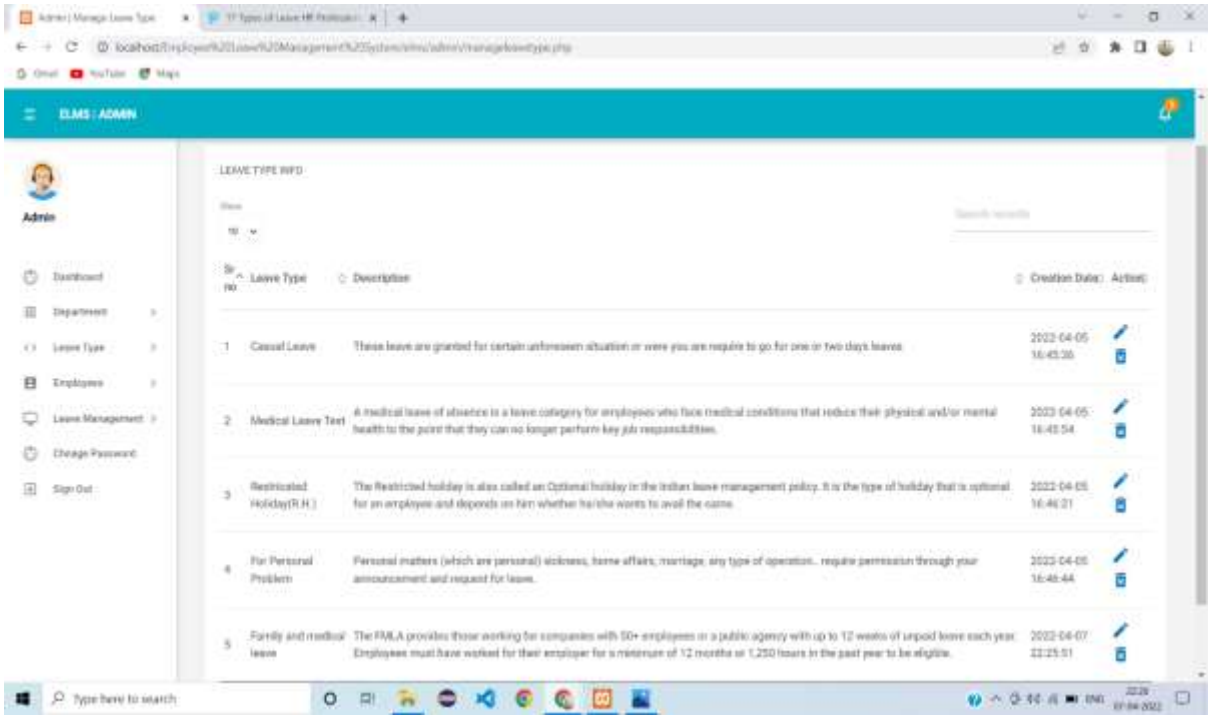
Add Department:



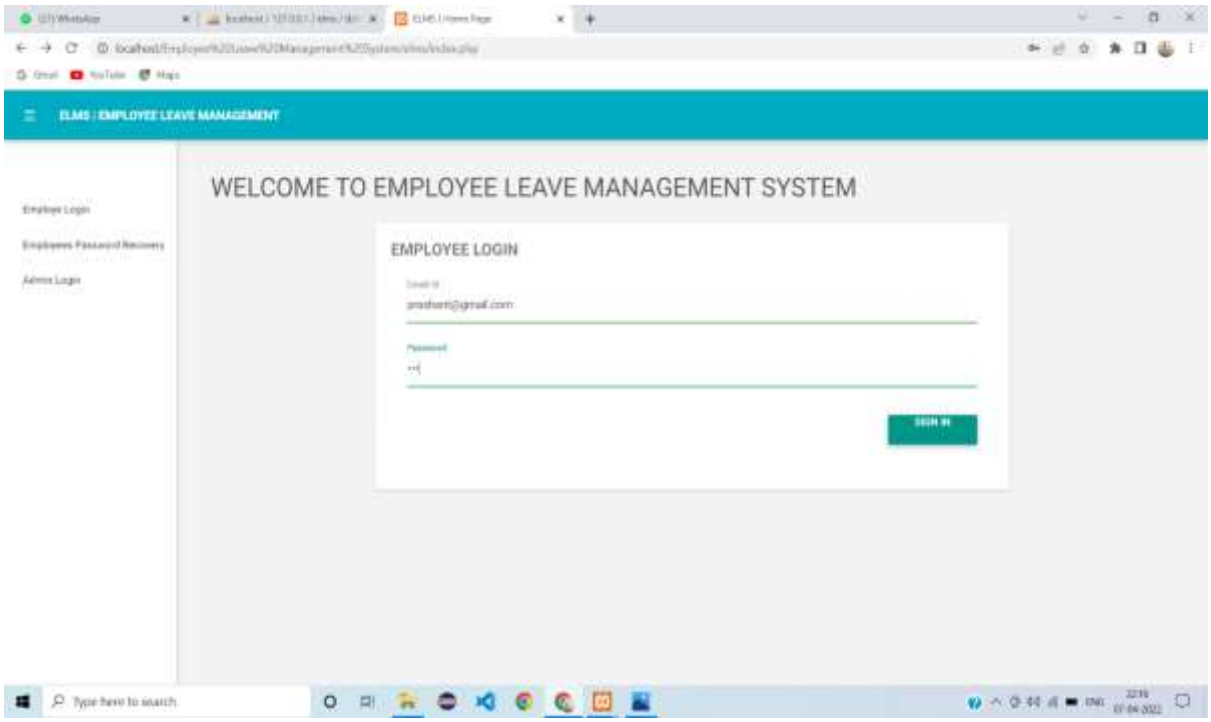
Manage Department:



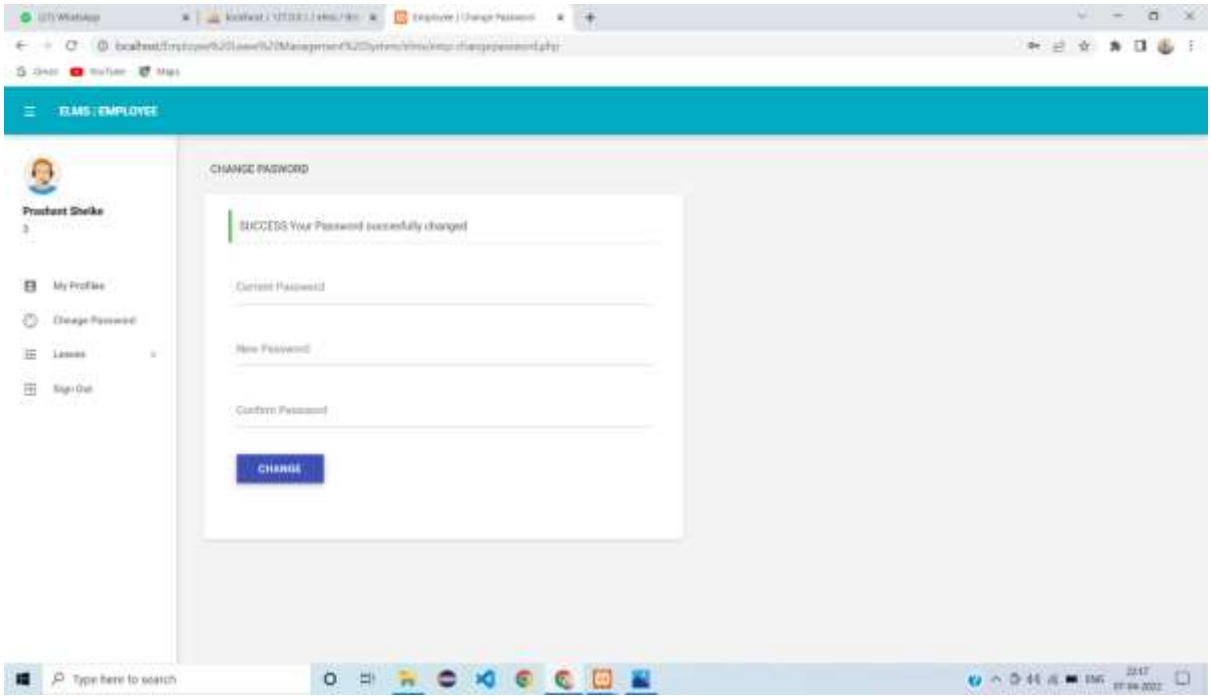
View Leave Type:



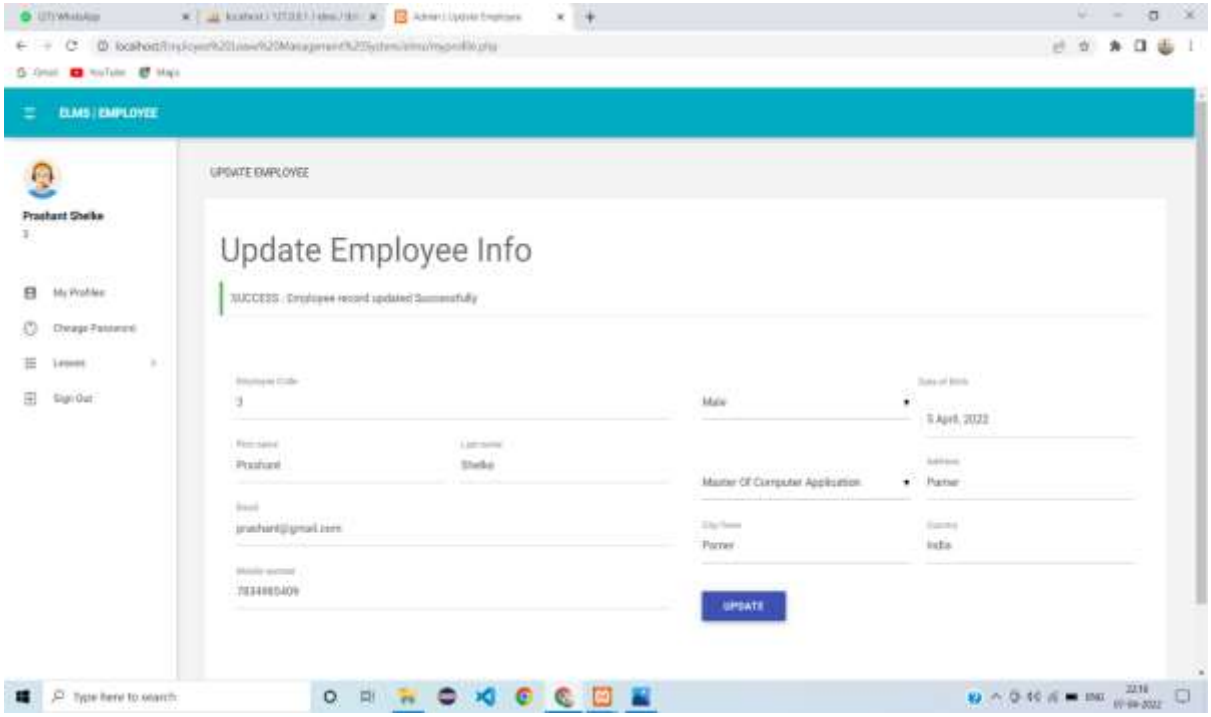
Employee Login:



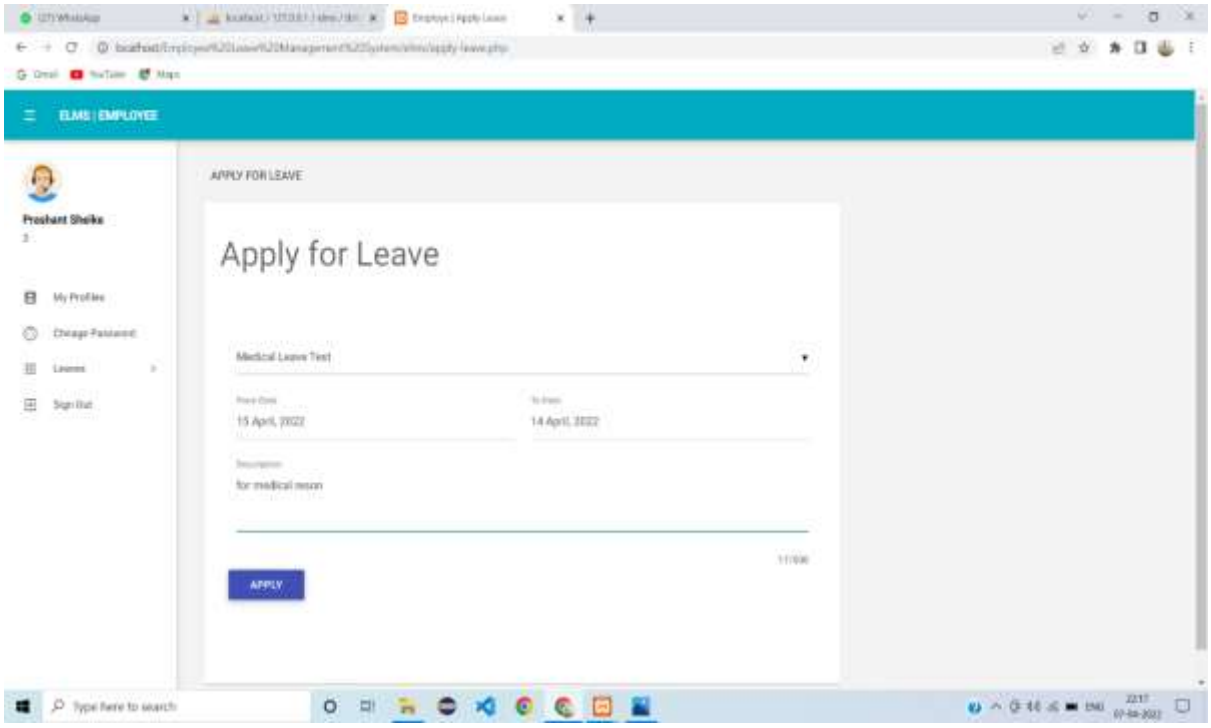
Employee Password Change:



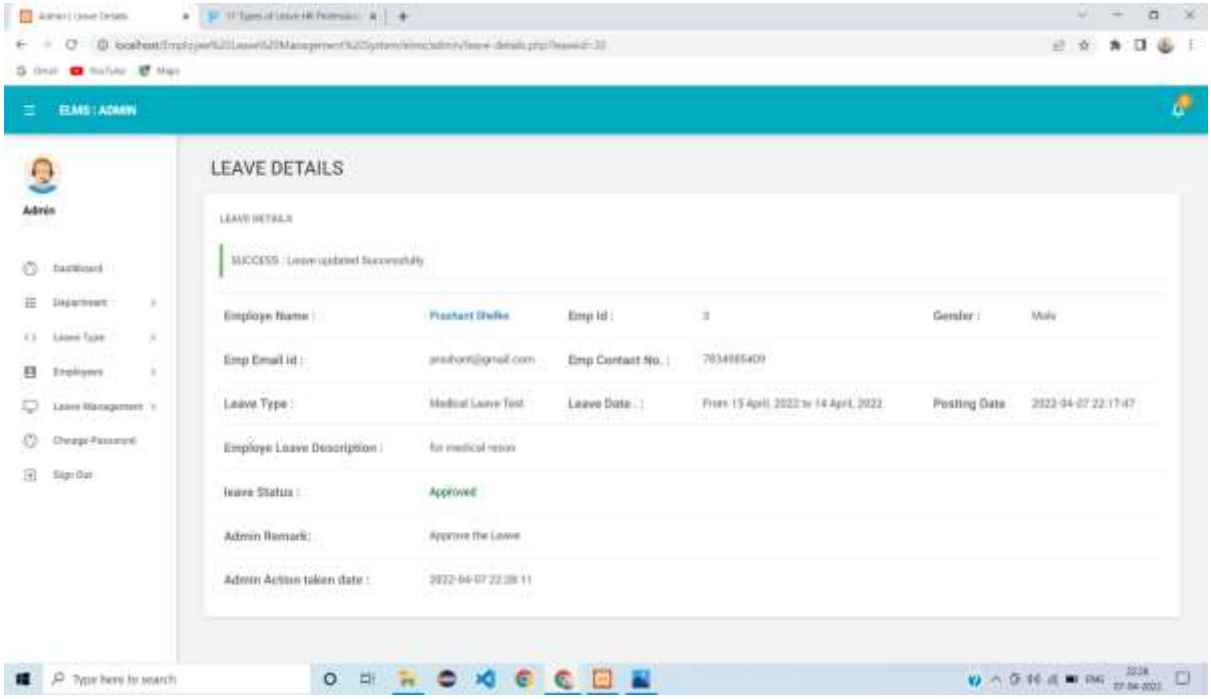
Update Employee:



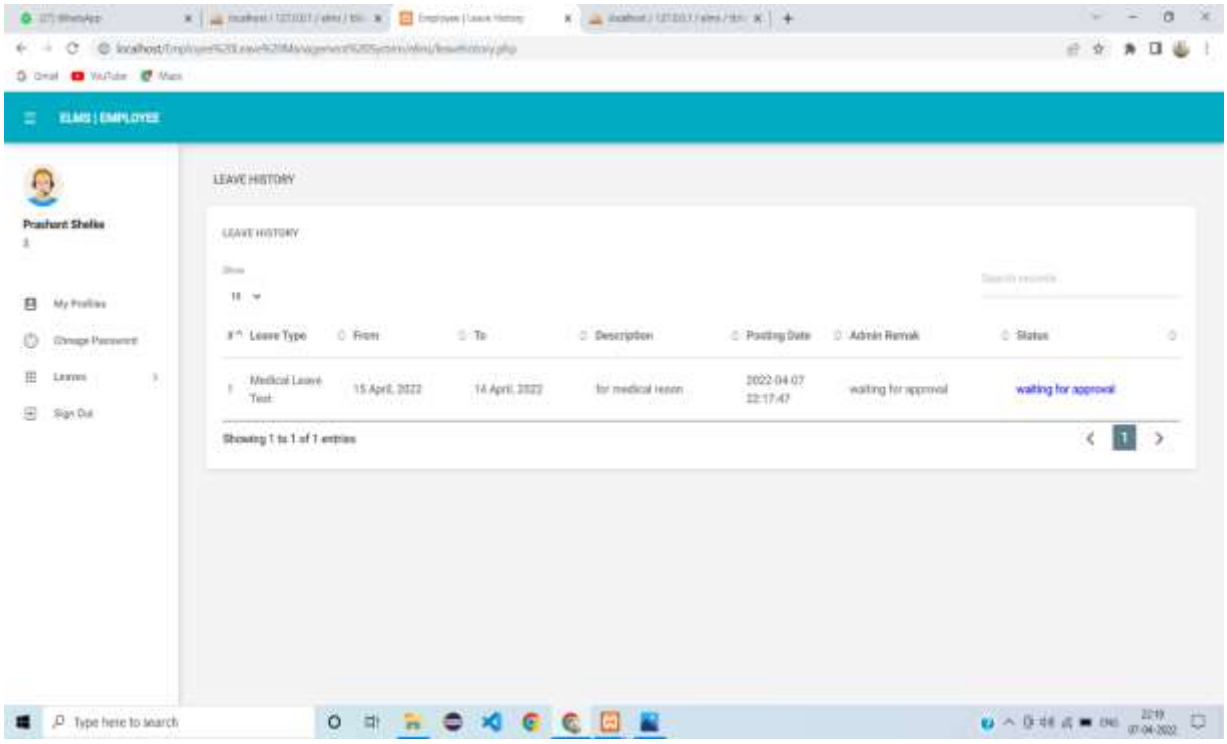
Apply Leave:



Take Action:



Employee Leave History:



DATABASE DESIGN

Admin Table:

Sr No.	Field Name	Field Size	Data Type	Description	Constraint
1.	Id	3	Int	Admin Id	Primary key
2.	User_name	50	Varchar	Name of Admin	Not Null
3.	Password	50	Varchar	Password of Admin	Not Null
4.	Updation_date	-	Date	Updation Date	Not Null

Department Table:

Sr No.	Field Name	Field Size	Data Type	Description	Constraint
1.	Id	3	Int	Department Id	Primary key
2.	Department_name	50	Varchar	Department Name	Not Null
3.	Department_Short_name	50	Varchar	Department Short Name	Not Null
4.	Department_Code	15	Varchar	Department Code	Not Null
5.	Creation_Date	-	Date	Creation Date	Not Null

Employees Table:

Sr No.	Field Name	Field Size	Data Type	Description	Constraint
1.	Id	10	Int	Id	Primary key
2.	Emp_Id	10	Int	Employee Id	Not Null
3.	First_Name	10	Varchar	Employee First Name	Not Null
4.	Last_Name	10	Varchar	Employee Last Name	Not Null
5.	Email_Id	20	Varchar	Employee Email Id	Not Null
6.	Password	10	Varchar	Employee Password	Not Null
7.	Gender	10	Varchar	Employee Gender	Not Null
8.	Dob	-	Date	Employee DOB	Not Null
9.	Department	10	Varchar	Employee Department	Not Null
10.	Address	20	Varchar	Employee Address	Not Null
11.	City	20	Varchar	Employee City	Not Null
12.	Country	10	Varchar	Employee Country	Not Null
13.	Phonen_umber	10	Number	Employee Phone number	Not Null
14.	Status	10	Varchar	Employee Status	Not Null
15.	Reg_Date	-	Date	Registration Date	Not Null

Leaves Table:

Sr No.	Field Name	Field Size	Data Type	Description	Constraint
1.	Id	3	Int	Employee Id	Primary key
2.	Leave_Type	20	Varchar	Leave Type	Not Null
3.	To_Date	-	Date	Leave To Date	Not Null
4.	From_Date	-	Date	Leave From Date	Not Null
5.	Description	20	Varchar	Description	Not Null
6.	Posting_Date	-	Date	Posting Date	Not Null
7.	Admin_Remark	20	Varchar	Admin Remark	Not Null
8.	Admin_Remark_Date	-	Varchar	Admin Remark Date	Not Null
9.	Status	10	Varchar	Status	Not Null
10.	Emp_Id	10	Varchar	Employee Id	Primary Key

Leaves Type Table:

Sr No.	Field Name	Field Size	Data Type	Description	Constraint
1.	Id	3	Int	Employee Id	Primary key
2.	Leave Type	20	Varchar	Leave Type	Not Null
3.	Description	20	Varchar	Employee Description	Not Null
4.	Creation_Date	-	Date	Creation Date	Not Null

Project Diary

concept Decide the topic of Project

Day-1	Date - 15/02/2022
Notes	Drawing/Screenshot
Decide the topics for the project After discussing I consider my skill and how use of system so, desided to make Project for "Employee Leave Management" System	Employee Leave Management System.

Concept · Decide forms in project

Day-2	Date - 21/02/2022
Notes	Drawing/Screenshot
Decided the total forms in project Decide and think which forms should add	- Admin Login - Add Employee - Manage Employee - Add Department - Manage Department - Manage Leave - Employee Login - Apply Login - Approve Leave

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concept - coding for some designing Part

Day-3	Date - 28/02/2022
Notes	Drawing / Screenshot
Using HTML, CSS create Home Screen	Employee Leave Mng. Employee Login

concept - create some databases.

Day-4	Date-04/03/2022
Notes	Drawing / Screenshot
Decide database means Table how many table to create. I choose MySQL database for storing the data in database.	In this movement create some problem my xampp is not working properly.

concept - Solve Server problem and continue work.

Day - 5	Date - 08/03/2022
Notes	Drawing / Screenshot
I Solve my Server problem and then continue my database.	1. Admin Table 2. Department Table 3. Employees Table 4. Leaves Table 5. Leaves Types Table

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Concept - connect database and design remaining form.

Day-6	Date: 15/03/2022
Notes	Drawing | Screenshot
Some changes taken in the form, then connect to the database.	Employee Leave Mng. System Enter Email Id password

Concept : Documentation creation start

Day 7	Date: 21/03/2022
create means starting to create documentation such as introduction, scope and database design.	Introduction scope database design form screenshot

Concept : Draw diagram

Day 8	Date: 24/03/2022
Start to draw diagram in Ms-word	Draw the Use case diagram for Employee Leave Management System:

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Concept - Add to validation for Login form

Day - 9	Date: 26/03/2022
Notes	Drawing/Screenshot
Add code for Home Login, Admin page. Added a validation for different fields of form.	Admin Login username Password Signin

Concept - Add to code for Employee Registration and others forms.

Day - 10	Date - 29/03/2022
Notes	Drawing/Screenshot
Add code for Employee leave types, Employees Registration, Add department, and view leave	—11— —11— —11— —11— Manage forms.

Concept - Add Report.

Day - 11	Date: 31/03/2022
create Employee leave Report	-Employee Leave History.

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concept - Adding some Extra field in the form.

Day - 12	Date - 01/04/2022
Add Employee Active or deactive button in Employee Manage form	Employee X

concept - Add some in leave form.

Day - 13	Date - 04/04/2022
Add pending leave option in employee leaves to see a pending leaves.	pending leave.

Concept - To done some updation in our project

Day-14	Date-06/04/2022
To add some changes in font, design and color in the form.	

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concept - final execution of project

Notes:	Date: 07/04/2022
Day 15 to 18	
Run the total project and create documentation means add input and output screen and some screenshot of forms and write in details.	

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