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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATABASE MANAGEMENT SYSTEM WITH MINI PROJECT
18CSL58

"EMPLOYEE MANAGEMENT SYSTEM"

Submitted by
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For the academic year 2021-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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Department of Computer Science & Engineering

Certificate

This is to certify that the implementation of **DBMS MINI PROJECT** entitled "**EMPLOYEE MANAGEMENT SYSTEM**" has been successfully completed by

USN: 1BI19CS078   **NAME: KOUSHIK. G. G**

of V semester B.E. for the partial fulfilment of the requirements for the Bachelor's degree in Computer Science & Engineering of the Visvesvaraya Technological University during the academic year 2021-2022.

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Bangalore Institute of Technology   Bangalore Institute of Technology
Bengaluru   Bengaluru

Examiners: 1)   2)

ABSTRACT

A database is the single most useful environment in which to store data and an ideal tool to manage and manipulate that data. The benefits of well-structured database are infinite, with increased deficiency and time saving benefits. This project is designed to make the existing manual system automatic with the help of computerised equipment and full-edged computer software, fulfilling their requirements, so that their valuable data and information can be stored for a longer period with easy access and manipulation of the same. The required software is easily available and easy to work with. This web application can maintain and view computerised records without getting redundant entries. The project describes how to manage user data for good performance and provide better services for the client.

ACKNOWLEDGEMENT

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CHAPTER 1

INTRODUCTION

1.1. General Overview

The proposed project "Employee Management System" has been developed to overcome the problems faced in the practicing of manual system. This software is built to eliminate and, in some cases, reduce the hardships faced by the existing system. Moreover, this system is designed for particular need of the company to carry out its operations in a smooth and effective manner. This web application is reduced as much as possible to avoid errors while entering data. It also provides error message while entering invalid data. It is user-friendly as no formal knowledge is required to use the system. Human resource challenges are faced by every organization which has to be overcome by the organization. Every organization has different employee and payroll management needs. Therefore, I have designed exclusive Employee Management System that are adapted to the organization's Managerial Requirements.

The purpose of this document is to describe the functionality and specifications of the design of a web application for Managing Employees and their payroll. The expected audiences of this document are the developers and the admin of the web application. Now with the help of this system the admin has the information on his finger tips and can easily prepare a good record based on their requirements. Finally, we can say that this system will not only automate the process but save the valuable time of the manager or the admin, which can be well utilized buy his institute. This will be an additional advantage and management of power based on their free time from his normal duty.

1.2. Problem statement

This system will maintain employee information in a database by fully privacy and authority access. The project is aimed at setting up employee information system about the status of the employee, the educational background and the work experience in order to help monitor the performance and achievements of the employee through a password protected system.

CHAPTER 2

BACKEND DESIGN

2.1. Conceptual Database Design

An **Entity–relationship model (ER model)** describes the structure of a database with the help of a diagram, which is known as **Entity Relationship Diagram (ER Diagram)**. An ER model is a design or blueprint of a database that can later be implemented as a database. The main components of E-R model are: entity set and relationship set.
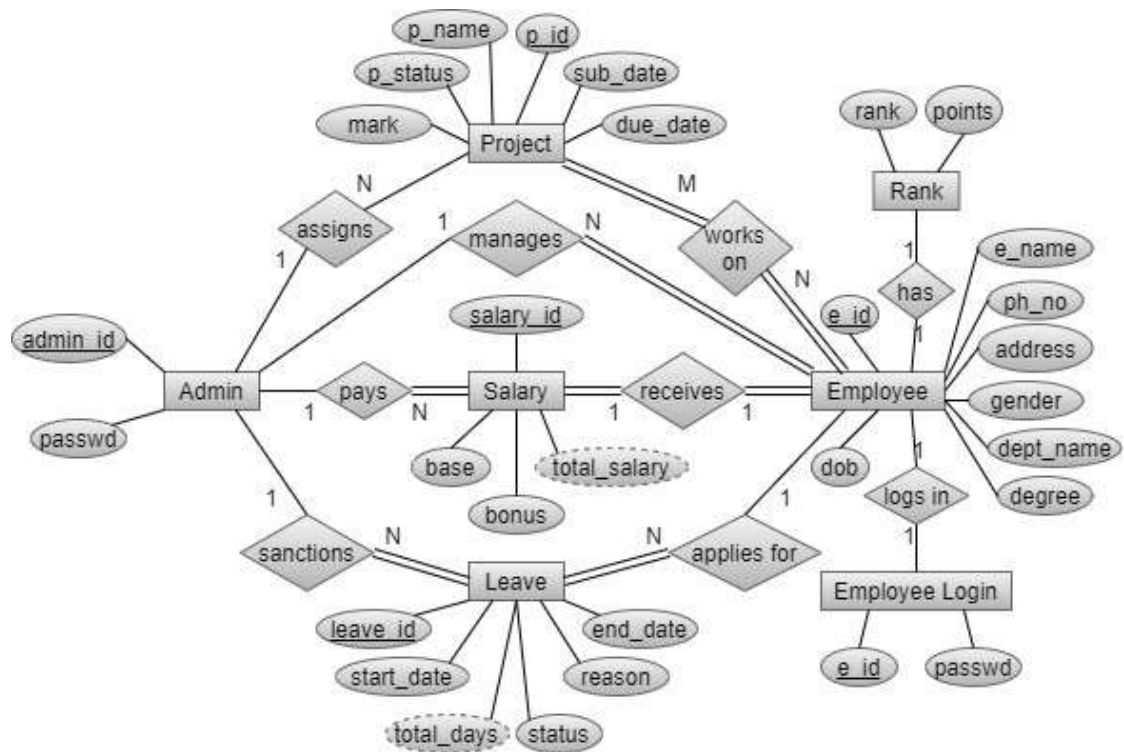
Fig.1.1. ER Diagram for Employee Management System

2.2. Logical Database Design

Logical database design is the process of transforming a conceptual schema of the application domain into a schema for the data model underlying a particular DBMS, such as the relational or object-oriented data model.

ADMIN(admin_id, email, password)

EMPLOYEE LOGIN(e_id, email, password)

EMPLOYEE(e_id, f_name, l_name, birthdate, gender, contact, address, dept_name, degree)

PROJECT(p_id, e_id, p_name, sub_date, due_date, mark, p_status)

LEAVE(e_id, token, start_date,end_date, total_days, reason, status)

RANK(e_id, rank, points)

SALARY(e_id, salary_id, base, rank, bonus, total_salary)

Fig.1.2. ER to Relational-Mapping for Employee Management System

2.3. Normalization

1. Admin

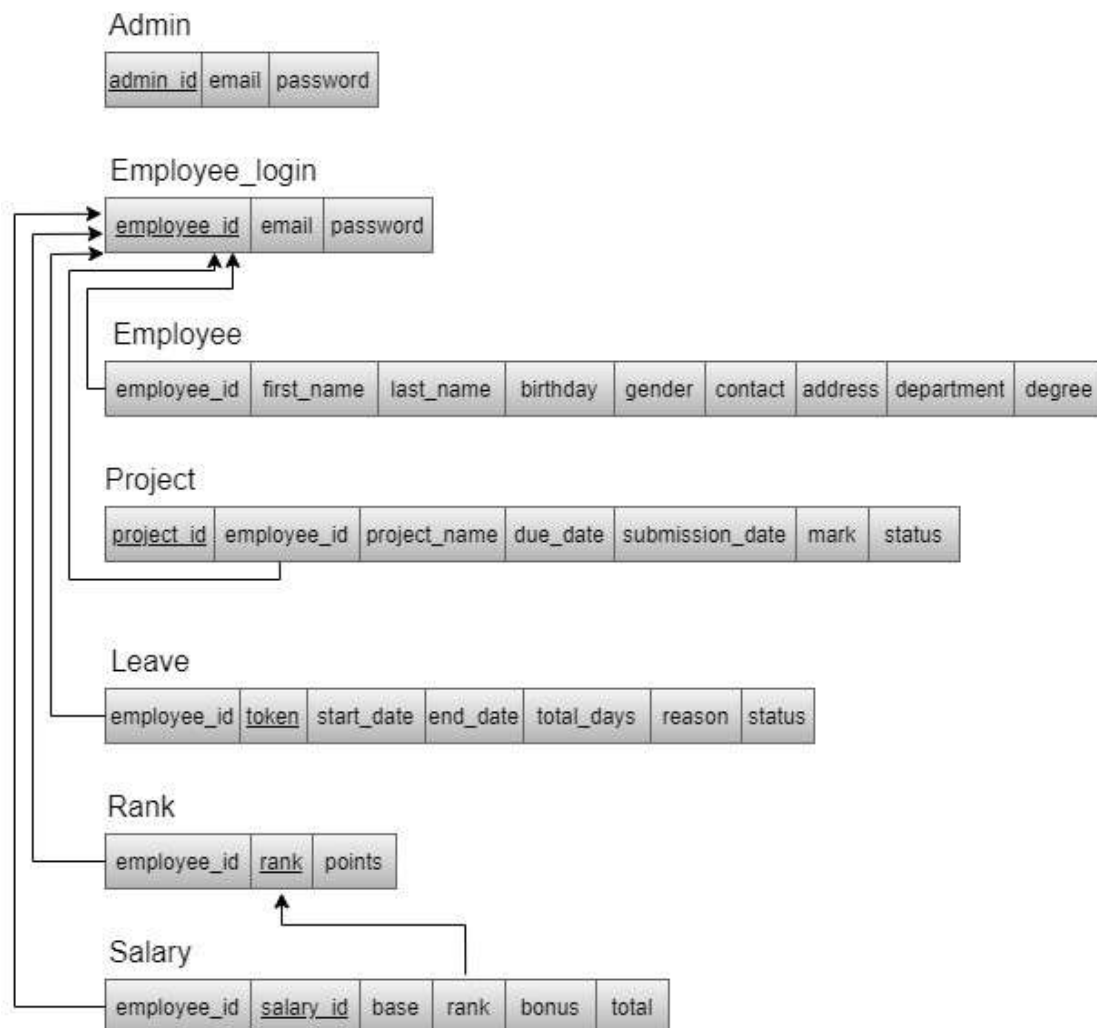| Id	Email	Password
1	admin@gmail.com	admin

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

2. Employee Login

Id	Email	Password
1	alfred848@gmail.com	1234
2	streetgrovecj@gmail.com	1234
3	graymatter1958@gmail.com	1234

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

3. Employee

Id	First Name	Last Name	Birthdate	Gender	Contact	Address	Dept	Degree
1	Alfred		1974-06-30	Male	01612484848	275A Upper Brook St, Manchester, M13 0HR	IT	B.Tech
2	Carl	Johnson	1997-05-04	Female	6512909664	59 Groove Street, Minnesota, 55101, United States	HR Manager	MBA
3	Gustavo	Fring	1983-11-29	Male	9132876777	5600 State Ave, 66102, United States	Chef	12th

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

4. Employee Leave

Id	Token	Start Date	End Date	Reason	Status
1	1	'2022-01-31'	'2022-02-03'	'Corona'	Pending
2	2	'2022-02-10'	'2022-02-15'	'Marriage	Approved
3	3	'2022-02-17'	'2022-02-18'	'Sick Leave'	'Cancelled

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

5. Project

Project id	Employee id	Project name	Due Date	Submission date	Marks	Status
11	1	Employee Management System	2022-02-10	2022-01-21	5	Submitted
12	2	Employee Management System	2022-01-22	0000-00-00	4	Due
13	3	Hotel Management	2022-01-22	2022-01-21	6	Submitted

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

6. Rank

Employee id	Points
1	5
2	4
3	12

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

7. Salary

Employee id	Base	Bonus	Total
1	10000	7	10700
2	50000	8	54000
3	100000	22	122000

1 NF: The table satisfies 1NF as all attributes have atomic values.

2 NF: The table satisfies 2NF as there are no partial dependencies.

3 NF: The table satisfies 3NF as there are no transitive dependencies.

CHAPTER 3

FRONT-END DESIGN

3.1. Screen Layout Design

One of the most important for any application is the design of the graphical user interface (GUI) and the layout of the screen. Many of the applications have become popular because of the good and ease of use of the application because of the good user interface and attractive design of the GUI (Graphical user interface).

The basic web page is divided into sections as shown below: Brand, Navbar, Main Content and Footer
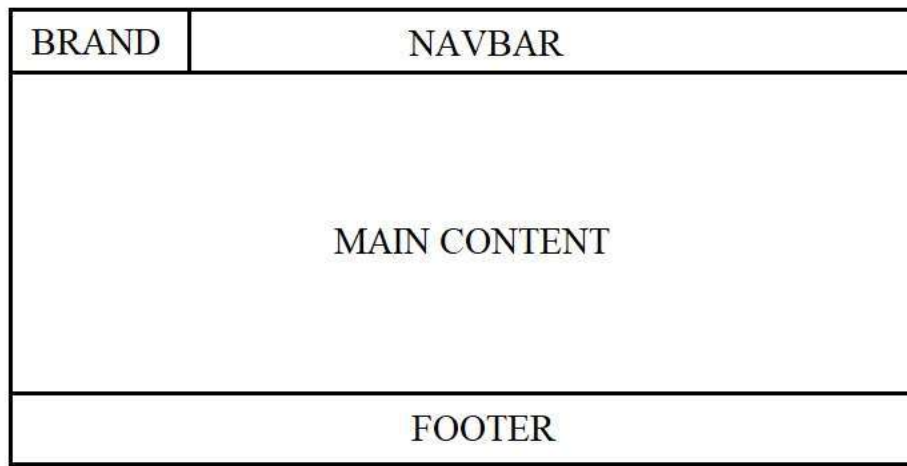
BRAND	NAVBAR
	MAIN CONTENT
	FOOTER

Fig 2.1. Screen Layout

3.2. HTML

Hypertext Markup Language (HTML) is the main markup language for creating web pages and other information that can be displayed in a web browser.

HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent empty elements and so are unpaired, for example <img>. The first tag in a pair is the start tag, and the second tag is the end tag (they are also called opening tags and closing tags). In between these tags web designers can add text, further tags, comments and other types of text-based content.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.

3.3. CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a markup language. It's most common application is to style web pages written in HTML and XHTML, but the language can also be applied to any kind of XML document.

CSS is designed primarily to enable the separation of document content (written in HTML or a similar markup language) from document presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design). CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices.

3.4. PHP

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. PHP is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP. PHP 7 is the latest stable release. A PHP script is executed on the server, and the plain HTML result is sent back to the browser.

Basic PHP Syntax :

A PHP script can be placed anywhere in the document.

A PHP script starts with <?php and ends with ?>:

<?php

    // PHP code goes here

?>

The default file extension for PHP files is ".php".

A PHP file normally contains HTML tags, and some PHP scripting code.

3.5. MySQL

The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation.

MySQL is primarily an RDBMS and ships with no GUI tools to administer MySQL databases or manage data contained within the databases. Users may use the included command line tools, [citation needed] or download MySQL front-ends from various parties that have developed desktop software and web applications to manage MySQL databases, build database structures, and work with data records.

MySQL Cluster is a write-scalable, real-time, ACID-compliant transactional database, designed to deliver 99.999% availability. With a distributed, multi-master architecture and no single point of failure, MySQL Cluster scales horizontally on commodity hardware with auto sharing (partitioning) to serve read and write intensive workloads, accessed via SQL and NoSQL interfaces.

It is available as both open source and commercial editions. The Community (OSS) Edition is available under the free software/open source GNU General Public License (commonly known as the "GPL").

3.6 Requirements Specifications

Software requirements

Minimum software requirements are:

- ➢ Tool   : XAMPP
- ➢ Operating System   : Windows XP/7,8,10
- ➢ Scripting Language   : PHP, Java Script
- ➢ Front End   : HTML, CSS
- ➢ Back End   : MySQL

Hardware requirements

Minimum Hardware requirements are:

- ➢ Processor   : Pentium IV
- ➢ RAM   : 1GB RAM
- ➢ Hard Disk   : 20 GB

3.7 Connectivity

```php
<?php
$dbhost = "localhost";
$dbuser = "root";
$dbpass = "";
$db = "ems";
$conn = new mysqli($dbhost, $dbuser, $dbpass,$db) or die("Connect failed: %s\n". $conn -> error);
?>
```

CHAPTER 4

MAJOR MODULES

After careful analysis the system has been identified to have the following modules:

1) Admin Module

2) Employee Module

4.1. Admin Module

The admin module will be used by the administrator of this portal, admin can add following details. This module is having following functionalities.

➢ **Admin Login**: By using this functionality Administrator can add login into the portal.

➢ **Add Employee**: By using this functionality Administrator can add Employee details.

➢ **View Employee**: By using this functionality Administrator can view details of all employees

➢ **View Salary**: By using this functionality Administrator can view Salary details of all employees

➢ **Assign Project:** By using this functionality Administrator can assign project to any employee

➢ **View Project Status:** By using this functionality Administrator can view project status of any employee

➢ **View Leave Status:** By using this functionality Administrator can accept or reject leave request from any employee

4.2. Employee Module

This module describes everything about Employee, by using this module any Employee can view their profiles. This module consists following functionalities.

➢ **Update Profile:** By using this functionality Employee can update his profile.

➢ **Project Details:** By using this functionality Employee can view all the projects he has submitted and also the ones which are pending.

➢ **Salary Status:** By using this functionality Employee can view his salary status.

➢ **Apply Leave:** By using this functionality Employee can apply leave for a range of dates.

➢ **Leave Status:** By using this functionality Employee can view the status of the leave he has applied.

CHAPTER-5

IMPLEMENTATION

5.1. Create statements

```
CREATE TABLE `alogin`
( `id` int(11) NOT NULL,
  `email` tinytext NOT NULL,
  `password` longtext NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `employee`
( `id` int(11) NOT NULL,
  `firstName` varchar(100) NOT NULL,
  `lastName` varchar(100) NOT NULL,
  `email` varchar(100) NOT NULL,
  `password` text NOT NULL,
  `birthday` date NOT NULL,
  `gender` varchar(10) NOT NULL,
  `contact` varchar(20) NOT NULL,
  `address` varchar(100) DEFAULT NULL,
  `dept` varchar(100) NOT NULL,
  `degree` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `employee_leave`
( `id` int(11) DEFAULT NULL,
  `token` int(11) NOT NULL,
  `start` date DEFAULT NULL,
  `end` date DEFAULT NULL,
  `reason` char(100) DEFAULT NULL,
  `status` char(50) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `project`
( `pid` int(11) NOT NULL,
  `eid` int(11) DEFAULT NULL,
  `pname` varchar(100) DEFAULT NULL,
  `duedate` date DEFAULT NULL,
  `subdate` date DEFAULT '0000-00-00',
  `mark` int(11) NOT NULL,
  `status` varchar(50) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `rank`
( `eid` int(11) NOT NULL,
  `points` int(11) DEFAULT 0

) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
CREATE TABLE `salary`
( `id` int(11) NOT NULL,
  `base` int(11) NOT NULL,
  `bonus` int(11) DEFAULT NULL,
  `total` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

ALTER TABLE `alogin`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `employee`
  ADD PRIMARY KEY (`id`),
  ADD UNIQUE KEY `email` (`email`);

ALTER TABLE `employee_leave`
  ADD PRIMARY KEY (`token`),
  ADD KEY `employee_leave_ibfk_1` (`id`);

ALTER TABLE `project`
  ADD PRIMARY KEY (`pid`),
  ADD KEY `project_ibfk_1` (`eid`);
```

5.2. PHP Code

Index

```
<!DOCTYPE html>
<html>
<head>
<title>Employee Management System</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src=
"https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href=
"https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:wght
@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
```

```
<link rel="stylesheet" href=
"https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
</head>

<body>

<div class ="background">
<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent">
<ul class="navbar-nav ml-auto">
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">Login</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
<a class="dropdown-item" href="alogin.php">Admin Login</a>
<a class="dropdown-item" href="elogin.php">Employee Login</a>
</li>
<li class="nav-item">
<a class="nav-link" href="contact.html">Contact</a>
</li>
</ul>
</div>
</nav>

<div class ="container index">
<h2>Welcome to</h2>
<h1>Employee Management System</h1>
<a href="alogin.php"><button class="btn">Admin</button></a>
<a href="elogin.php"><button class="btn">Employee</button></a>
</div>

<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>

</div>
```

```
</body>
</html>
```

Admin Login

```
<!DOCTYPE html>

<html>
<head>
<title>Admin login</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:
wght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
</head>

<body>

<?php
include 'config.php';
if(isset($_POST['submit']))
{
$email = $_POST['mailuid'];
$password = $_POST['pwd'];
if(mysqli_num_rows(mysqli_query($conn, "SELECT * from `alogin` WHERE email =
'$email' AND password = '$password'")) == 1)
{
header("Location:aloginwel.php");
}
```

```
else
{
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Invalid Email or Password')
window.location.href='javascript:history.go(-1)';
</SCRIPT>");
}
}
?>

<div class ="background">
<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link" href="index.html">Home</a>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" role="button" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false">Login</a>
<div class="dropdown-menu" aria-labelledby="navbarDropdown">
<a class="dropdown-item" href="alogin.php">Admin Login</a>
 <a class="dropdown-item" href="elogin.php">Employee Login</a>
</li>
<li class="nav-item">
<a class="nav-link" href="contact.html">Contact</a>
</li>
</ul>
</div>
</nav>

<div class="container login">
<h3 class = "text-center">Admin Login</h3>
<form method="post" class="tabletext" >
<div class="form-group">
<label>Email</label>
<input type="text" class="form-control" name="mailuid" placeholder="Enter Email
Address" required>
</div>
<div class="form-group">
<label>Password</label>
```

```
<input type="password" class="form-control" name="pwd" placeholder="Enter Password"
required>
</div>
<div class="text-center" >
<button class="btn" name="submit" type="submit">Login</button>
</div>
</form>
</div>

<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>

</div>

</body>
</html>
```

Add Employee

```
<html>
<head>
<title>Add Employee</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:
wght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
```

</head>

<body>

```php
<?php
include 'config.php';
if(isset($_POST['submit']))
{
$firstname = $_POST['firstName'];
$lastName = $_POST['lastName'];
$email = $_POST['email'];
$contact = $_POST['contact'];
$address = $_POST['address'];
$gender = $_POST['gender'];
$dept = $_POST['dept'];
$degree = $_POST['degree'];
$salary = $_POST['salary'];
$birthday =$_POST['birthday'];
$result = mysqli_query($conn, "INSERT INTO `employee`(`id`, `firstName`, `lastName`,
`email`, `password`, `birthday`, `gender`, `contact`, `address`, `dept`, `degree`) VALUES
('','$firstname','$lastName','$email','1234','$birthday','$gender','$contact','$address','$dept','$degree')");
$last_id = $conn->insert_id;
$salaryQ = mysqli_query($conn, "INSERT INTO `salary`(`id`, `base`, `bonus`, `total`)
VALUES ('$last_id','$salary',0,'$salary')");
$rank = mysqli_query($conn, "INSERT INTO `rank`(`eid`) VALUES ('$last_id')");
if(($result) == 1)
{
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Succesfully Registered')
window.location.href='viewemp.php';
</SCRIPT>");
}
else
{
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Failed to Register')
window.location.href='javascript:history.go(-1)';
</SCRIPT>");
}
}
?>
```

<div class ="background">

<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>

```
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link" href="aloginwel.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="alogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>


<div class="container">
<h3 class = "text-center">Add Employee</h3>
<form method="post" class="tabletext">
<div class="form-group">
<label>First Name</label>
<input type="text" class="form-control" placeholder="jon" name="firstName" required>
</div>
<div class="form-group">
<label>Last Name</label>
<input type="text" class="form-control" placeholder="snow" name="lastName">
</div>
<div class="form-group">
<label>Email</label>
<input type="email" class="form-control" placeholder="example@gmail.com"
name="email" required>
</div>
<div class="form-group">
<label>Birthdate</label>
<input type="date" class="form-control" name="birthday" required>
</div>
<div class="rs-select2 js-select-simple select--no-search form-group">
<label>Gender</label>
    <select class="form-control" name="gender">
  <option hidden selected>-Select-</option>
<option value="Male">Male</option>
<option value="Female">Female</option>
<option value="Other">Other</option>
</select>
<div class="select-dropdown"></div>
</div>
<div class="form-group">
```

```
<label>Contact Number</label>
<input class="form-control" type="number" placeholder="1234567890" name="contact"
required>
</div>
<div class="form-group">
<label>Address</label>
<input class="form-control" type="text" placeholder="No 123, Srinagar, Bangalore"
name="address" required>
</div>
<div class="form-group">
<label>Department</label>
<input class="form-control" type="text" placeholder="IT" name="dept"
required="required">
</div>
<div class="form-group">
<label>Degree</label>
<input class="form-control" type="text" placeholder="B.Tech" name="degree"
required="required">
</div>
<div class="form-group">
<label>Salary</label>
<input class="form-control" type="number" placeholder="50000" name="salary">
</div>
<div class="text-center">
<button type="submit" name="submit" class="btn">Submit</button>
</div>
</form>
</div>

<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>

</div>
</body>
</html>
```

Apply Leave

```
<html>
<head>
<title>Apply Leave</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
```

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:
wght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
</head>

<body>

<?php
include 'config.php';
$id = $_GET['id'];
if(isset($_POST['apply']))
{
$reason = $_POST['reason'];
$start = $_POST['start'];
$end = $_POST['end'];
$result = mysqli_query($conn, "INSERT INTO `employee_leave`(`id`,`token`, `start`,
`end`, `reason`, `status`) VALUES ('$id','','$start','$end','$reason','Pending')");
header("Location:leavestatus.php?id=$id");
}
?>

<div class ="background">

<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">

</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">

```
<li class="nav-item">
<a class="nav-link" href="eloginwel.php?id=<?php echo $id?>">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="elogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>

<div class="container">
<h3 class = "text-center">Apply Leave</h3>
<form method="post" class="tabletext">
<div class="form-group">
<label>Reason</label>
<input type="text" class="form-control" name="reason" placeholder="Sick leave"
required>
</div>
<div class="form-group">
<label>Start Date</label>
<input type="date" class="form-control" placeholder="start" name="start" required>
</div>
<div class="form-group">
<label>End Date</label>
<input type="date" class="form-control" placeholder="end" name="end" required>
</div>
<div class="text-center">
<button type="submit" name="apply" class="btn">Apply</button>
</div>
</form>
</div>

<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>

</div>

</body>
</html>
```

Assign Project

```
<html>
<head>
<title>Assign Project</title>
```

```html
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:
wght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
</head>

<body>

<?php
include 'config.php';
if(isset($_POST['assign']))
{
$pname = $_POST['pname'];
$eid = $_POST['eid'];
$subdate = $_POST['duedate'];
$result = mysqli_query($conn, "INSERT INTO `project`(`eid`, `pname`, `duedate` ,
`status`) VALUES ('$eid' , '$pname' , '$subdate' , 'Due')");
if(($result) == 1)
{
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Assigned Succesfully')
window.location.href='aloginwel.php';
</SCRIPT>");
}
else
{
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Failed to Assign')
window.location.href='javascript:history.go(-1)';
```

```
 </SCRIPT>");
}
}
?>

<div class ="background">

<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link" href="aloginwel.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="alogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>

<div class="container">
<h3 class = "text-center">Assign Project</h3>
<form method="post" class="tabletext">
<div class="form-group">
<label>Employee ID</label>
<input type="text" class="form-control" placeholder="6" name="eid" required>
</div>
<div class="form-group">
<label>Project Name</label>
<input type="text" class="form-control" placeholder="Employee Management System"
name="pname" required>
</div>
<div class="form-group">
<label>Due Date</label>
<input type="date" class="form-control" name="duedate" required>
</div>
<div class="text-center">
<button type="submit" name="assign" class="btn">Assign</button>
</div>
</form>
</div>
```

```
<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>


</div>


</body>
</html>
```

Edit Employee

```
<html>
<head>
<title>Edit Employee</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:
wght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
</head>

<body>

<?php
include 'config.php';
if(isset($_POST['update']))
{
$id = mysqli_real_escape_string($conn, $_POST['id']);
```

```php
$firstname = mysqli_real_escape_string($conn, $_POST['firstName']);
$lastname = mysqli_real_escape_string($conn, $_POST['lastName']);
$email = mysqli_real_escape_string($conn, $_POST['email']);
$birthday = mysqli_real_escape_string($conn, $_POST['birthday']);
$contact = mysqli_real_escape_string($conn, $_POST['contact']);
$address = mysqli_real_escape_string($conn, $_POST['address']);
$gender = mysqli_real_escape_string($conn, $_POST['gender']);
$dept = mysqli_real_escape_string($conn, $_POST['dept']);
$degree = mysqli_real_escape_string($conn, $_POST['degree']);
$result = mysqli_query($conn, "UPDATE `employee` SET
`firstName`='$firstname',`lastName`='$lastname',`email`='$email',`birthday`='$birthday',`g
ender`='$gender',`contact`='$contact',`nid`='$nid',`address`='$address',`dept`='$dept',`degr
ee`='$degree' WHERE id=$id");
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Succesfully Updated')
window.location.href='viewemp.php';
</SCRIPT>");
}
$id = $_GET['id'];
$result = mysqli_query($conn, "SELECT * from `employee` WHERE id=$id");
if($result)
{
while($res = mysqli_fetch_assoc($result))
{
$firstname = $res['firstName'];
$lastname = $res['lastName'];
$email = $res['email'];
$contact = $res['contact'];
$address = $res['address'];
$gender = $res['gender'];
$birthday = $res['birthday'];
$dept = $res['dept'];
$degree = $res['degree'];
}
}
?>

<div class ="background">
<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
```

```
<a class="nav-link" href="viewemp.php">Back</a>
</li>
<li class="nav-item">
<a class="nav-link" href="aloginwel.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="alogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>

<div class="container">
<h3 class = "text-center">Edit Employee Details</h3>
<form method="post" class="tabletext">
<div class="form-group">
<label>First Name</label>
<input type="text" class="form-control" placeholder="jon" value="<?php echo
$firstname;?>" name="firstName" required>
</div>
<div class="form-group">
<label>Last Name</label>
<input type="text" class="form-control" placeholder="snow" value="<?php echo
$lastname;?>" name="lastName" required>
</div>
<div class="form-group">
<label>Email</label>
<input type="email" class="form-control" placeholder="example@gmail.com"
value="<?php echo $email;?>" name="email" required>
</div>
<div class="form-group">
<label>Birthdate</label>
<input type="date" class="form-control" value="<?php echo $birthday;?>"
name="birthday" required>
</div>
<div class="rs-select2 js-select-simple select--no-search form-group">
<label>Gender</label>
<select class="form-control" name="gender">
<option selected hidden><?php echo $gender;?></option>
<option value="Male">Male</option>
<option value="Female">Female</option>
<option value="Other">Other</option>
</select>
<div class="select-dropdown"></div>
</div>
<div class="form-group">
<label>Contact Number</label>
```

```
<input class="form-control" type="number" placeholder="1234567890" value="<?php
echo $contact;?>" name="contact" required>
</div>
<div class="form-group">
<label>Address</label>
<input class="form-control" type="text" placeholder="No 123, Srinagar, Bangalore"
value="<?php echo $address;?>" name="address" required>
</div>
<div class="form-group">
<label>Department</label>
<input class="form-control" type="text" placeholder="IT" value="<?php echo $dept;?>"
name="dept" required="required">
</div>
<div class="form-group">
<label>Degree</label>
<input class="form-control" type="text" placeholder="B.Tech" value="<?php echo
$degree;?>"name="degree" required="required">
</div>
<div class="form-group">
<label>Salary</label>
<input class="form-control" type="number" placeholder="50000" name="salary">
</div>
<div class="text-center">
<button type="submit" name="update" class="btn">Submit</button>
</div>
</form>
</div>


<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>


</div>


</body>
</html>
```

Update Profile

```
<html>
<head>
<title>Profile Update</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
```

```
<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:w
ght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/form.css">
</head>

<body>

<?php

include 'config.php';
$id = $_GET['id'];
if(isset($_POST['update']))
{
$email = mysqli_real_escape_string($conn, $_POST['email']);
$contact = mysqli_real_escape_string($conn, $_POST['contact']);
$address = mysqli_real_escape_string($conn, $_POST['address']);
$result = mysqli_query($conn, "UPDATE `employee` SET
`email`='$email',`contact`='$contact',`address`='$address' WHERE id=$id");
echo ("<SCRIPT LANGUAGE='JavaScript'>
window.alert('Succesfully Updated')
window.location.href='profile.php?id=$id  ';
</SCRIPT>");
}
$result = mysqli_query($conn, "SELECT * from `employee` WHERE id=$id");
if($result)
{
while($res = mysqli_fetch_assoc($result))
{
$email = $res['email'];
$contact = $res['contact'];
$address = $res['address'];
}
```

```
}
?>

<div class ="background">

<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link" href="profile.php?id=<?php echo $id?>">Back</a>
</li>
<li class="nav-item">
<a class="nav-link" href="eloginwel.php?id=<?php echo $id?>">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="elogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>


<div class="container">
<h3 class = "text-center">Profile Update</h3>
<form method="post" class="tabletext">
<div class="form-group">
<label>Email</label>
<input type="email" class="form-control" name="email" value="<?php echo $email;?>"
required>
</div>
<div class="form-group">
<label>Contact</label>
<input type="number" class="form-control" name="contact" value="<?php echo
$contact;?>" required>
</div>
<div class="form-group">
<label>Address</label>
<input type="text" class="form-control" name="address" value="<?php echo $address;?>"
required>
</div>
<div class="text-center">
<button type="submit" name="update" class="btn">Update</button>
</div>
```

```
</form>

<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>

</div>

</div>
</body>
</html>
```

Salary Status

```
<html>
<head>
<title>Salary Status</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:w
ght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/table.css">
</head>

<body>

<?php
$id = $_GET['id'];
```
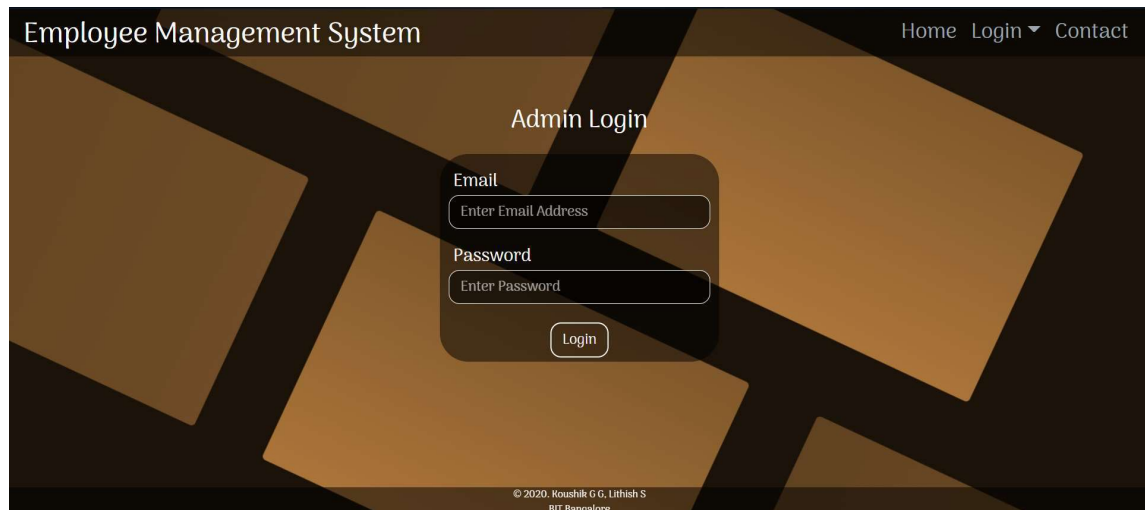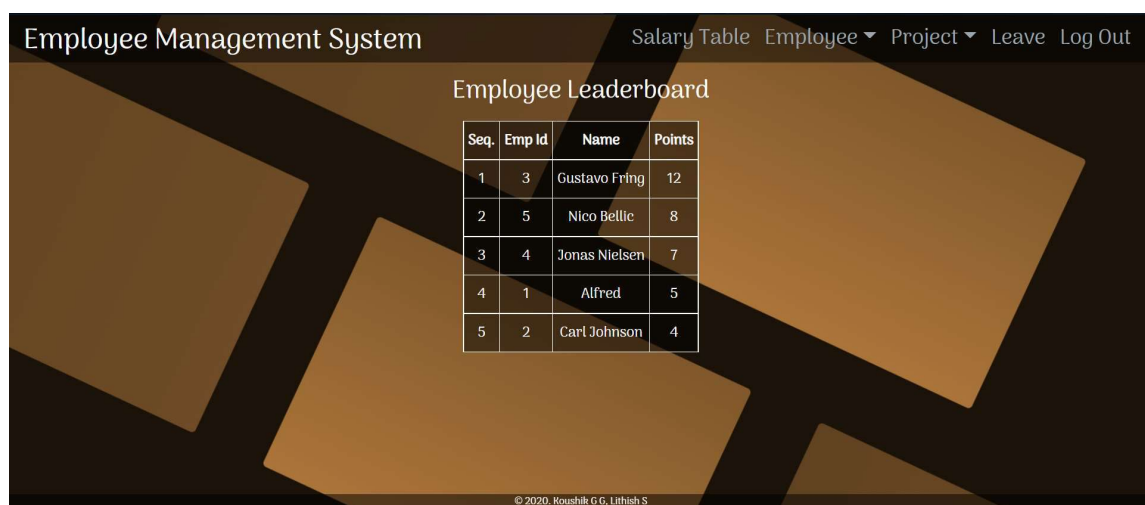
```
include 'config.php';
?>

<div class ="background">

<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link" href="eloginwel.php?id=<?php echo $id?>">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="elogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>

<div class="container">
<h3 class = "text-center">Salary Status</h3>
<div class="table-responsive">
<table class="table table-sm table-condensed">
<tbody align=center>
<tr>
<th scope="col" class="text-center py-2">Base Salary</th>
<th scope="col" class="text-center py-2">Bonus</th>
<th scope="col" class="text-center py-2">Total Salary</th>
</tr>
<?php
$result = mysqli_query($conn, "SELECT * FROM `salary` WHERE id = $id");
while ($employee = mysqli_fetch_assoc($result))
{
?>
<tr>
<td class="py-2"><?php echo $employee['base']; ?></td>
<td class="py-2"><?php echo $employee['bonus']."%"; ?></td>
<td class="py-2"><?php echo $employee['total']; ?></td>
</tr>
<?php
}
?>
</tbody>
```

```
</table>
</div>
</div>

<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>

</div>

</body>
</html>
```

Viewemp

```
<html>
<head>
<title>View Employees</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">

<!-- JavaScript Libraries -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- Google Fonts -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=Abril+Fatface&family=Arima+Madurai:w
ght@200;400&family=Poiret+One&display=swap" rel="stylesheet">

<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<!-- CSS -->
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/table.css">
</head>

<body>

<div class ="background">
```

```
<nav class="navbar navbar-expand-sm sticky-top navbar-dark">
<p class="navbar-brand">Employee Management System</p>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarSupportedContent" >
<ul class="navbar-nav ml-auto">
<li class="nav-item">
<a class="nav-link" href="aloginwel.php">Home</a>
</li>
<li class="nav-item">
<a class="nav-link" href="alogin.php">Log Out</a>
</li>
</ul>
</div>
</nav>


<div class="container">
<h3 class = "text-center">Employee Details</h3>
<div class="table-responsive">
<table class="table table-sm table-condensed">
<tbody align=center>
<tr>
<th scope="col" class="text-center py-2">Emp. ID</th>
<th scope="col" class="text-center py-2">Name</th>
<th scope="col" class="text-center py-2">Email</th>
<th scope="col" class="text-center py-2">Birthday</th>
<th scope="col" class="text-center py-2">Gender</th>
<th scope="col" class="text-center py-2">Contact</th>
<th scope="col" class="text-center py-2">Address</th>
<th scope="col" class="text-center py-2">Department</th>
<th scope="col" class="text-center py-2">Degree</th>
<th scope="col" class="text-center py-2">Point</th>
<th scope="col" class="text-center py-2">Options</th>
</tr>
<?php
include 'config.php';
$result = mysqli_query($conn, "SELECT * from `employee` , `rank` WHERE employee.id
= rank.eid");
while ($employee = mysqli_fetch_assoc($result))
{
?>
<tr>
<td class="py-2"><?php echo $employee['id']; ?></td>
<td class="py-2"><?php echo $employee['firstName']." ".$employee['lastName']; ?></td>
```
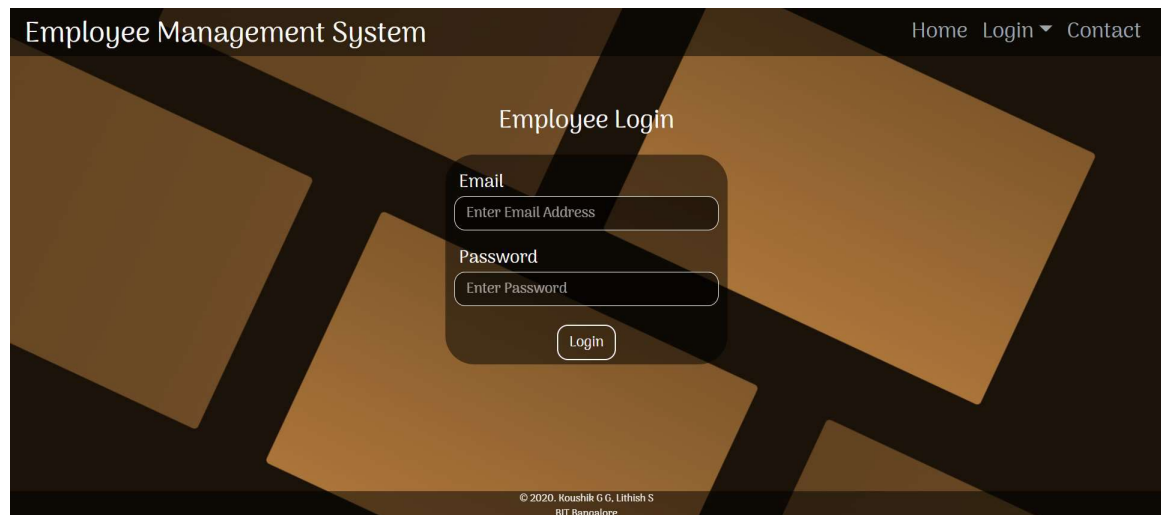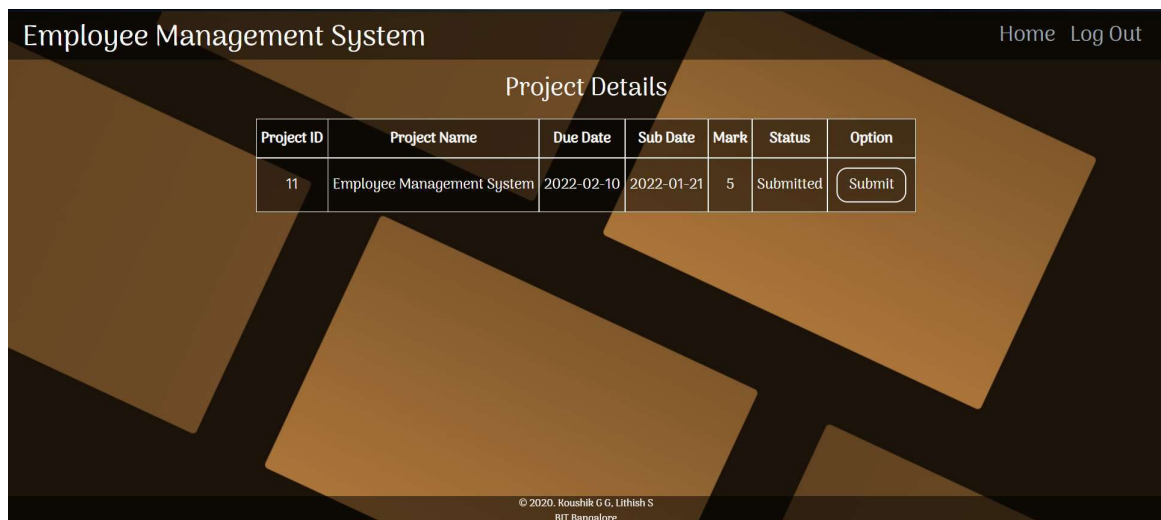
```
<td class="py-2"><?php echo $employee['email']; ?></td>
<td class="py-2"><?php echo $employee['birthday']; ?> </td>
<td class="py-2"><?php echo $employee['gender']; ?></td>
<td class="py-2"><?php echo $employee['contact']; ?> </td>
<td class="py-2"><?php echo $employee['address']; ?> </td>
<td class="py-2"><?php echo $employee['dept']; ?></td>
<td class="py-2"><?php echo $employee['degree']; ?> </td>
<td class="py-2"><?php echo $employee['points']; ?> </td>
<td><a href="editemp.php?id= <?php echo $employee['id'] ;?>"> <button type="button"
class="btn">Edit</button></a><br>
<a href="process\delete.php?id= <?php echo $employee['id'] ;?>"> <button type="button"
class="btn" onClick="return confirm('Are you sure you want to
delete?')">Delete</button></a></td>
</tr>
<?php
}
?>
</tbody>
</table>
</div>
</div>


<footer class="text-center fixed-bottom mt-5">
<div>
<p>&copy 2020. Koushik G G, Lithish S<br> BIT Bangalore </p>
</div>
</footer>


</div>


</body>
</html>
```

CHAPTER-6

SNAPSHOTS

6.1. Screenshots

Fig.3.1 Home Page

Fig.3.2. Admin Login

Fig.3.3. Employee Leaderboard

Fig.3.4. View Salary Details

Fig.3.5. Add Employee

Fig.3.6. View Employees

Fig.3.7. Assign Project

Fig.3.8. Project Status

Fig.3.9. Leave Status

Fig.3.10. Employee Login

Fig.3.11. Project Details

Fig.3.12. Salary Status

Fig.3.13. Apply Leave

Fig.3.14. Leave Status

6.2. Test Cases

MODULE	GIVEN INPUT	EXPECTED OUTPUT	ACTUAL OUTPUT	REMARK
Admin Login	Enter valid username and password	Logged in Successfully	Logged in Successfully	Tested OK
Admin	Added employee Details	Details accepted and inserted into database	Inserted successfully	Tested OK
Admin	View Employee Details	Viewed employee Details from Database	Viewed successfully	Tested OK
Admin	View Salary Details	Viewed salary details from Database	Viewed successfully	Tested OK
Admin	Assign Project	Inserted project details into database	Inserted successfully	Tested OK
Admin	View Project Status	Viewed project status from Database	Viewed successfully	Tested OK
Employee Login	Invalid username and password	Login Failure	Login Failure	Tested OK
Employee Login	Valid username and password	Login Success	Login Success	Tested OK
Employee	View Profile	Viewed profile from Database	Viewed successfully	Tested OK
Employee	Update Profile	Inserted profile into database	Inserted successfully	Tested OK
Employee	View Project Details	Viewed project details from Database	Viewed successfully	Tested OK
Employee	View Salary Details	Viewed salary details from Database	Viewed successfully	Tested OK
Employee	Apply Leave	Inserted leave into database	Inserted successfully	Tested OK
Employee	View Leave Status	Viewed leave details from Database	Viewed successfully	Tested OK

CHAPTER-7

APPLICATIONS

Employee management system is a distributed application, developed to maintain the details of employees working in any organization. The EMS has been developed to override the problems prevailing in the practicing manual system. It maintains the information about the personal and official details of the employees.

This project aims to simplify the task of maintaining records of the employees of a company. To develop a well-designed database to store employee information. The objective of this project is to provide a comprehensive approach towards the management of employee information. Helps in maintaining the computerized employee details.

CHAPTER-8

CONCLUSION

The Employee Management System was successfully designed, implemented, tested and deployed. The Employee Management System was found to provide satisfactory performance when working with reasonable size databases. It was able to efficiently store, retrieve data from database tables stored on disk files as and when requested. The Employee Management System front-end application was able to suitably format and display the retrieved database information to the user in a comprehensive manner.