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ATTENDANCE APPROVAL SYSTEM

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INTRODUCTION

ABSTRACT:

This project proposes the development of an Attendance Approval System designed to streamline and enhance the attendance tracking process within an organization of the company. The system aims to improve efficiency and accuracy while ensuring proper HR verification.The core functionality of the system revolves around real-time attendance monitoring. Employees' presence will be tracked through biometric ensuring the reliability of attendance data. When an employee is present, the system will provide an option for them to confirm their attendance. Once an employee confirms attendance, the system will automatically generate an approval request, which will be sent to the HR department. HR personnel will review and verify the attendance data to ensure its accuracy. This verification step is crucial for preventing attendance fraud and maintaining data integrity.By implementing this Attendance Approval System, organizations can improve their attendance tracking processes, reduce administrative overhead, and ensure the integrity of attendance data through HR verification, ultimately leading to more efficient and reliable workforce management.

INTRODUCTION

1.1 OBJECTIVES:

The objective for the project appears to be enhancing an existing attendance system. The goal is to implement a verification step where HR personnel can review and approve attendance records for individuals who are marked as present in the system. This additional verification process aims to ensure accuracy and reliability in attendance tracking.

1.1.2 GOALS AND OBJECTIVE:

The goal of this project is to enhance and streamline the existing attendance system by implementing an automated approval process. This process will allow employees to mark their attendance, and upon their approval, HR personnel will verify and confirm the attendance records.

1. **Approval Workflow**: Implement an approval workflow where employees can submit their attendance, and an approval request is sent to designated HR personnel for verification.

2. **HR Verification**: Enable HR personnel to review and verify attendance records submitted by employees, ensuring accuracy and compliance with company policies.

3. **Real-time Updates**: Provide real-time updates to employees regarding the status of their attendance submissions, whether they are pending approval, approved, or rejected.

4. **Reporting**: Generate comprehensive attendance reports for HR and management, offering insights into attendance trends, patterns, and potential issues.

5. **Efficiency**: Improve the efficiency of the attendance tracking process, reducing the administrative burden on HR and minimizing errors associated with manual data entry.

6. **Accessibility**: Ensure that the attendance system is easily accessible to all employees, possibly through a user-friendly mobile app or web interface.

7. **Security**: Implement robust security measures to protect attendance data, ensuring that it remains confidential and tamper-proof.

8. **Training**: Provide training and support to employees and HR personnel to effectively use the new attendance system.

9. **Scalability**: Design the system to accommodate future growth and changes in attendance tracking requirements as the company expands.

By achieving these objectives, the project aims to create a more efficient, accurate, and transparent attendance tracking process within the organization.

1.2 PROJECT DESCRIPTION:

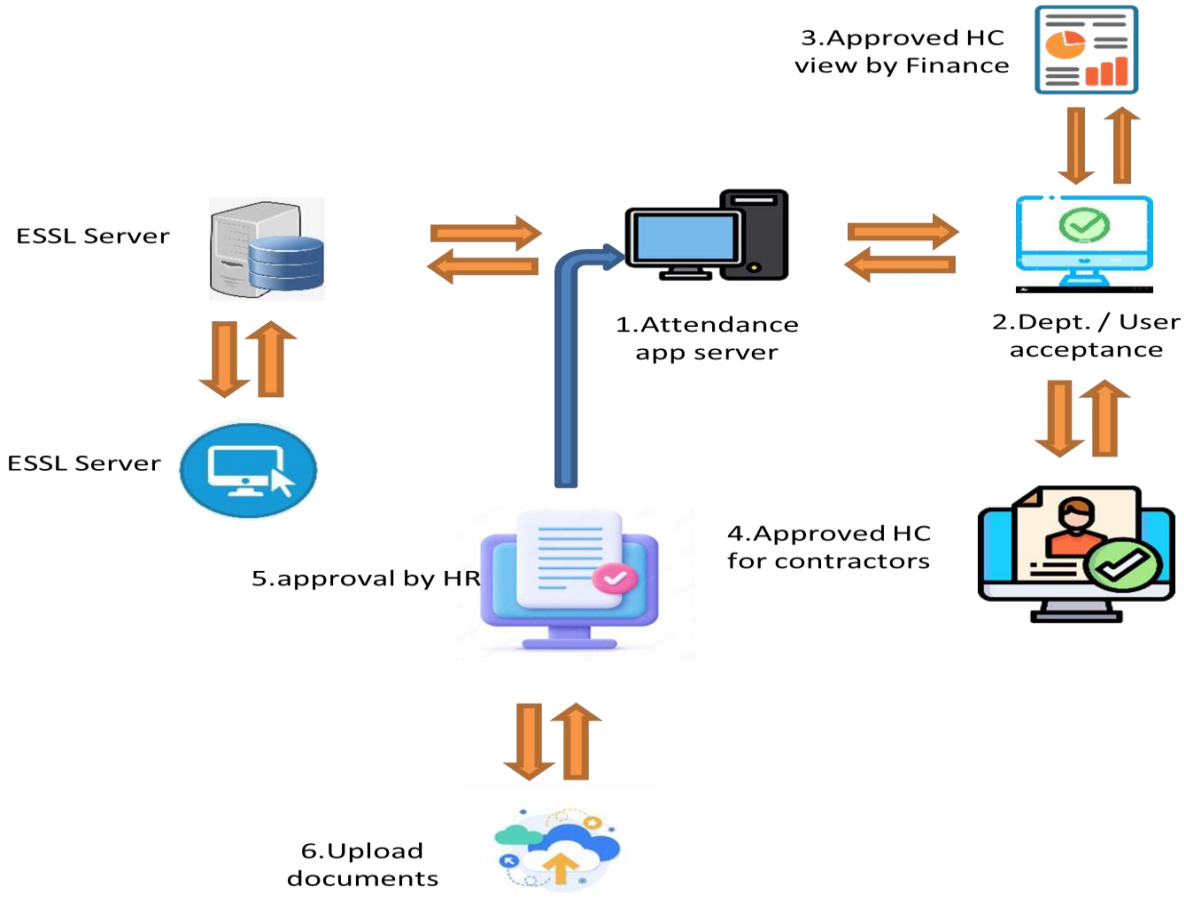
This project aims to enhance and streamline the existing attendance system within our organization of the company. Currently, employees mark their attendance, and if they are present, an approval process is initiated. In this improved system, we plan to integrate advanced verification processes. When an employee marks their attendance as "present," the system will not only register this but will also trigger an automatic verification process. The HR department will then have the responsibility to verify the attendance, ensuring accuracy and preventing any potential errors. This upgraded system will not only simplify the attendance tracking process but also provide an additional layer of validation to enhance data integrity.

By implementing this enhanced attendance system, we aim to reduce human errors, improve data accuracy, and streamline the HR verification process. This project will result in a more efficient and reliable attendance tracking system, benefiting both employees and the HR department.

SYSTEM STUDY

2.1 PROPOSED SYSTEM

ESSL Server will have a real time attendance and employee data. ESSL employee app will allow employees to apply on duty, leave, manual entry etc.Attendance app server will hold the data retrieved from ESSL server + further transactions.Department users will view and approve the attendance for their team / view reports.Approved headcount will be viewed by finance.Approved headcount/attendance will be viewed by respective contractors.Uploaded documents reviewed and approved by HR .



2.2 FEASIBILITY STUDY:

Economic Feasibility: This involves evaluating the financial aspects of the project. It includes estimating the costs associated with development, implementation, and maintenance of the attendance system, as well as projecting the potential benefits and return on investment (ROI).

Legal and Regulatory Feasibility: This involves examining if the proposed system complies with relevant laws, regulations, and industry standards. It ensures that data privacy, security, and other legal requirements are met.

Operational Feasibility:Analyze how the new attendance system will integrate into the current workflow and processes.Assess if employees have the necessary skills or training to use the system effectively.Evaluate any potential disruptions or challenges during the implementation phase.

Risk Assessment:Identify potential risks and uncertainties associated with the project.Develop strategies to mitigate or manage these risks.

Scalability and Future Expansion:Evaluate if the chosen attendance system can accommodate future growth or changes in organizational needs.Consider how easily the system can be upgraded or expanded if necessary.

2.3 TOOLS AND TECHNOLOGIES USED:

FRONTEND TECHNOLOGIES (HTML, CSS, Bootstrap, JavaScript):

1**. HTML** (Hypertext Markup Language):

In an Attendance Management System (AMS), HTML is primarily used for creating the user interface (UI) or front-end of the system. Here are some key uses of HTML in an AMS are UI Structure,Forms,Tables,Dropdowns and Selection lists,Buttons,Links,Data Presentation,Validation Messages, Responsive Design and User interaction.

2**. CSS** (Cascading Style Sheets):

In an Attendance Management System, Cascading Style Sheets (CSS) are used for various purposes related to the user interface and presentation of the system. Here are some common uses of CSS in an Attendance Management System are Styling User Interface,Responsive Design,Custom Branding,Layout Control, Form Styling,Animation and Transitions,Accessibility,Error and Feedback Messages,and Print Styles.

3**. JAVASCRIPT**:

JavaScript can be used in an Attendance Management System to enhance its functionality and interactivity. Here are some common uses of JavaScript in such a system are User Interface Enhancements,Form Validation,Real-time Updates,Date and Time Handling,User Interactivity,AJAX (Asynchronous JavaScript and XML) Requests,Client-Side Data Validation,Notifications and Alerts,and Session Management.

BACKEND TECHNOLOGIES:

PHP (Server-Side Scripting):

In an Attendance Management System, PHP (Hypertext Preprocessor) is typically used on the server-side to handle various aspects of the system. Here are some common uses of PHP in an Attendance Management System are User Authentication,User Management,Attendance Recording,Attendance Reports,Data Validation Integration with the Database,Email Notifications,Role-Based Access Control,APIs and Integration,Logging and Error Handling,and Security.

Overall, PHP serves as the backbone of the server-side logic in an Attendance Management System, facilitating data processing, user authentication, and the management of attendance records while ensuring the system's security and reliability.

DATABASE:

SQL :

In an Attendance Management System, SQL (Structured Query Language) and a database system are used for several critical purposes are Data Storage,Data Retrieval,Data Manipulation,DataReporting,Security,Integration,Scalability,Data Integrity,Backup and Recover, and Audit Trails

Overall, SQL databases play a crucial role in the reliability, efficiency, and functionality of an Attendance Management System by providing a structured and secure means of storing and managing attendance data. They enable data retrieval, reporting, and manipulation, making it easier to track and analyze attendance information for educational institutions, businesses, or any organization that needs to monitor attendance.

2.4 HARDWARE AND SOFTWARE REQUIREMENTS:

HARDWARE REQUIREMENTS:

Operating System: SQL Server can run on various Windows operating systems, and there are also versions for Linux. Check the specific version's documentation for compatibility details.

Processor: Minimum: 1.4 GHz 64-bit processor. Recommended: 2.0 GHz or faster, multi-core processor.

RAM: Minimum: 1 GB. Recommended: At least 4 GB or more for better performance.

Hard Disk Space: Minimum: 6 GB of free space. Additional space required for databases.

Network: A network adapter is required for network access.

SOFTWARE REQUIREMENTS:

- XAMPP
- SQL Server

SYSTEM ANALYSIS AND DESIGN

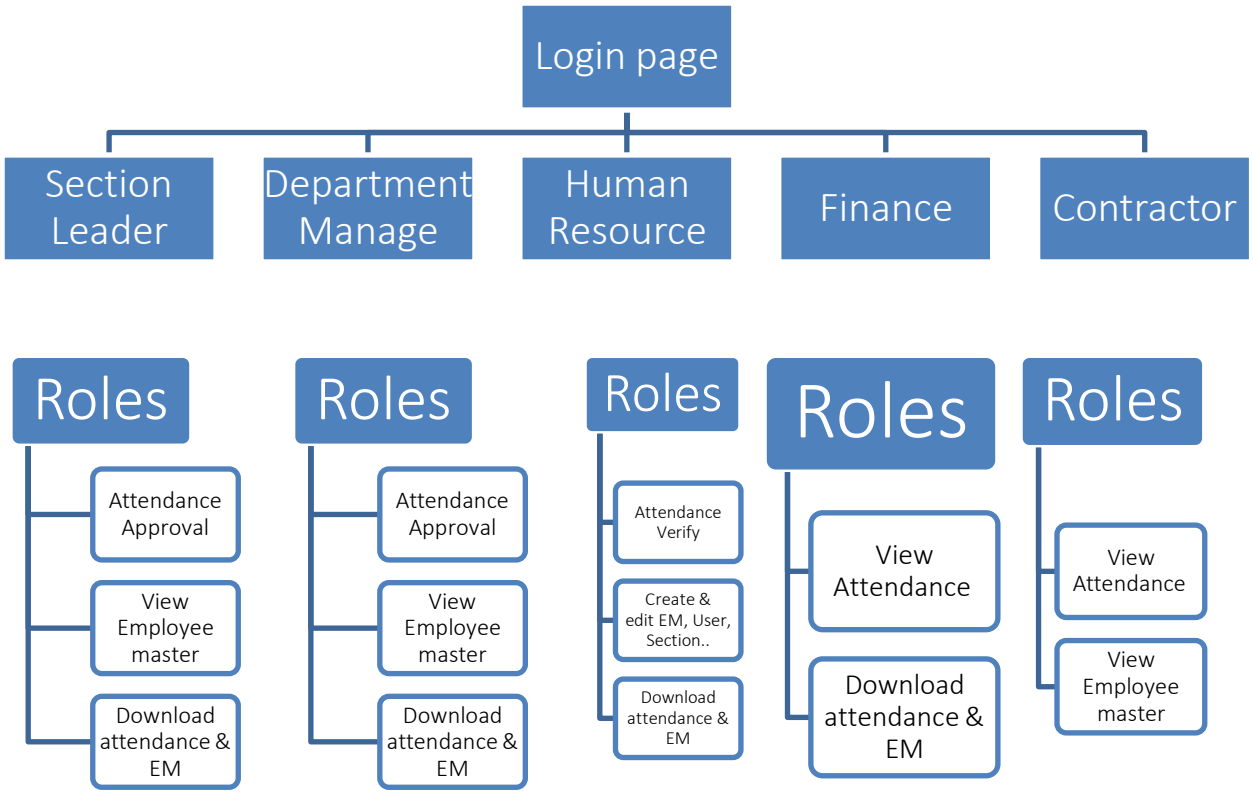
3.1 SYSTEM PERSPECTIVE:

Input:

Existing attendance system (essl) containing employee attendance records. That employee attendance data is approve in our system.

Output:

It verifiy the attendance of employee by HR.



4.IMPLEMENTATION

config.php

```
<?php



$serverName = "localhost";

$database = "Attendance_System";

$username = "sa";

$password = "123456";


try{

$conn = new PDO("sqlsrv:Server=$serverName;Database=$database", $username, $password);

   $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

        if (!$conn){echo "connection faild";}

        }

catch(PDOException $e){

   echo $e->getMessage();

}

?>
```

Index.php

```
<?php

    session_start();

?>
<!DOCTYPE html>
<html lang="en">
<head>

    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <link rel="stylesheet" type="text/css" href="css/style1.css">
    <link rel="stylesheet" type="text/css" href="css/error.css">

</head>

<body>

    <header>
```

```
  <div class="logo">
 </div>
   </header>
<div class="wrapper">
      <div class="form-box login">
          <h2>Login</h2>
          <form name="form1" id='form' method="post" action="<?php echo htmlspecialchars('authentication.php'); ?>">
              <?php
                  if (isset($_SESSION['error'])) {
                     echo " <div class='alert alert-danger alert-dismissible text-center'>
   ".$_SESSION['error']."<div class='close'>&times;</div>
                     </div>";
                     unset($_SESSION['error']);
                  }
                  elseif (isset($_SESSION["username"])) {
                     header("location: logout.php");
                  }
                  elseif (isset($_SESSION['user_id'])) {
                      header("location: logout.php");
                    }
```

```
            ?>
            <div class="input-box">
               <input type="text" id="username" name="username" class="form-control" id="username"required>
               <label>Username</label>
            </div>

            <div class="input-box">
               <input type="password" id="password" name="password" class="form-control" required>
               <label>Password</label>
            </div>
<!--              <div class="forgot">
               <a href="#">Forgot Password?</a>
            </div> -->
            <button type="submit" name="submit" class="btn">Login</button>
         </form>

      </div>
   </div>
  <script type="text/javascript">
```

```
document.addEventListener("DOMContentLoaded", function() {
  var closeButtons = document.querySelectorAll(".alert.alert-dismissible .close");
  for (var i = 0; i < closeButtons.length; i++) {
    closeButtons[i].addEventListener("click", function() {
      var alertDiv = this.parentElement;
      alertDiv.style.display = "none";
    });
  }
});
    </script>
</body>

</html>
```

authentication.php

```
<?php

 session_start();
?>
<?php
```

```
include_once "config.php";
  try{
     if (isset($_POST["submit"])){
        if ($_POST["username"]=="" OR $_POST["password"]==""){
           echo '<script type="text/javascript">alert1("Enter all Detail");</script>';


        }
        else{



           $username=$_POST["username"];
           $password=$_POST["password"];


           if (is_numeric($username)) {
           $login = $conn->prepare("SELECT * FROM [User] WHERE user_id =
? OR  username = ?");
           $login->execute([$username,$username]);
           $alldata = $login->fetchAll(PDO::FETCH_ASSOC);


           $rowCount = count($alldata);
           $data=$alldata[0];
                        }
```

```
    else{
            $login = $conn->prepare("SELECT * FROM [User] WHERE username = ?");
            $login->execute([$username]);
            $alldata = $login->fetchAll(PDO::FETCH_ASSOC);
$rowCount = count($alldata);
            $data=$alldata[0];
            }
 if ($rowCount>0 && ($data['user_id']===$username || $data['username']===$username )) {
                if (password_verify($password,$data["password"])){
  $login_type=$data["login_id"];
                    $dep_id=dep_login($data["user_id"]);
                    $sec_id=sec_login($data["user_id"]);
                    switch ($login_type) {
                       case 1:
                          if($dep_id){
                             $_SESSION["user_id"]=$data["user_id"];
                             $_SESSION["username"]=$data["username"];
                             $_SESSION["dep_id"]=$dep_id;
                             $_SESSION['start'] = time();
                             $_SESSION['expire'] = $_SESSION['start'] + (60 * 60); //session work for 60 minute
```

```
                    header("location: department/dashboard.php");
                    break;
                }
                elseif ($sec_id) {
                    $_SESSION["username"]=$data["username"];
                    $_SESSION["user_id"]=$data["user_id"];
                    // $_SESSION["sec_id"]=$sec_id['Section_id'];
                    // $_SESSION["dep_id"]=$sec_id['department_id'];
                    $_SESSION['start'] = time();
                    $_SESSION['expire'] = $_SESSION['start'] + (60 * 60);
//session work for 60 minute
                     header("location: section/dashboard.php");
                    break;
                }
                else{
                    $_SESSION["username"]=$data["username"];
                    $_SESSION["user_id"]=$data["user_id"];
                    // $_SESSION["sec_id"]=$sec_id['Section_id'];
                    // $_SESSION["dep_id"]=$sec_id['department_id'];
                    $_SESSION['start'] = time();
                    $_SESSION['expire'] = $_SESSION['start'] + (60 * 60);
//session work for 60 minute
```

```
    header("location: section/dashboard.php");
                        break;
                    } case 2:
                    $_SESSION["financer"]=$data["username"];
                    $_SESSION["user_id"]=$data["user_id"];
                    $_SESSION['start'] = time();
                    $_SESSION['expire'] = $_SESSION['start'] + (60 * 60);
//session work for 60 minute
                    header("location: finance/dashboard.php");
                    break;  case 3:
                    $_SESSION["contractor"]=$data["username"];
                    $_SESSION["user_id"]=$data["user_id"];
                    $_SESSION['start'] = time();
                    $_SESSION['expire'] = $_SESSION['start'] + (60 * 60);
//session work for 60 minute
                    header("location: contractor/dashboard.php");
                    break;  case 4:
                    $_SESSION["admin"]=$data["username"];
                    $_SESSION["user_id"]=$data["user_id"];
                    $_SESSION['start'] = time();
                    $_SESSION['expire'] = $_SESSION['start'] + (60 * 60);
//session work for 60 minute
                    header("location: hr/dashboard.php");
```

```
break;
                    default :
                        $_SESSION['error'] = "User can not mapped with role!!";
                        header("Location: index.php");
                    }
                }
                else{
                    $_SESSION['error'] = "Invalid password";
                    header("Location: index.php");          }
            }
            else{
                $_SESSION['error'] = "Invalid username";
                header("Location: index.php");
            }

        }
    }
}
catch(PDOException $e){
    $_SESSION['error']=$e->getMessage();
     header("Location: index.php");
```

```
}
function dep_login($user_id){
        global $conn;
        $fetch_query = "SELECT department_id FROM [Department] WHERE user_id = ?";
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        $sql = $conn->prepare($fetch_query);
        $sql->execute([$user_id]);
        $row_count=$sql->rowCount();
        if ($row_count==0){
           return 0;
        }
        else{
           $r = $sql->setFetchMode(PDO::FETCH_ASSOC);
           $dep_id=$sql->fetchAll();
           return $dep_id[0]['department_id'] ;
        }
      }
function sec_login($user_id){
        global $conn;
```

```
   $fetch_query = "SELECT Section_id, department_id FROM [Section] WHERE user_id = ?";

        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

        $sql = $conn->prepare($fetch_query);

        $sql->execute([$user_id]);

        $row_count = $sql->rowCount();


        if ($row_count==0){

           return 0;

        }

        else{

           $r = $sql->setFetchMode(PDO::FETCH_ASSOC);

           $sec_id=$sql->fetchAll();


           return $sec_id[0];

        }

}

$con= null;

?>
```

Logout.php

```
<?php
        session_start();


        session_unset();
        session_destroy();


        header("location: index.php");
?>
```

Data.php

```
        function display_department(){
           global $conn;
           $fetch_query = "SELECT d.*, u.username
                        FROM [Department] d
                        LEFT JOIN [User] u ON u.user_id = d.user_id";
           $sql = $conn->prepare($fetch_query);
           $sql->execute();
           $departments = $sql->fetchAll(PDO::FETCH_ASSOC);


           return $departments;
        }
```

```
function display_section(){
        global $conn;
        $fetch_query = "SELECT s.Section_id, s.Section_name, u.username AS section_leader, u.user_id AS leader_id, d.department_name, d.department_id, d.user_id AS department_username_id, uu.username AS department_manager
                FROM [Section] s
                LEFT JOIN [Department] d ON d.department_id = s.department_id
                LEFT JOIN [User] u ON u.user_id = s.user_id
                LEFT JOIN [User] uu ON uu.user_id = d.user_id";
        $sql = $conn->prepare($fetch_query);
        $sql->execute();
        $sections = $sql->fetchAll(PDO::FETCH_ASSOC);

        return $sections;
    }
    function display_section_WF(){
        global $conn;
        $fetch_query = "SELECT l.location_name,dv.division_name,l.location_id,dv.division_id,s.Section_id, s.Section_name, u.username AS section_leader, u.user_id AS leader_id, d.department_name, d.department_id, d.user_id AS department_username_id, uu.username AS department_manager
```

```
   FROM [Location] l
                    FULL OUTER JOIN [Division] dv ON dv.location_id = l.location_id
                    FULL OUTER JOIN [Department] d on d.division_id = dv.division_id
                    FULL OUTER JOIN [Section] s on s.department_id = d.department_id
                    LEFT JOIN [User] u ON u.user_id = s.user_id
                    LEFT JOIN [User] uu ON uu.user_id = d.user_id";
        $sql = $conn->prepare($fetch_query);
        $sql->execute();
        $sections = $sql->fetchAll(PDO::FETCH_ASSOC);

        return $sections;
    }

    function checking_query($id) {
        global $conn;
        $placeholders = implode(',', array_fill(0, count($id), '?'));

        $approve_query = "UPDATE Attendance SET a_status = ?, verified_by = ?, verified_at = ? WHERE id IN ($placeholders)";
```

```
        $params = array('Verified', $_SESSION['admin'], date('Y-m-d H:i:s'));

        foreach ($id as $value) {
            $params[] = $value;
        }

        $update = $conn->prepare($approve_query);
        try {
            $i = 1;
            foreach ($params as $param) {
                $update->bindValue($i++, $param);
            }
            $update->execute();
        } catch (PDOException $e) {
            $_SESSION['error'] = "Error updating data: " . $e->getMessage();
        }
    }
```

Attendance.php

```
<form method="post" action="<?php echo htmlspecialchars('data.php'); ?>">
    <div class="ribbon">
```

```
<span id="rowCount" class="card"></span>
        <span id="a_rowCount" class="card"></span>
        <span id="v_rowCount" class="card"></span>



        <input type="date" id="datePicker" name="date" class="date">
   <div class="multipleSelection">
          <div class="selectBox" onclick="showCheckDepartment()" >
            <select id="mySelectDepartment">
              <option>Department</option>
            </select>
            <div class="overSelect"></div>
          </div>
          <div id="checkDepartment" class="m_select">
            <label>
              <input type="checkbox" onclick="Select_All_Department(this)">
              Select all
            </label>
            <?php foreach ($departments as $department): ?>
              <label>
```

```
 <input type="checkbox" value="<?php echo($department['department_name']); ?>" onclick="showSectionByDepartment()" id="<?php echo($department['department_id']); ?>" class='department'>

            <?php echo($department['department_name']); ?>

          </label>

          <?php endforeach; ?>

        </div>

      </div>

      <div class="multipleSelection">

        <div class="selectBox" onclick="showCheckSection()" >

          <select id="mySelectSection">

            <option>Section</option>

          </select>

          <div class="overSelect"></div>

        </div>

      <div id="checkSection" class="m_select">

          <label>

            <input type="checkbox" onclick="Select_All_Section(this)">

            Select all

          </label>

          <?php foreach ($sections as $section): ?>

            <label>
```

```
 <input type="checkbox" value="<?php echo($section['Section_name']); ?>" id="<?php echo($section['Section_id']); ?>" class='section'>
            <?php echo($section['Section_name']); ?>
          </label>
        <?php endforeach; ?>

      </div>
    </div>
    <div class="multipleSelection">
      <div class="selectBox" onclick="showCheckShift()">
        <select id="mySelectShift">
          <option>Shift</option>
        </select>
        <div class="overSelect"></div>
      </div>

      <div id="checkShift" class="m_select">
        <label >
          <input type="checkbox" onclick="Select_All_Shift(this)">
          Select all
        </label>
        <label>
```

```
<input type="checkbox" value="G" id="5" class="shift">
          Shift G
         </label>

         <label>
          <input type="checkbox" value="A" id="12" class="shift">
          Shift A
         </label>
         <label >
          <input type="checkbox" value="B" id="13" class="shift">
          Shift B
         </label>
         <label>
          <input type="checkbox" value="C" id="14" class="shift">
          Shift C
         </label>
        </div>
      </div>
      <button name="Verify">Verify</button>
      <button id="exportButton" >Download</button>
   </div>
```

```
<div class="outer-wrapper">
  <div class="table-wrapper">
    <table id="myTable">
          <thead>
            <tr>
              <th><input type="checkbox" class="select_all_items" id="select-all-checkbox"> Employee Id</th>
              <th>Name</th>
              <th>Contractor</th>
              <th>Category</th>
              <th>Department</th>
              <th>Section</th>
              <th>Shift</th>
              <th>Attendance</th>
              <th>Status</th>
              <th>In time</th>
              <th>Out time</th>
              <th>Remarks</th>
              <th>Approved By</th>
              <th>Verified By</th>
            </tr>
          </thead>
```

```
<tbody id="tableData">



            </tbody>
          </table>
        </div>
    </div>
    </form>
    </div>
```

Employee.php

```
     <table id="myTable">
<thead>
              <tr>
                <th>Employee Id</th>
                <th>Name</th>
                <th>Location
                  <select id="location-filter">
                    <option value="">Select All</option>
                  </select>
                </th>
                <th>Division
```

```
<select id="Division-filter">
              <option value="">Select All</option>
             </select>
             </th>
             <th>Department
             <select id="Department-filter">
               <option value="">Select All</option>
             </select>
             </th>
             <th>Section
             <select id="Section-filter">
              <option value="">Select All</option>
             </select>
            </th>
             <th>Contractor
            <select id="contractor-filter">
               <option value="">Select All</option>
             </select>
             </th>
             <th>Designation
             <select id="Designation-filter">
```

```
<option value="">Select All</option>
            </select>
            </th>
            <th>Employee Type
            <select id="Employee-filter">
              <option value="">Select All</option>
            </select>
            </th>
            <th>Attendance Flag
            <select id="attendance-filter">
             <option value="">Select All</option>
            </select>
            </th>
            <th>Status
            <select id="Isworking-filter">
              <option value="">Select All</option>
            </select>
            </th>
            <th>Gender
            <select id="Gender-filter">
              <option value="">Select All</option>
            </select>
```

```
</th>
            <th>Father Name</th>
            <th>Mother Name</th>
            <th>E-mail</th>
            <th>Salary</th>
            <th>Category</th>
            <th>DOJ</th>
            <th>DOR</th>
            <th>Blood Group</th>
            <th>Address</th>
            <th>Action</th>
          </tr>
        </thead>
        <tbody id="tableData">
          <?php foreach ($EMs as $EM): ?>
           <tr>
             <td><?php echo($EM['EmployeeCode']); ?></td>
             <td><?php echo($EM['employee_name']); ?></td>
             <td><?php echo($EM['location_name']); ?></td>
             <td><?php echo($EM['division_name']); ?></td>
             <td><?php echo($EM['department_name']); ?></td>
             <td><?php echo($EM['Section_name']); ?></td>
```

<td><?php echo($EM['Contractor_name']); ?></td>

<td><?php echo($EM['Designation']); ?></td>

<td><?php echo($EM['Employee_type']); ?></td>

<td><?php echo($EM['a_flag']); ?></td>

<td><?php echo($EM['is_working']); ?></td>

<td><?php echo($EM['Gender']); ?></td>

<td><?php echo($EM['Father_name']); ?></td>

<td><?php echo($EM['Mother_name']); ?></td>

<td><?php echo($EM['email']); ?></td>

<td><?php echo($EM['salary']); ?></td>

<td><?php echo($EM['Category']); ?></td>

<td><?php echo($EM['DOJ']); ?></td>

<td><?php echo($EM['DOR']); ?></td>

<td><?php echo($EM['Blood_group']); ?></td>

<td><?php echo($EM['Address']); ?></td>

<td>

<button onclick="openEdit('<?php echo($EM['EmployeeCode']); ?>', '<?php echo($EM['employee_name']); ?>', '<?php echo($EM['Contractor_id']); ?>', '<?php echo($EM['department_id']); ?>', '<?php echo($EM['Section_id']); ?>', '<?php echo($EM['a_flag']); ?>', '<?php echo($EM['location_id']); ?>', '<?php echo($EM['division_id']); ?>')" class="btn edit">Edit</button>

<button onclick="openDelete('<?php echo($EM['EmployeeCode']); ?>', '<?php echo($EM['employee_name']); ?>')" class="btn delete">Delete</button>

</td>

</tr>

<?php endforeach; ?>

</tbody>

</table>

Download.php

//////////////// table head //////////

```
const tableHead = document.querySelector('thead');
tableHead.innerHTML = '';
// Remove current table header
while (tableHead.firstChild) {
  tableHead.removeChild(tableHead.firstChild);
}
// Loop through each day in the date range and create a new table header cell for each day
let currentDate = new Date(from_date);
const id_th = document.createElement('th');
const name_th = document.createElement('th');
```

```
  const dep_name = document.createElement('th');
  const sec_name= document.createElement('th');
  id_th.textContent = 'Employee ID';
  name_th.textContent = 'Employee Name';
  dep_name.textContent = 'Department Name';
  sec_name.textContent = 'Section Name';
  tableHead.appendChild(id_th);
  tableHead.appendChild(name_th);
  tableHead.appendChild(dep_name);
  tableHead.appendChild(sec_name);
  const monthNames = [
    "jan", "feb", "mar", "apr", "may", "jun",
    "jul", "aug", "sep", "oct", "nov", "dec"
  ];
 while (currentDate <= new Date(to_date)) {
    const th = document.createElement('th');
    const month = monthNames[currentDate.getMonth()];
    const day = currentDate.getDate();
    th.textContent = `${day} ${month}`;
    tableHead.appendChild(th);
    currentDate.setDate(currentDate.getDate() + 1);
  }
```

```
 ////////////          table   body /////////

fetch(`download_data.php?from_date=${from_date}&to_date=${to_date}&sec_id
=${sec_id}&dep_id=${dep_id}`)
      .then(response => response.json())
      .then(data => {
        // clear previous table data
        const tableDataElement = document.getElementById('tableData');
        tableDataElement.innerHTML = '';
        const rowCountElement = document.getElementById('rowCount');
        rowCountElement.textContent = '';
        // add new table rows
        let rowCount = 0;
        // document.write(secId)
        // get array of dates between from_date and to_date
        const fromDate = new Date(from_date);
        const toDate = new Date(to_date);
        const dates = [];
        for (let date = fromDate; date <= toDate; date.setDate(date.getDate() + 1)) {
          dates.push(new Date(date));
        }
    data.forEach(row => {
```

```
  const tableRow = document.createElement('tr');


  tableRow.innerHTML = `
    <td>${row.employee_id}</td>
    <td>${row.employee_name}</td>
    <td>${row.department_name}</td>
    <td>${row.section_name}</td>
    ${dates.map(date => `<td>${row[date.toISOString().slice(0, 10)] || "}</td>`).join('')}
  `;



        tableDataElement.appendChild(tableRow);
        rowCount++;
       });



          rowCountElement.textContent="Total Employee : "+rowCount;


        });
```

Session.php

```
<?php


   session_start();
        if (isset($_SESSION['admin'])){


                $now = time();


       if($now > $_SESSION['expire']) {
          header("Location: ./../logout.php");
       }
         }
         else {
                header("location: ./../index.php");
         }
?>
```

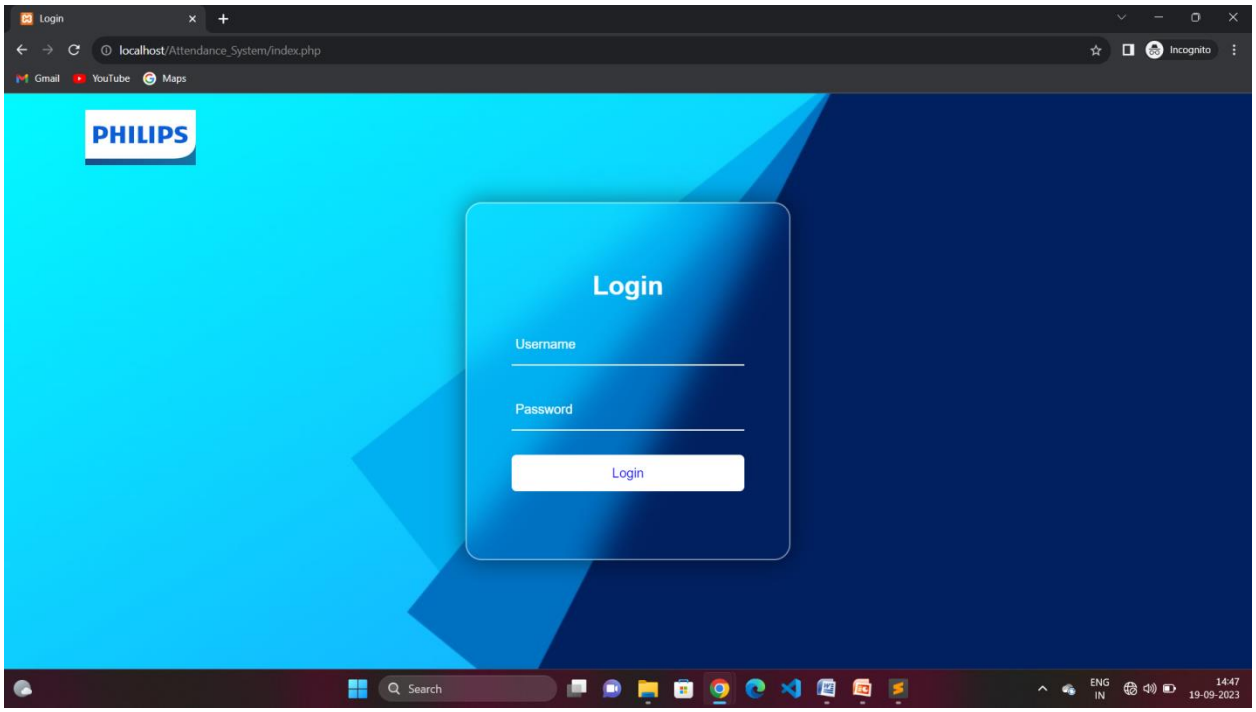
Header.php

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8">
```

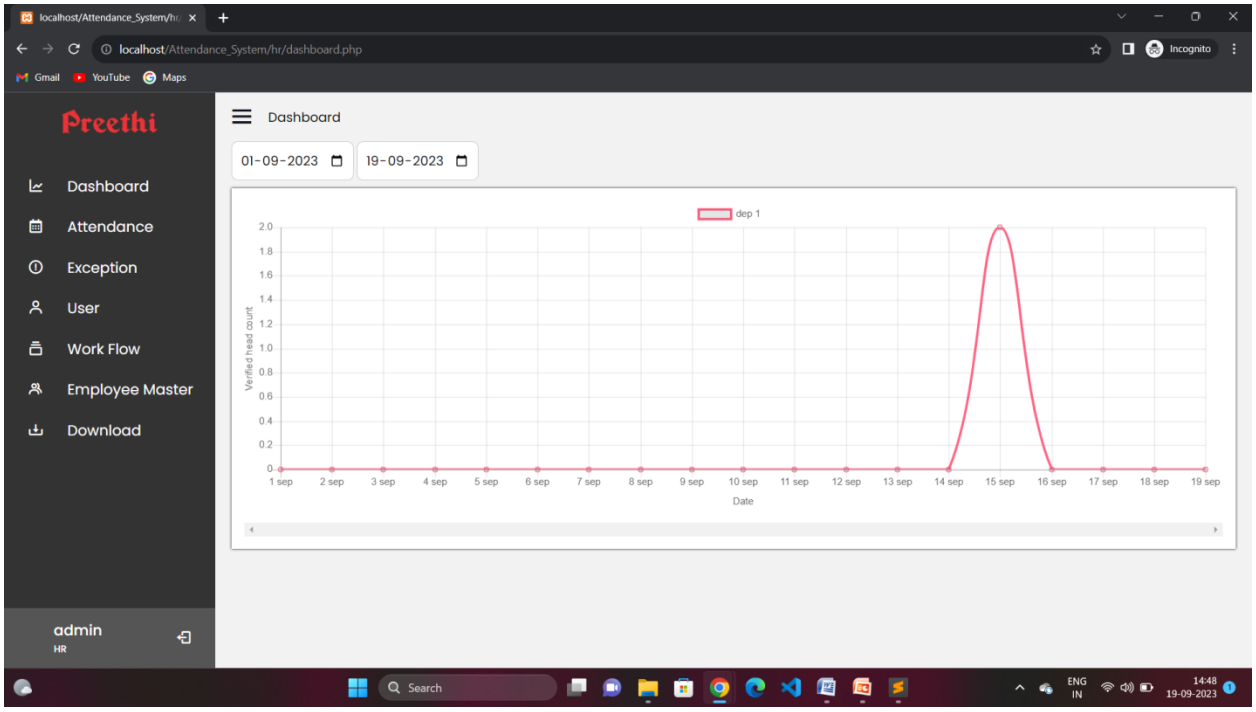
```
    <link href='https://unpkg.com/boxicons@2.0.7/css/boxicons.min.css' rel='stylesheet'>


    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="./../css/side_nav.css">
    <link rel="stylesheet" type="text/css" href="./../css/table.css">
    <link rel="stylesheet" type="text/css" href="./../css/error.css">
    <link rel="stylesheet" type="text/css" href="./../css/ribbon.css">
    <link rel="stylesheet" type="text/css" href="./../css/pop_up.css">


  </head>
```

Output

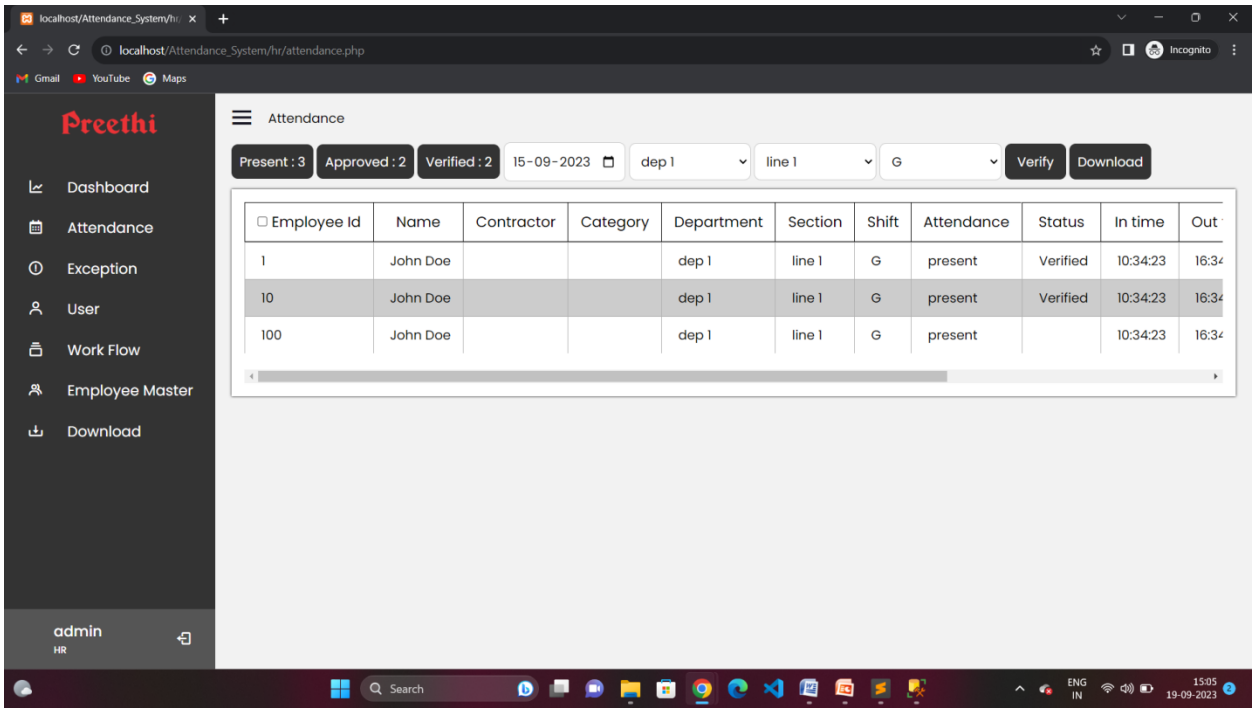
Login page:



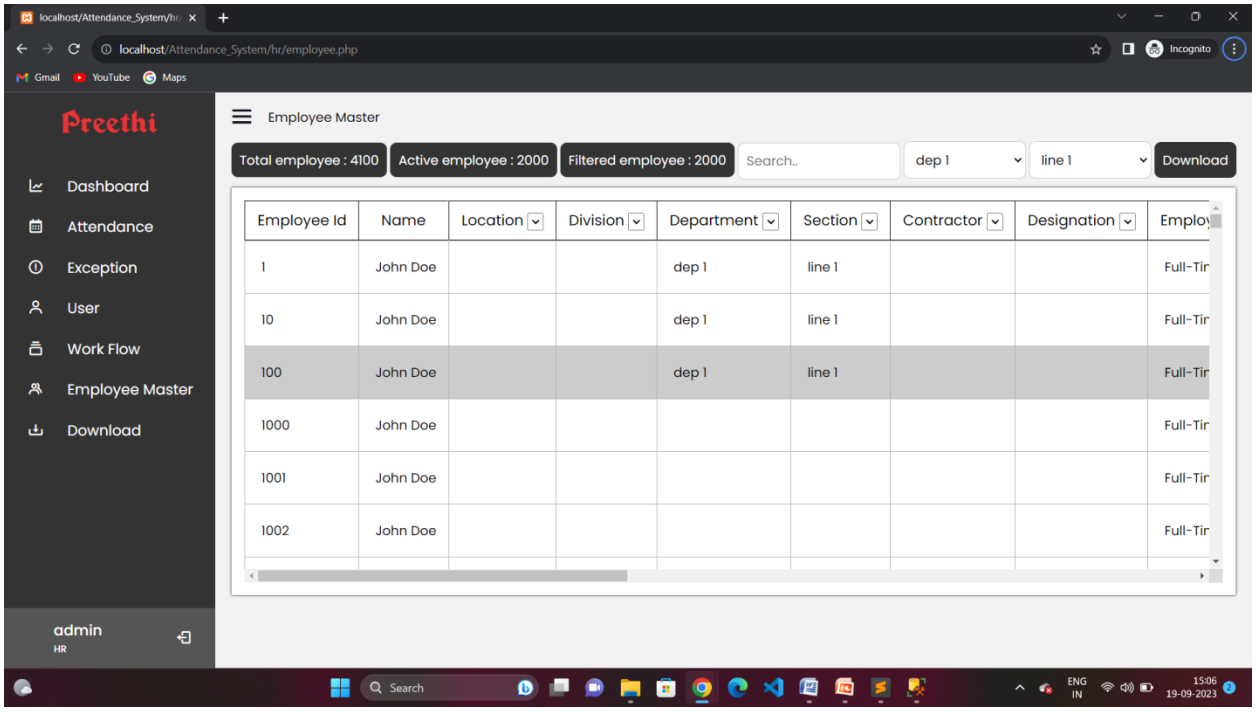
Dashboard page:



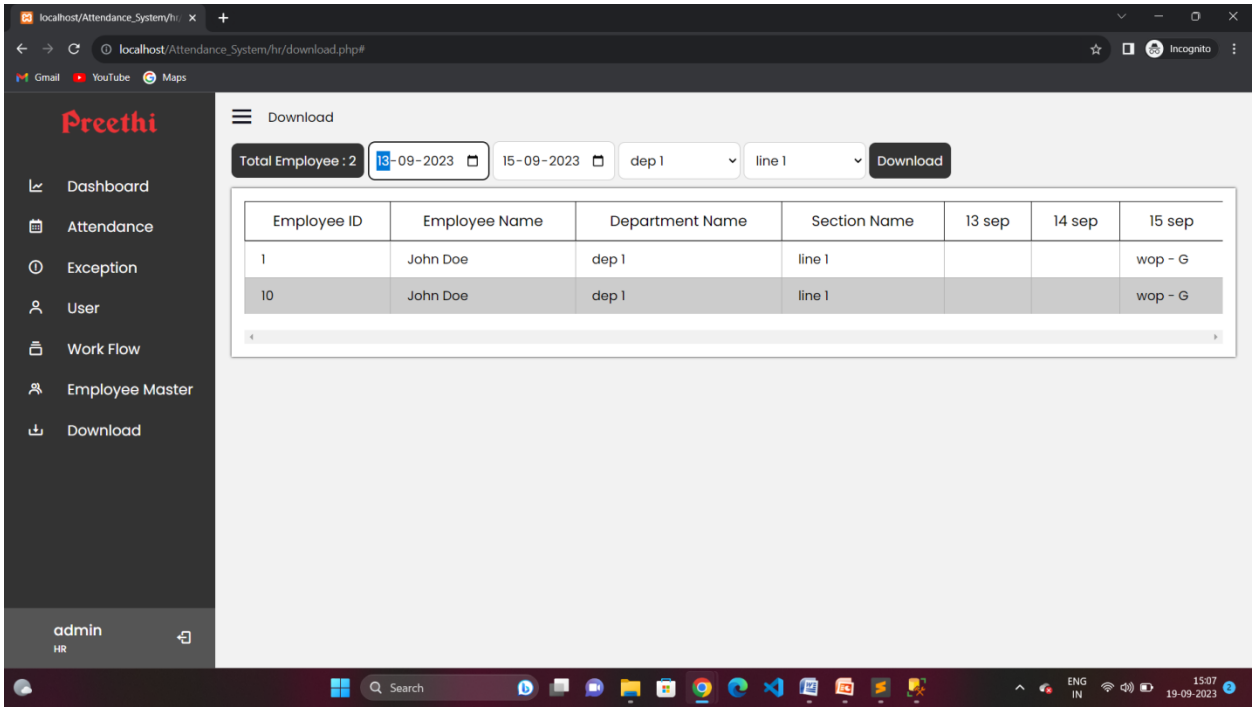
Attendance page:



Employee master page:



Download page:



Conclusion:

In conclusion, this system verifiy the attendance of employee based on the essl database data by section leader, Department manager and HR. the project objectives were achieved.