“WEB-BASED PAYROLL SYSTEM WITH ATTENDANCE MONITORING FOR OCHADO MILK TEA SHOP ALAPAN 1C HARVEST MARKET BUCANDALA BRANCH”

A Project Proposal Presented to

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In Partial Fulfillment of the Requirements for the

Degree of Bachelor of Science in Information Technology

BSIT 3-C

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1.0 Introduction

The proponents created this Web-based Payroll System with Attendance Monitoring for Ochado Milktea Shop Alapan 1C Harvest Market Bucandala Branch aims to develop a system that could offer the required database for all payroll records and the anticipated storage requirements of the system. Second, it also entails the quick, precise, and simple computation of all current employee salaries for the anticipated client. This is done to improve the system's usability, security, and objectivity toward any outside factors. Lastly, a system that can generate reports of all payroll transactions needs to be developed.

The proponents aimed to help the Milktea Shop of Ochado Bucandala Branch in Alapan 1C Harvest Market to get the accurate working hours, to monitor the time in and time out of each employee and an automatic calculation of their respective wages or salaries.

1.1 Background of the Study

Ochado is from the two Japanese words, OCHA and CHADO, which mean “Tea” and “Japanese way”, this tea concept prides itself in brewing the best quality tea with the most natural and freshest ingredients which sets it apart from other bubble tea concept and it started in Singapore in 2010 where the “Japanese way” of brewing tea has been popular and loved by many tea-lovers.

The Payroll System and Attendance Monitoring of the Ochado Alapan 1C Harvest Market Bucandala Branch is one of the shops that still process attendance records and salary computation manually and is at times inaccurate whenever it comes in computation of payroll and time in and time out. As well, the company's employees using mechanical time clock to record dates and times on their time cards, the officer in charge evaluated the wages of each employee on the time of work in and out each and every day. Spreadsheets are difficult to use and time-consuming to create the payroll slip and time recording that the Officer in Charge need to encode every employee's attendance. Therefore, the Ochado Milk Tea Shop Alapan 1C Harvest Market Bucandala Branch Payroll System and Attendance Monitoring needs improvement.

According to Vinod Kumar Shukla & Nisha Bhandari (2019) To manage payroll management of any organization is an arduous task. It is always a challenge for a manager to complete this with 100% perfection. These are the kind of work which needs utmost attention with complete accuracy. The Salary is the biggest motivation for any employee in the organization to work. Salary increments, allowances, promotion, bonus, all revolve around employee salary. Since employees end up filling too many forms and documents at the end of the year, so it’s very time-consuming.

Also, the data that is collected is not as useful as it is not real time. Eventually, due to this entire arduous and time-consuming task were undertaken by the employees and HR, the productivity of the organization dwindles to a certain extent.

By this proposed system, a web-based online attendance monitoring and payroll processing system for employees. The proposed system will help get the accurate working hours, to monitor the time in and time out of each employee and an automatic calculation of their respective wages or salaries.

We chose Ochado Bucandala Branch 1C as our study subject because they still track employee attendance and pay by hand. Typically, a manual payroll and attendance system necessitates a lot of paperwork. Additionally, manual processes place a burden on administrative tasks on the HR team and the business. Payroll systems are used by business owners to pay employees for their labor as an accounting or financial function. Depending on the knowledge and experience of the business owner, payroll systems may be internal or external. Payroll software is essential in order to streamline tasks like registering, monitoring payments, and updating employee information related to payroll. One advantage of using payroll software is that it has a much lower total life-cycle cost and effectively manages time, work efficiency, and organization size.

1.2 Statement of the Objectives

1.2.1 General Objectives

To help the Ochado Bucandala Branch to have an efficient and effective way of monitoring their employee's time/attendance and payroll system to give a higher quality of service.

1.2.2 Specific Objectives

- Develop a system that will improve the Ochado Bucandala Branch process in the Attendance Monitoring and Payroll;
- Develop a system that will monitor employee's data that is efficient to use;
- Secure the records of employees and to have more manageable files;
- Calculate an accurate salary or wages of employees.

1.3 Significance of the Study

This study improved the current payroll and attendance monitoring processes of the Ochado Milk Tea Shop. The new system would automate and streamline these processes, potentially resulting in increased efficiency and accuracy, and ultimately, cost savings for the business. Additionally, the study may also highlight how the system can provide managers with real-time access to attendance and payroll data, allowing them to make more informed decisions and improve overall operations.

1.4 Scope and Limitation of the Study

This system focuses on the Payroll and Time in & Time out of the Ochado Milk Tea Shop Alapan Branch 1C Harvest Market Employees and other personnel, which help them be more convenient and help the Branch make the significant improvement they need. The proponents developed payroll system and attendance monitoring to help the Ochado Bucandala branch to give them a higher quality service.

The employee's salary will not be sent through Automated Teller Machine (ATMs) or any online cash application, neither cheque, for the reason that the company

insisted that salaries must be on a cash basis. No other currencies are computed in the system but Philippine Peso only. The proposed system can only be accessed online and it focuses only on the employees' Payroll and Attendance Monitoring of Ochado Alapan 1C Harvest Market Bucandala Branch. This proposed system is only applicable and can only be used by the management of Ochado Alapan 1C Harvest Market Bucandala Branch.

2.0 Methodology of the Study

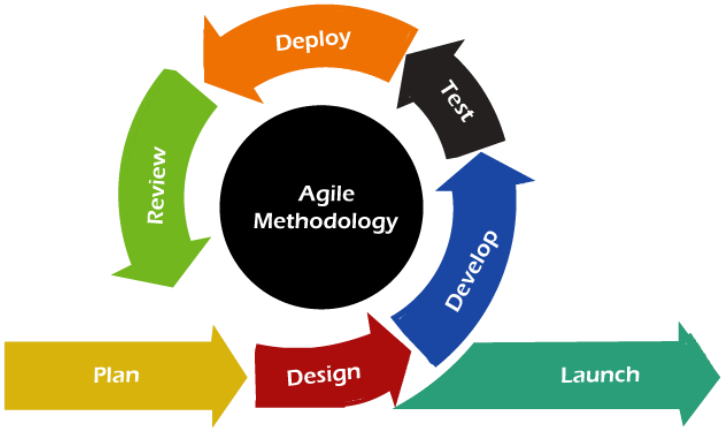


Figure 1. Agile Methodology

- Planning Phase

  In creating the system, the proponents the first phase of System Development Life Cycle's Agile Model. The proponents gather information through interviews to the Ochado Bucandala Branch OIC and found out that the Ochado Bucandala Branch is one of the shops that still process attendance records and salary computation manually and is at times inaccurate whenever it comes in computation of payroll and time in and time out.

- Design Phase

In the second phase of System Development Life Cycle's Agile Model, the proponents used HTML & CSS, Bootstrap and PHP as the programming language and XAMPP as the database in building the system.

- Develop Phase

In the third phase of System Development Life Cycle's Agile Model, the proponents will build the web-based payroll with attendance monitoring system for Ochado Bucandala Branch.

- Test Phase

In the fourth phase of System Development Life Cycle's Agile Model, the proponents will test the built system before giving it to the client to ensure the quality of the system.

- Deploy Phase

In the fifth phase of System Development Life Cycle's Agile Model, the proponents will deploy the built system to the client.

- Review Phase

In the last phase of System Development Life Cycle's Agile Model, the proponents will review or inspect the outcome of the built system and collect feedback from all the end users.

3.0 Data Gathering Procedures and Output

The proponents intend to build a Web-based Payroll System with Attendance Monitoring for Ochado Bucandala Branch. The proponents also aim to make the system user friendly, get the accurate working hours, to monitor the time in and time out of each employee and an automatic calculation of their respective wages or salaries. To achieve the goal of implementing the system, the proponents need to collect data that will be used to develop the system.

There are various methods that can be utilized in the data collection process. Interviewing is one of the most widely used techniques. The proponents have chosen this approach, even though it may be time-consuming, as it guarantees that the data collected from the respondents is accurate. This technique has enabled the proponents to obtain sufficient information and insights on how to develop the system.

To collect the necessary data to build the system, the proponents employed the following methodology: conducting interviews to gather information that will be beneficial in creating the system, such as details on how payroll is processed, the range of salaries, schedules of employees, salary calculations and other related information. Additionally, the proponents also employed internet research to find programming syntax.

4.0 The Existing System

4.1 Company Background

Ochado is a well-known international milk tea brand that has established a presence in the Philippines. It originated in Singapore in 2010, where it quickly gained popularity among tea enthusiasts for its unique approach of brewing tea using natural and fresh ingredients, setting it apart from other similar concepts. The name Ochado is derived from the Japanese words for "tea" and "Japanese way." The brand has since expanded to other countries and in the Philippines, one of the franchises is located at Imus Bucandala Alapan 1C Harvest Market. The company is dedicated to becoming a staple for tea lovers in the region and aims to provide a comfortable and inviting atmosphere for customers to relax and socialize with friends or read a book while enjoying their high-quality tea and snacks. Ochado continues to innovate and improve its products and services to meet the growing demand for high-quality and excellent service. However, Bucandala Ochado Branch is one of the shops that still process attendance records and salary computation manually and is at times inaccurate whenever it comes in computation of payroll and time in and time out.

4.2 Description of the System

The manual payroll calculation that is currently used by Ochado Milk Tea Shop Alapan 1C Harvest Market Bucandala Branch involves the process of calculating payroll by hand. The person-in-charge must manually compute all the wages and necessary deductions when using manual calculations. However, this method may put the OIC at risk of making errors if he or she is not diligent.

This payroll system can assist in simplifying time-consuming tasks like

processing direct deposits, generating payroll reports and calculating tax withholdings. It will be much faster to complete these tasks. Also, it eliminates the risk of human errors that might occur from manual data entry for payroll calculations. The payroll software calculates figures such as deductions and overtime pay with the highest level of precision.

4.3 Data Flow Diagram

Context

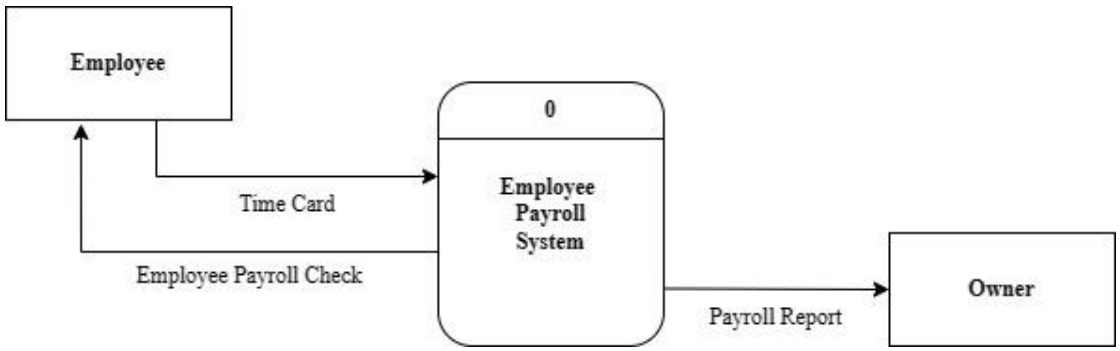
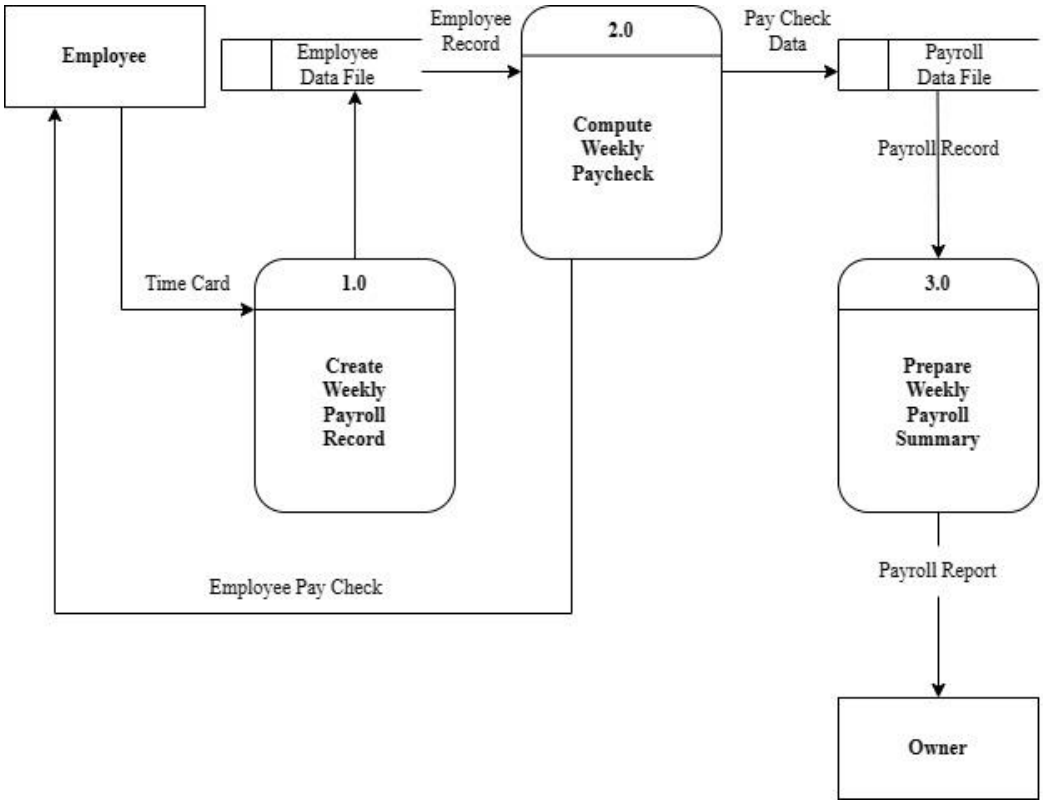
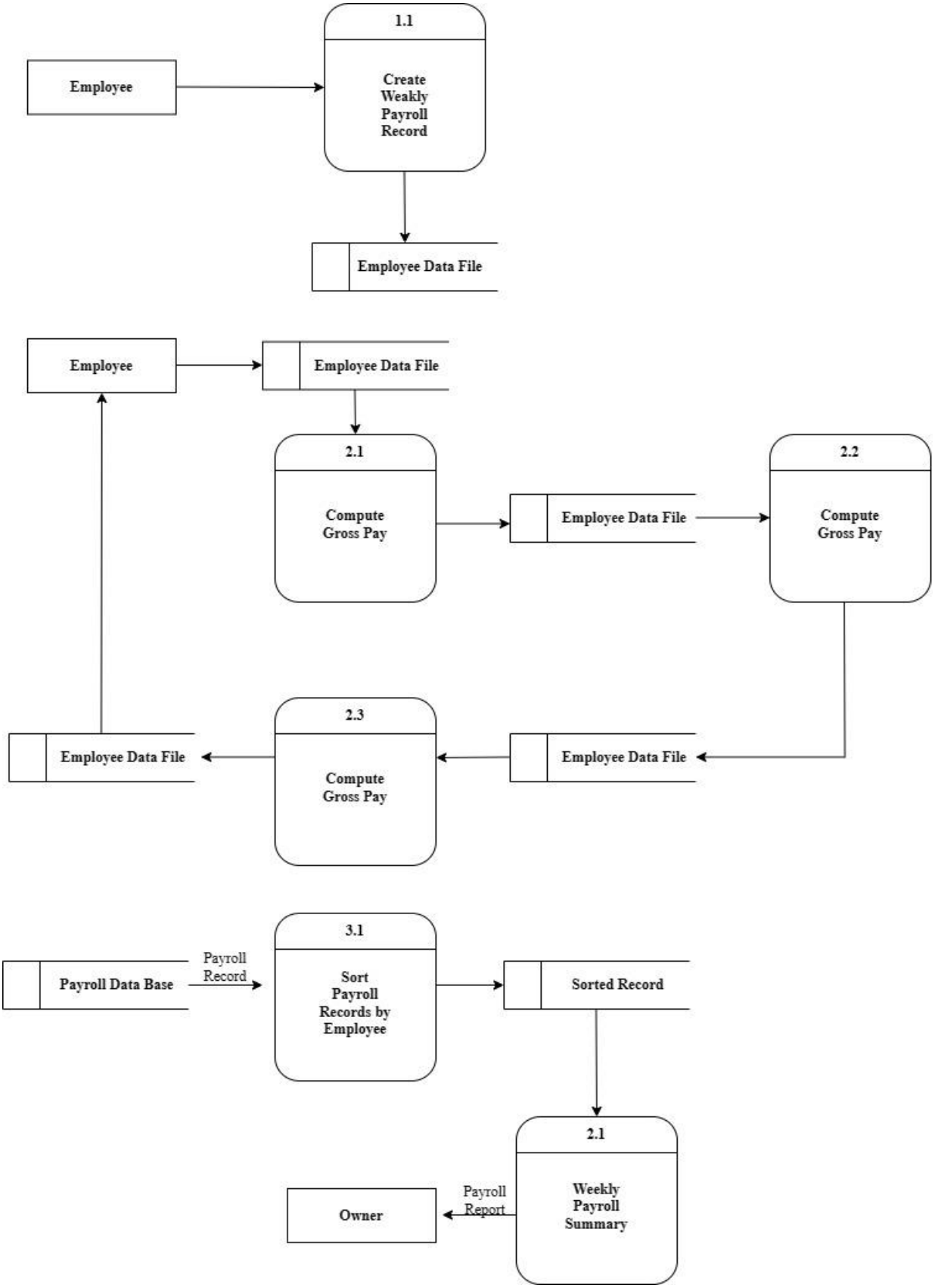


Diagram 0



Child Diagram



4.4 Data Dictionary

Table 1.0 Ochado_Weekly Payroll Record

FIELDS	DATA TYPE	LENGTH	DESCRIPTION
Mon	Date	20	Monday
Tues	Date	20	Tuesday
Wed	Date	20	Wednesday
Thurs	Date	20	Thursday
Fri	Date	20	Friday
Sat	Date	20	Saturday
Sun	Date	20	Sunday

Table 2.0 Ochado_Weekly Paycheck

FIELDS	DATA TYPE	LENGTH	DESCRIPTION
Name	varchar	225	Employee's Name
Days	numeric	50	Days of work
Rest Days	numeric	50	None working days
Salary	numeric	50	Total salary of employee
Days of week	varchar	255	Weekend or Weekdays

Table 3.0 Ochado_Weekly Payroll Summary

FIELDS	DATA TYPE	LENGTH	DESCRIPTION
Name	varchar	225	Employee's Name
Days	numeric	50	Days of work
Rest Days	numeric	50	None working days
Salary	numeric	50	Total salary of employee

4.5 Problem Areas

Manual computation of wages and attendance monitoring can present several challenges. One of the main issues is the risk of errors, as manual calculations are more susceptible to human errors such as miscalculations, incorrect data entry, and transposition errors. This can lead to inaccuracies in payroll and incorrect payments to employees. Additionally, manual computation is a time-consuming task that requires a significant amount of effort, particularly for businesses with a large number of employees. This can lead to delays in processing payroll, which can negatively impact employee satisfaction and morale.

Using time cards to monitor attendance can also present problems. There is a potential for errors in recording and tracking attendance when employees are responsible for recording their own attendance. This can lead to inaccuracies in tracking attendance and may result in incorrect payments for overtime or missed attendance. Furthermore, manual timekeeping may also be subject to manipulation or fraud from employees, making it difficult to monitor attendance correctly. This can lead to inefficiency and loss for the company.

In addition to these problem areas, manual computation and time card monitoring can also be prone to data loss if not properly managed. By identifying and addressing these potential problem areas, the process of manual computation of wages and attendance monitoring can be improved, resulting in more accurate and efficient payroll and attendance tracking for businesses.

5.0 Proposed System

5.1 System Overview

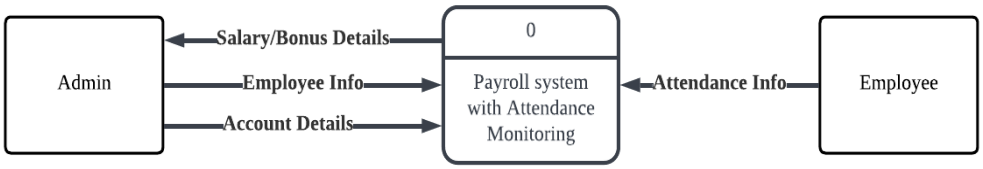
Web-based Payroll System with Attendance Monitoring for Ochado Bucandala Branch system helped them get the accurate working hours, to monitor the time in and time out of each employee and an automatic calculation of their respective wages or salaries. Additionally, it aims to develop a system that could offer the required database for all payroll records and the anticipated storage requirements of the system. Second, it also entails the quick, precise, and simple computation of all current employee salaries for the anticipated client. This is done to improve the system's usability, security, and objectivity toward any outside factors. Lastly, a system that can generate reports of all payroll transactions needs to be developed.

The system is built on Windows 10 operating system and running it on a different operating system or an older version may cause compatibility issues. The system was also constructed using the latest versions of Visual Studio Code and XAMPP MySQL. Similar to the operating system, the system may encounter compatibility issues when run on older versions of Visual Studio Code and XAMPP MySQL. Additionally, an internet connection is required to access and use the system.

5.2 Process Specification

5.2.1 Data Flow Diagram

Context Diagram



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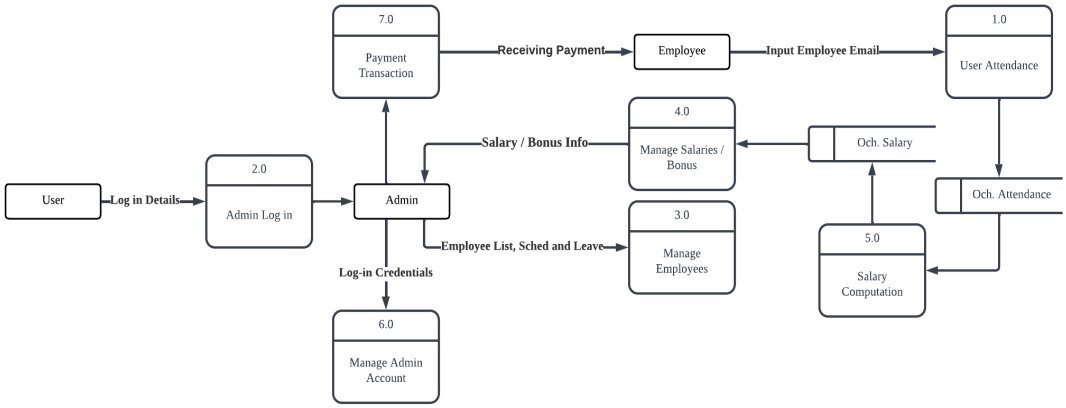
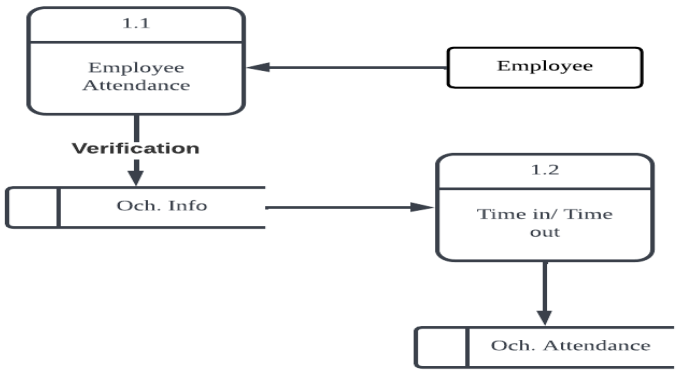
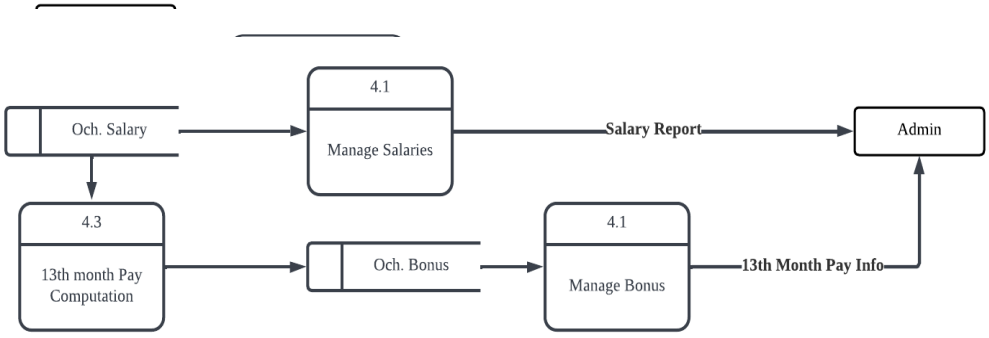
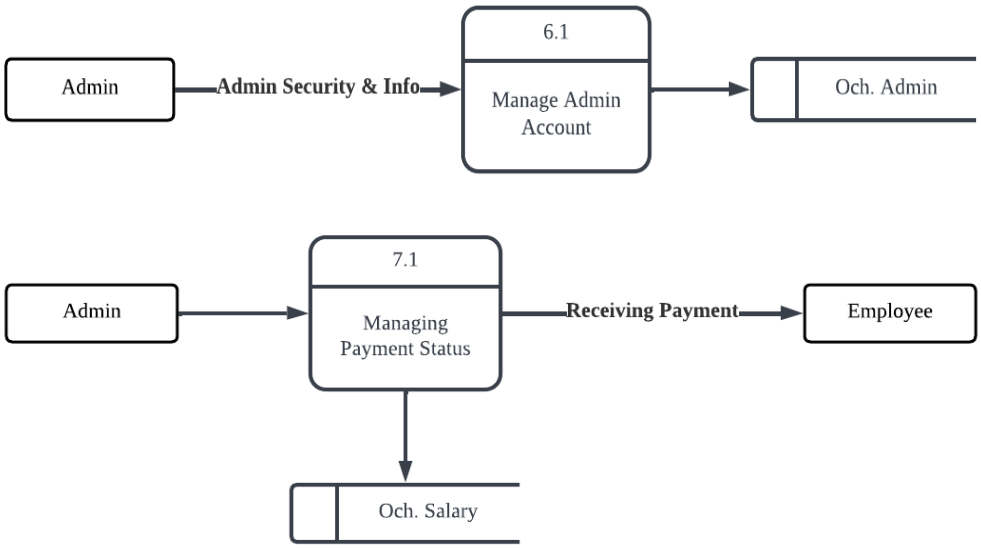


Children Diagram







5.2.2 Data Dictionary

Table 1.0: Ochado_Employees

FIELDS	DATA	LENGTH	DESCRIPTION
Emp_id	int	8	Employee Identification
First_name	varchar	225	Employee's First name
Last_name	varchar	225	Employee's Surname
Middle_name	varchar	225	Employee's Middle name
Dob	Date		Employee's Date of Birth
Gender	varchar	225	Employee's Gender
Address	varchar	225	Employee's Address
Email	varchar	225	Employee's Email
Phone	varchar	11	Employee's Phone number
DOE	Date		Employee's Date of Employment

Position	varchar	255	Employee's Position
Created	Date		Employee's Date of Creation

Table 2.0: Ochado_Admin

FIELDS	DATA	LENGTH	DESCRIPTION
Admin_id	int	8	Admin Identification number
Admin_email	varchar	225	Admin Email
Admin_password	varchar	225	Admin Password
Admin_fname	varchar	225	Admin First name
Admin_lname	varchar	225	Admin Last name
Admin_mname	varchar	225	Admin Middle name
UTP	Varchar	6	Admin UTP code

Table 3.0: Ochado_Earning

FIELDS	DATA	LENGTH	DESCRIPTION
Position	varchar	20	Employee's Position
SalaryperHour	float	11,2	Position Salary

Table 4.0: Ochado_Attendance

FIELDS	DATA	LENGTH	DESCRIPTION
Attendace_id	int	8	Attendance Identification
Emp_id	int	8	Employee Identification
Attendance_date	date		Employees attendance date
Time_in	time		Employee Time in
Time_out	time		Employee Time out
TimeStatus	varchar	225	OT or Regular
Daysofweek	varchar	225	Weekend or Weekdays

Table 5.0: Ochado_Leave

FIELDS	DATA	LENGTH	DESCRIPTION
Leave_id	int	8	Leave identification number
Empid	int	8	Employee ID
Leave_dates	date		Leave Date
Leave_type	varchar	225	Reason of Leave
Leave_status	varchar	225	Leave Approve or Denied
Apply_date	date		Date the Leave have been applied

Table 6.0: Ocahdo_Salary

FIELDS	DATA	LENGTH	DESCRIPTION
Salary_id	int	8	Salary Identification number
Emp_id	int	8	Employee ID
Earning_amount	float	11,2	Total earning of specific time range
Deduction_total	float	11,2	Total deduction of the user
Net_salary	float	11,2	total earning deducted by the value of deduction total
Pay_date	date		Specific Range of payday

Table 7.0: Ochado_Sched

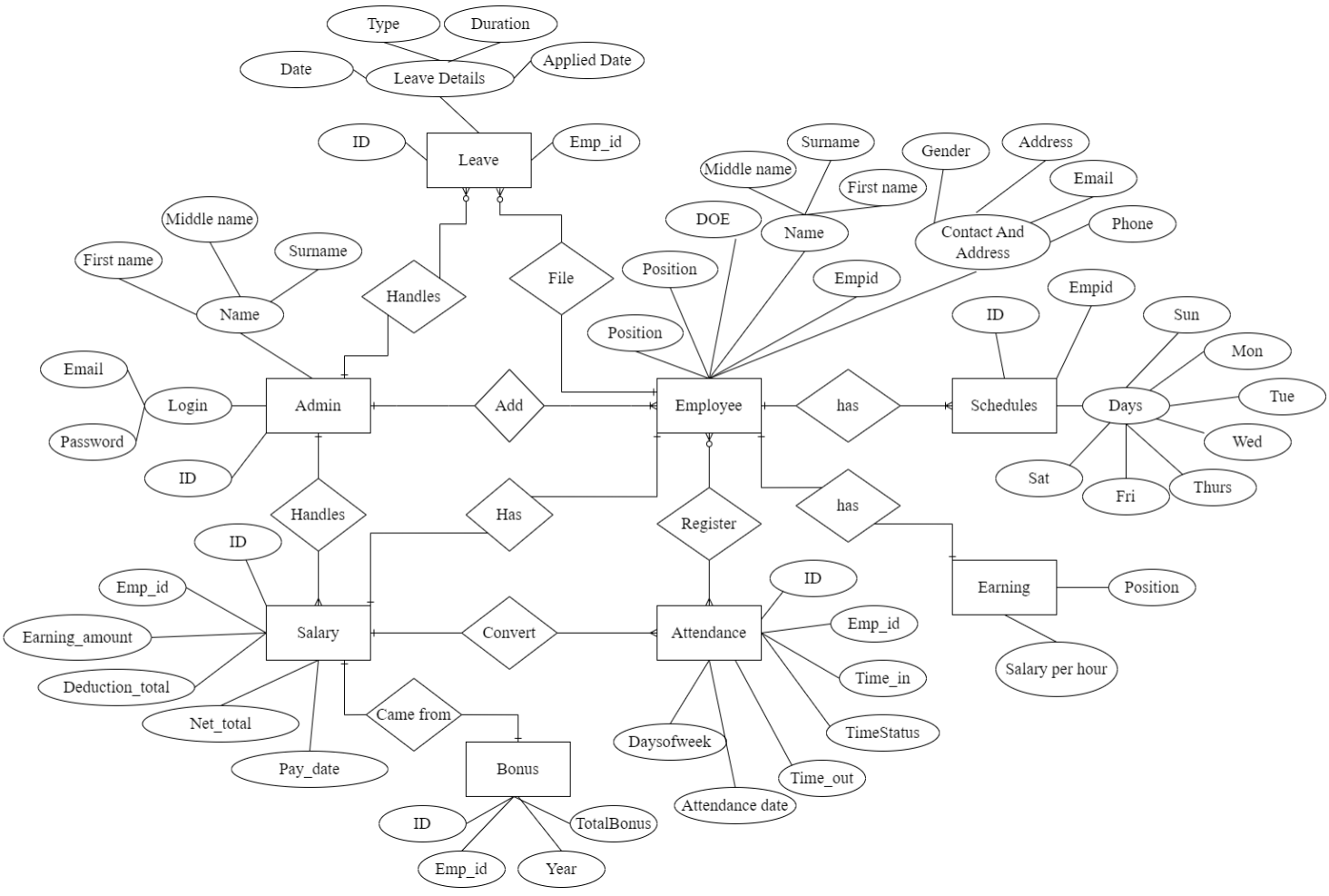
FIELDS	DATA	LENGTH	DESCRIPTION
Schedid	int	8	Schedule ID
Empid	int	8	Employee's ID
Sunday	varchar	225	Employee's Sched on Friday
Monday	varchar	225	Employee's Sched on Friday
Tuesday	varchar	225	Employee's Sched on Friday
Wednesday	varchar	225	Employee's Sched on Friday
Thursday	varchar	225	Employee's Sched on Friday
Friday	varchar	225	Employee's Sched on Friday
Saturday	varchar	225	Employee's Sched on Friday

Table 8.0: Ochado_Bonus

FIELDS	DATA	LENGTH	DESCRIPTION
BonusId	int	8	Bonus ID
Empid	int	8	Employee's ID
Year	int	8	13th month year
TotalBonus	float	11,2	Employee's Bonus on Specific Month

5.3 Data Specification

5.3.1 Entity Relationship Diagram



5.3.2 Tables/Files Layout

Table 1.0: Ochado_Employees

Emp_id	First_name	Last_name	Middle_name	Dob	Gender	Address	Email	Mobile	DOE	Position	Created	EMPSTATUS
12	MICHELLE	JAVIER	JAMES	2001-01-10	FEMALE	4X97+F34, Tagaytay, 4120 Cavite	rhoannelamparas@gmail.com	09683222489	2022-12-18	OIC	2022-12-18	ACTIVE
16	TYLER	GRAVADOR	TYLER	2002-12-12	MALE	Sedaca Building, 656 Ramos Street, Manggahan	gravador68@gmail.com	09992969123	2022-12-17	EMPLOYEE	2022-12-17	ACTIVE
28	ROLLY	MIGRIÑO	LAMPARAS	2002-12-12	MALE	BLK 16 LOT 9 ACACIA HOMES BRGY. BUROL III	FERRISERIS12@GMAIL.COM	09279949315	2022-12-23	EMPLOYEE	2022-12-23	ACTIVE

Table 2.0: Ochado_Admin

Admin_id	Admin_email	Admin_password	Admin_fname	Admin_mname	Admin_lname	UTP
1	ruelee01@gmail.com	07d1c49f3b9d86f6496a4b53ac6c1074	Ephraim	Libao	Ramos	56638

Table 3.0: Ochado_Earning

Position	Salaryperhour
EMPLOYEE	45.00
OIC	50.00

Table 4.0: Ochado_Attendance

Attendance_id	Emp_id	Attendance_date	Time_in	Time_out	TimeStatus	Daysofweek
2	12	2022-11-24	11:00:00	18:00:00	REGULAR	MONDAY
3	12	2022-11-25	13:00:00	20:00:00	REGULAR	TUESDAY
4	12	2022-11-26	11:00:00	20:30:00	REGULAR	THURSDAY
5	12	2022-11-27	15:00:00	22:00:00	REGULAR	FRIDAY
6	12	2022-11-28	11:00:00	18:00:00	REGULAR	SATURDAY
7	12	2022-11-29	15:00:00	21:30:00	REGULAR	SUNDAY

Table 5.0: Ochado_Leave

Leave_id	Emp_id	Leave_dates	Leave_type	Leave_status	Duration
10	16	2022-12-24	SICK LEAVE	APPROVED	4
11	12	2022-12-25	CASUAL LEAVE	APPROVED	7

Table 6.0: Ocahdo_Salary

Salary_id	Emp_id	Earning_amount	Deduction_total	Net_salary	Pay_date	Salarydrange	Year	Month
25	12	1050.00	110.25	939.75	2022-12-22	2022/12/20 - 2023/01/04	2022	12
26	12	3750.00	393.75	3356.25	2022-12-22	2022/11/20 - 2022/12/05	2022	11
27	12	4650.00	488.25	4161.75	2022-12-22	2022/12/05 - 2022/12/20	2022	12
28	28	2.25	0.24	2.01	2023-01-09	2022/12/20 - 2023/01/04	2022	12
29	16	0.00	0.00	0.00	2023-01-09	2022/12/20 - 2023/01/04	2022	12

Table 7.0: Ochado_Sched

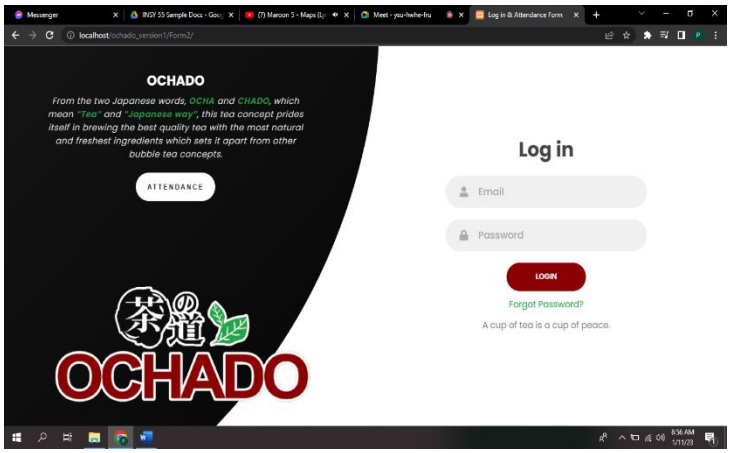
Sched_id	Emp_id	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	12	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00	OFF	11:00 - 21:00	11:00 - 21:00	OFF
4	16	11:11 - 12:12	OFF	OFF	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00	OFF
16	28	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00	11:00 - 21:00

Table 8.0: Ochado_Bonus

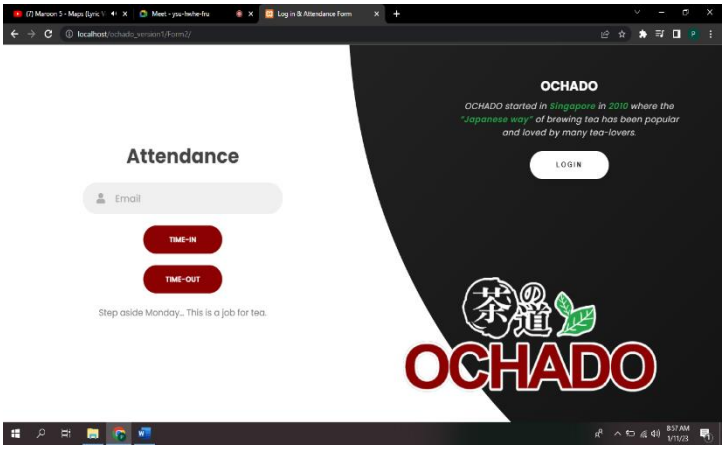
Bonusid	Empid	Year	TotalBonus
3	12	2022	933

5.4 Screen/Layout Specification

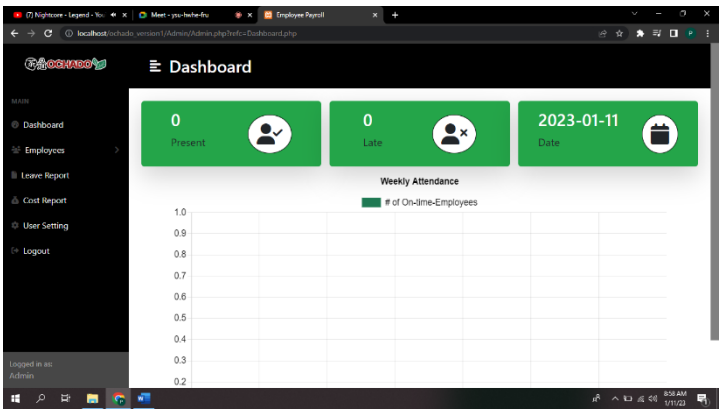
Login Form



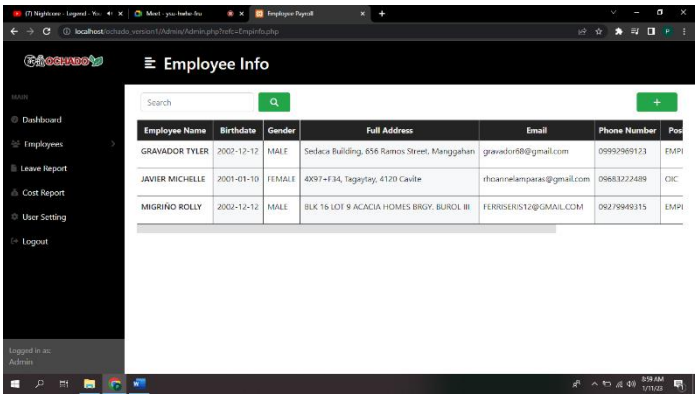
Attendance Form



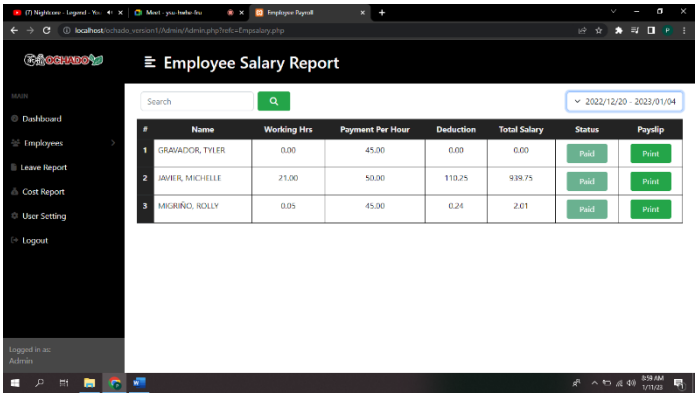
Dashboard



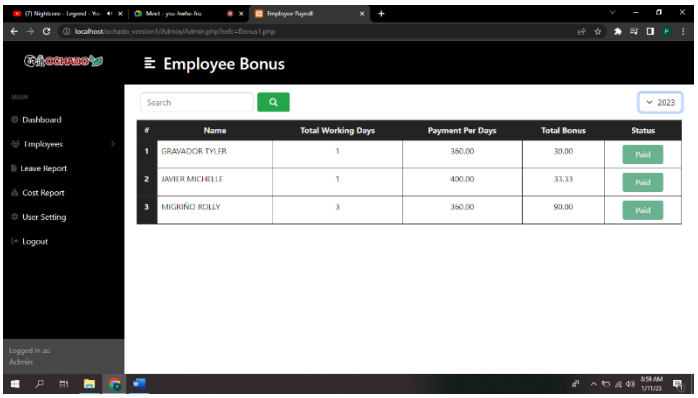
Employee Information



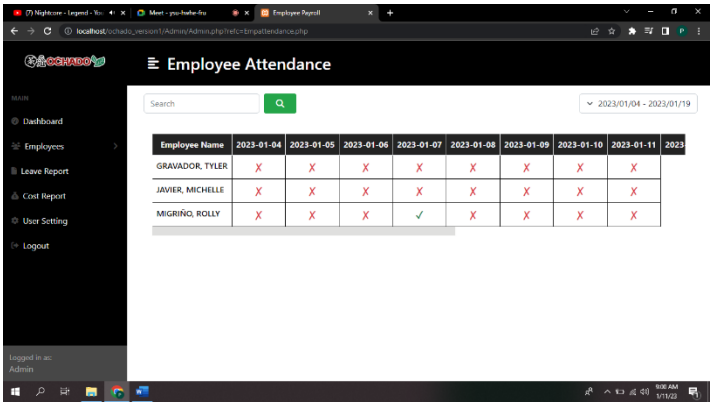
Employee Salary



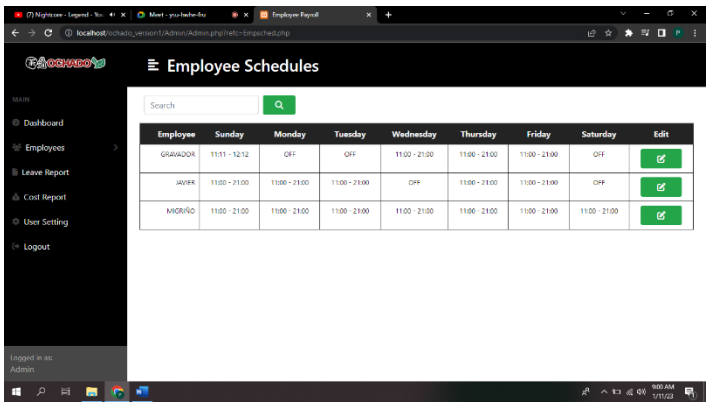
Employee Bonus



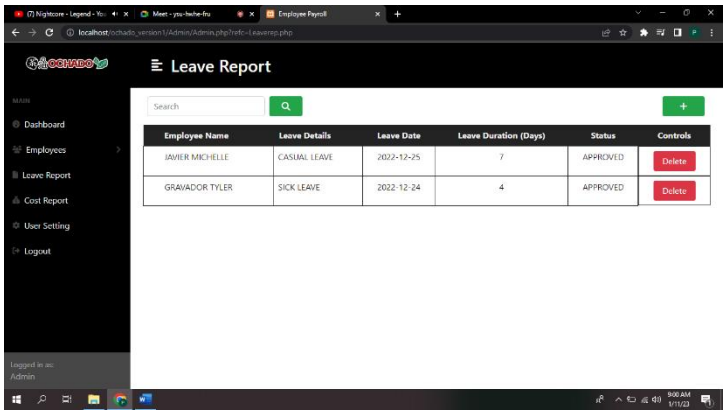
Employee Attendance



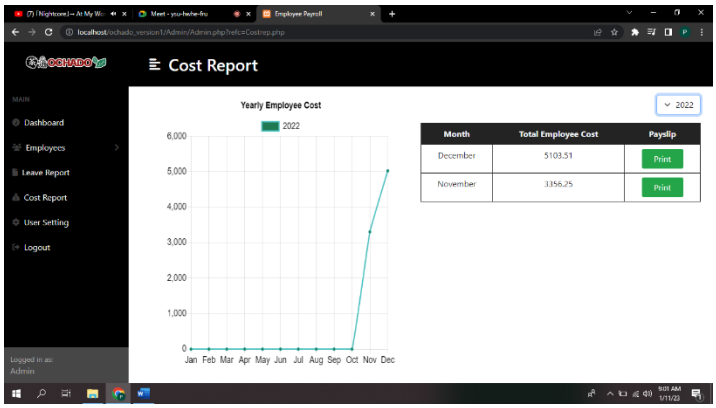
Employee Schedule



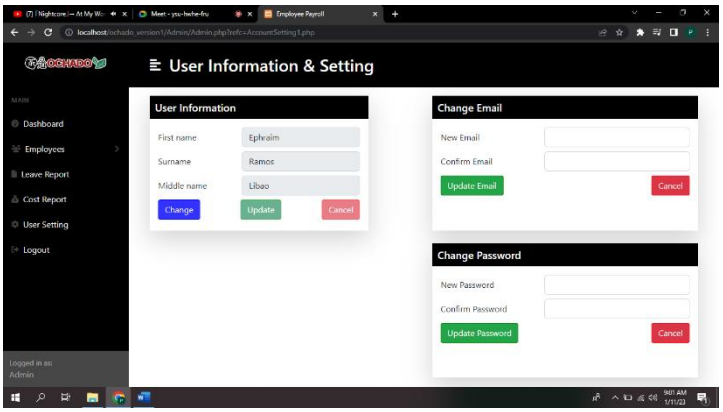
Leave Report



Cost Report



User Information Setting



5.5 Report Form/Specification

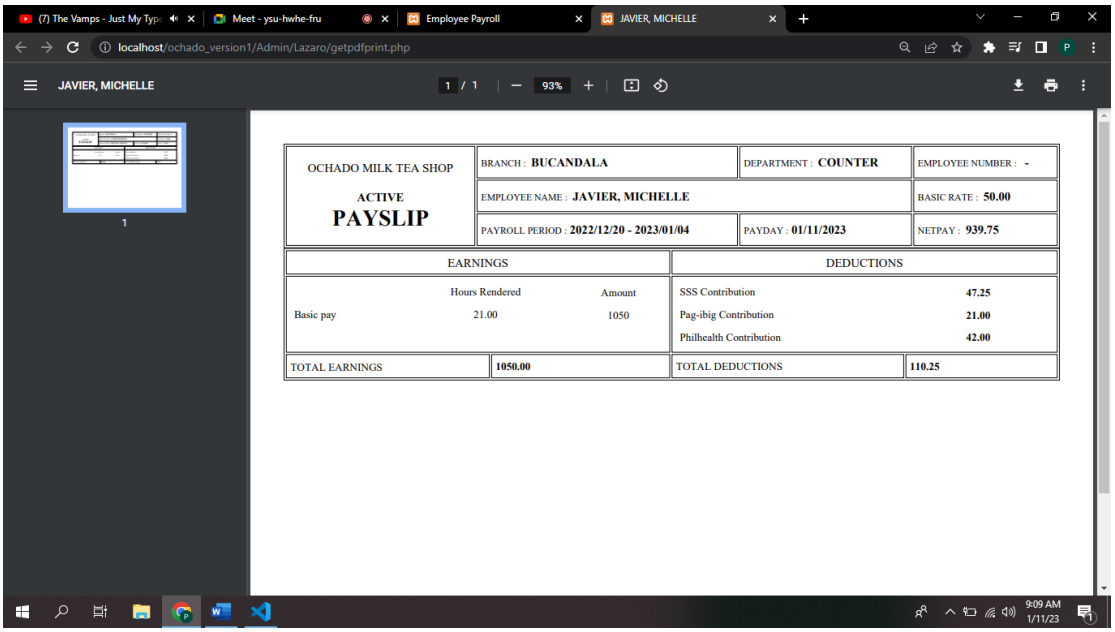


Fig 13. Employee Payslip

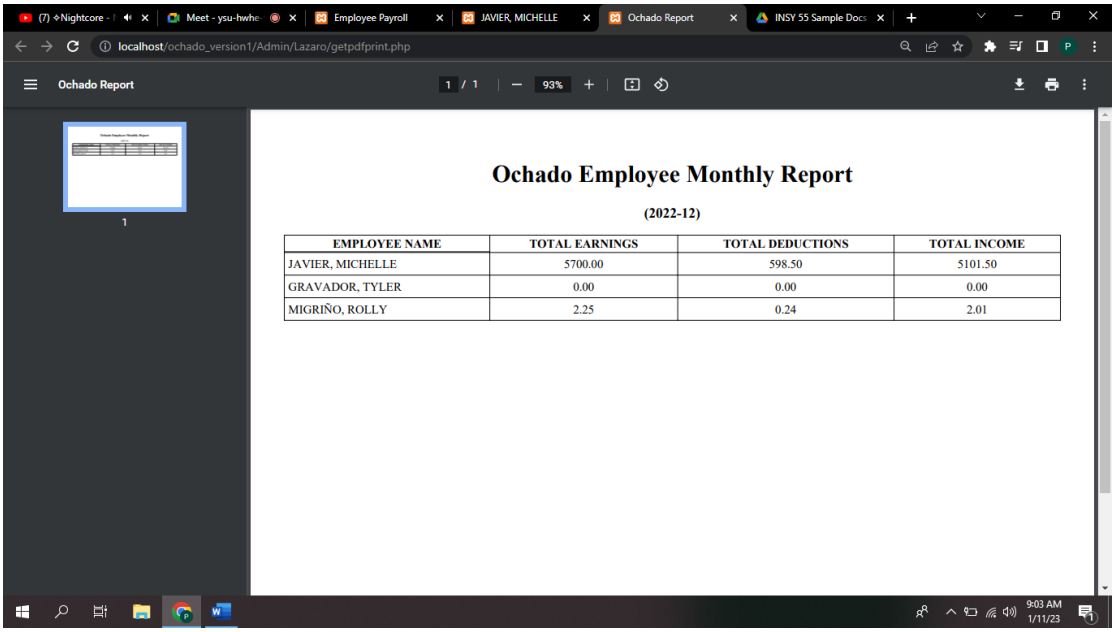


Fig. 14 Ochado Monthly Employee Cost

5.6 Program Module Specification

Connection Module

```
<?php
        $servername = "localhost";
        $username = "root";
        $password = "";
        $dbname = "ochado_db";// waiting
        $con = mysqli_connect($servername,$username,$password,$dbname);
?>
```

Login Module

```
<?php

require($_SERVER['DOCUMENT_ROOT'].'/OCHADO_Version1/DATABASE/db.php');
   date_default_timezone_set('Asia/Hong_Kong');// to change the time to hongkong
   session_start();



?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
  <script
    src="https://kit.fontawesome.com/64d58efce2.js"
    crossorigin="anonymous"></script>
  <link rel="stylesheet" href="../CSS/form.css" />
  <link rel="stylesheet" href="./CSS/additional.css" />
  <title>Log in & Attendance Form</title>

  <script src="//cdn.jsdelivr.net/npm/sweetalert2@11"></script>
  <script src="../JS/form1.js" defer></script>
  <script src="./btnevents.js" defer></script>
</head>
<body>
<?php
    if(isset( $_SESSION["ALERTMSG"])){
      echo "<script>
      Swal.fire(
          'Success!',
          '".$_SESSION["ALERTMSG"]."',
          'success'
      )
      </script>";
      unset($_SESSION["ALERTMSG"]);
    }
```

```
?>
   <div class="container <?php if(isset($_GET["mode"])){ echo $_GET["mode"];}?>">
     <div class="forms-container">
       <div class="signin-signup">
<!--Login Admin Logic-->
<?php
   if(isset($_POST['adminlogin'])){
      $email = $_POST['email'];
      $password = md5($_POST['password']);

      $sqlcode = "SELECT * FROM `ochado_admin` WHERE Admin_email = '$email' AND Admin_password = '$password'; ";
      $result = mysqli_query($con,$sqlcode);

      if (mysqli_num_rows($result) == 1){
         $_SESSION["Login_Credits"] = "Admin";
         header("Location:../Admin/Admin.php");
      }else{
         echo "<script>
                  Swal.fire(
                     'Oops..',
                     'Incorrect information',
                     'error'
                  )
```

```
                    </script>";
        }
      }
?>
        <!--Login Admin-->
        <form action="./index.php?" class="sign-in-form" method="post">
          <h2 class="title">Log in</h2>
          <div class="input-field">
            <i class="fas fa-user"></i>
            <input type="email" placeholder="Email" name="email"/>
          </div>
          <div class="input-field">
            <i class="fas fa-lock"></i>
            <input type="password" placeholder="Password" name="password"/>
          </div>
          <input type="submit" value="Login" class="btn solid"
name="adminlogin"/>
          <!--Forgot Password-->
          <a href="./reset.php">Forgot Password?</a>
          <!--End Forgot Password-->
          <p class="social-text">A cup of tea is a cup of peace.</p>
        </form>
        <!--END Login Admin-->

<!--Attendance Logic-->
```

```
<?php
   $headermsg=  "";
   $message = "";
   $error = "";

   if(isset($_POST['punchin'])){
      $lname = $_POST['lastname'];
      $sqlcode = "SELECT * FROM `ochado_employees` WHERE Email = '$lname'";
      $result = mysqli_query($con,$sqlcode);

      if (mysqli_num_rows($result) == 1){

         while($row =  mysqli_fetch_assoc($result)){
          $empcode = $row['Emp_id'];
          $name = $row["Last_name"].", ".$row["First_name"];

         }

         $sqlcode = "SELECT * FROM `ochado_attendance` WHERE Attendance_date = CURRENT_DATE AND Emp_id = '$empcode'";
         $result = mysqli_query($con,$sqlcode);

         if (mysqli_num_rows($result) > 0) {
```

```
            $headermsg=  "Oops..";
            $message = "The user has already logged in";
            $error = "error";

        }else{

            $sqlcode = "INSERT INTO ochado_attendance VALUES
(NULL,'$empcode',CURRENT_DATE,CURRENT_TIME,NULL,
NULL,NULL);";
            mysqli_query($con,$sqlcode);
            $sqlcode = "UPDATE ochado_attendance
                    SET Daysofweek =  CASE
                        WHEN WEEKDAY(CURRENT_DATE) >= 4  THEN
'WEEKENDS'
                        ELSE 'WEEKDAYS'
                      END
                    WHERE Attendance_date = CURRENT_DATE;";
            mysqli_query($con,$sqlcode);

            $headermsg=  "Success!";
            $message = $name." punched-in at ".date('h:i a', time());
            $error = "success";

        }
      }else{
```

```
            $headermsg=  "Oops..";
            $message = "Email Doesn't Exist";
            $error = "error";
        }

        echo "<script>
        Swal.fire(
            '$headermsg',
            '$message',
            '$error'
        )
        </script>";


    }elseif(isset($_POST['punchout'])){

        $lname = $_POST['lastname'];
        $sqlcode = "SELECT * FROM `ochado_employees` WHERE Email =
'$lname'";
        $result = mysqli_query($con,$sqlcode);

        if (mysqli_num_rows($result) == 1){

          while($row =  mysqli_fetch_assoc($result)){
            $empcode = $row['Emp_id'];
```

```
$name = $row["Last_name"].", ".$row["First_name"];

}

$sqlcode = "SELECT * FROM `ochado_attendance` WHERE Attendance_date = CURRENT_DATE AND Emp_id = '$empcode'";
$result = mysqli_query($con,$sqlcode);

if (mysqli_num_rows($result) <= 0) {
   $headermsg=  "Oops..";
   $message = "The user haven't logged in yet";
   $error = "error";

}else{
   $VALUE = mysqli_fetch_assoc($result)['Time_out'];

   if(is_null($VALUE)){//check if the employee already punched-out

      $sqlcode = "UPDATE ochado_attendance
      SET Time_out = CURRENT_TIME,
      TimeStatus = CASE
         WHEN Daysofweek = 'WEEKDAYS' THEN IF (TIMEDIFF(Time_out, Time_in) >= '09:00:00',
                                    IF (TIMEDIFF(Time_out, Time_in) >= '09:30:00', 'OT', 'REGULAR')
```

```
                                        , 'UNDERTIME')
                    ELSE IF (TIMEDIFF(Time_out, Time_in) >= '11:00:00',
                        IF (TIMEDIFF(Time_out, Time_in) >= '11:30:00', 'OT',
'REGULAR')
                        , 'UNDERTIME')
                    END
                WHERE Attendance_date = CURRENT_DATE AND Emp_id =
'$empcode';";
                mysqli_query($con,$sqlcode);



                $headermsg=  "Success!";
                $message = $name." punched-out at ".date('h:i a', time());
                $error = "success";

              }else{

                $headermsg=  "Oops..";
                $message = "The user  has already logged out";
                $error = "error";

              }
            }

        }else{
```

```
        $headermsg=  "Oops..";
        $message = "Email Doesn't Exist";
        $error = "error";
      }

      echo "<script>
      Swal.fire(
        '$headermsg',
        '$message',
        '$error'
      )
      </script>";
   }


?>
        <!--Attendance-->
        <form  action="./index.php?mode=sign-up-mode"  class="sign-up-form"
method="post">
          <h2 class="title">Attendance</h2>
          <div class="input-field">
            <i class="fas fa-user"></i>
            <input      type="email"      placeholder="Email"      name="lastname"
id="lname" required/>
          </div>
```

```
            <input type="submit" class="btn" value="Time-in"  name="punchin" id="Timeinid"/>
            <input type="submit" class="btn" value="Time-out" name="punchout" id="Timeoutid"/>

          <p class="social-text">Step aside Monday… This is a job for tea.</p>
        </form>
        <!--END Attendance-->
      </div>
    </div>

    <div class="panels-container">
      <div class="panel left-panel">
        <div class="content">
          <h3>OCHADO</h3>
          <p>
            From the two Japanese words, <span>OCHA</span> and <span>CHADO</span>, which mean <span>“Tea”</span> and <span>“Japanese way”</span>, this tea concept prides itself in brewing the best quality tea with the most natural and freshest ingredients which sets it apart from other bubble tea concepts.
          </p>
          <button class="btn transparent" id="sign-up-btn">
            Attendance
```

```
          </button>
        </div>
        <img src="img/register.jpg" class="image" alt="" /> <!--Login Ochado Logo-->
      </div>
      <div class="panel right-panel">
        <div class="content">
          <h3>OCHADO</h3>
          <p>
            OCHADO started in <span>Singapore</span> in <span>2010</span> where the<br><span>“Japanese way”</span> of brewing tea has been popular<br>and loved by many tea-lovers.
          </p>
          <button class="btn transparent" id="sign-in-btn">
            Login
          </button>
        </div>
        <img src="img/register.jpg" class="image" alt="" /> <!--Attendance Ochado Logo-->
      </div>
    </div>
  </div>



</body>
```

```
</html>
```

Dashboard Module

```
<?php

require($_SERVER['DOCUMENT_ROOT'].'/OCHADO/DATABASE/db.php
');
   date_default_timezone_set('Asia/Hong_Kong');// to change the time to
hongkong
   //session_start();

   $sqlcode = "SELECT COUNT(*) AS Present , CURRENT_DATE() AS
Datenow FROM `ochado_attendance` WHERE Attendance_date =
CURRENT_DATE();";
   $result  = mysqli_query($con, $sqlcode);

   $row = mysqli_fetch_assoc($result);

   $sqlcode = "SELECT COUNT(*) AS Late FROM `ochado_attendance`
WHERE Time_in > '11:00:00' AND Attendance_date = CURRENT_DATE;";
   $result1  = mysqli_query($con, $sqlcode);
   $row1 = mysqli_fetch_assoc($result1);


   $sqlcode = "SELECT
   CASE
```

```
    WHEN DAYOFWEEK(CURRENT_DATE()) = 1 THEN CURRENT_DATE()
    ELSE CURRENT_DATE()-(DAYOFWEEK(CURRENT_DATE())-1)
  END AS SW,
  CASE
    WHEN DAYOFWEEK(CURRENT_DATE()) = 7 THEN CURRENT_DATE()
    ELSE CURRENT_DATE() + (7- DAYOFWEEK(CURRENT_DATE()))
  END AS EW;";

  $result  = mysqli_query($con, $sqlcode);
  $dateval = mysqli_fetch_assoc($result);

  $starting =  $dateval["SW"];
  $end =  $dateval["EW"];

  $sqlcode = "SELECT DAYOFWEEK(Attendance_date) AS Keyday, COUNT(*) as Numbers FROM ochado_attendance WHERE Attendance_date >= '$starting' AND Attendance_date <= '$end' GROUP BY Attendance_date;";

  $result1  = mysqli_query($con, $sqlcode);
  $inputs = "";
  $i = 1;

  if ($result1-> num_rows > 0) {
```

```
        while($rowspecial = $result1->fetch_assoc()) {
            for ($i; $i <= 7 ; $i++) {
                if ($i == $rowspecial["Keyday"]) {
                    $inputs = $inputs.$rowspecial["Numbers"].",";
                    $i = $i+1;
                    break;
                }else{
                    $inputs = $inputs."0,";
                }
            }
        }
    } else {

    }


?>

<link rel="stylesheet" href="./css/dashboard1.css">
<link rel="stylesheet" href="./Tyler/dashboard1_up.css">

<nav class="navbar navbar-expand-lg  py-4 px-4" style="background-color:
#000">
    <div class="d-flex align-items-center">
```

```
        <i class="fas fa-align-left text-white fs-4 me-3" id="menu-toggle"></i>
        <h2 class="fs-2 m-0 text-white" id="Title">Dashboard</h2>
    </div>

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
        data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent"
        aria-expanded="false" aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>
</nav>
<section class=" px-4 sect active" id="s1">
    <div class="row g-3 my-2">
        <div class="col-md-4">
            <div class="p-3 boxbox shadow-lg d-flex justify-content-around align-
items-center rounded">
                <div>
                    <h3 class="fs-2"><?php echo $row["Present"]; ?></h3>
                    <p class="fs-5">Present </p>
                </div>
                <i class="fa-solid fa-user-check fs-1 iboxbox secondary-bg p-
3"></i>
            </div>
        </div>
```

```
        <div class="col-md-4">
            <div class="p-3 boxbox shadow-lg d-flex justify-content-around align-items-center rounded">
                <div>
                    <h3 class="fs-2"><?php echo $row1["Late"]; ?></h3>
                    <p class="fs-5">Late</p>
                </div>
                <i class="fas fa-user-xmark fs-1 iboxbox   secondary-bg p-3"></i>
            </div>
        </div>

        <div class="col-md-4">
            <div class="p-3 boxbox shadow-lg d-flex justify-content-around align-items-center rounded">
                <div>
                    <h3 class="fs-2"><?php echo $row["Datenow"]; ?></h3>
                    <p class="fs-5">Date</p>
                </div>
                <i class="fas fa-calendar fs-1 iboxbox   secondary-bg p-3"></i>
            </div>
        </div>
    </div>
    <div>
        <input type="hidden" id="inputsdata" value="<?php echo $inputs?>">
        <div class="canvas container">
```

```
            <canvas id="myChart" class="px-5"></canvas>
        </div>
    </div>

</section>

<script>
        const valuesin = document.getElementById('inputsdata').value
        let myArray = valuesin.split(",");

        const ctx = document.getElementById('myChart');
        Chart.defaults.backgroundColor = 'pink';
        Chart.defaults.font.size = 18;
        Chart.defaults.color = '#000';
        new Chart(ctx, {
            type: 'bar',
            data: {
            labels: [ "Sun",'Mon', 'Tue', 'Wed', 'Thurs', 'Fri', 'Sat'],
            datasets: [{
                label: '# of On-time-Employees',
                data: myArray,
                backgroundColor:'#1f7953'
            }]
            },
            options: {
```

```
            plugins: {
            title: {
                display: true,
                text: 'Weekly Attendance'
            }
        },
        scales: {
            y: {
            beginAtZero: true
            }
        }
        }
    });
    </script>
```

Employee Info

```
<?php

require($_SERVER['DOCUMENT_ROOT'].'/OCHADO/DATABASE/db.php
');
   date_default_timezone_set('Asia/Hong_Kong');// to change the time to
hongkong
   //session_start();

   $sqlcode = "SELECT * FROM `ochado_employees` ORDER BY
Last_name;";
```

```
    $result = mysqli_query($con, $sqlcode);

    if(isset($_SESSION["alert"])){
        echo "<script>
        Swal.fire(
            '".$_SESSION["Header"]."',
            '".$_SESSION["alert"]."',
            '".$_SESSION["icon"]."'
        )
        </script>";
        unset($_SESSION["alert"]);
    }

?>

<link rel="stylesheet" href="./css/empinfo.css">
<link rel="stylesheet" href="./Tyler/empinfo_up1.css">
<link rel="stylesheet" href="./css/qweqwe12.css">

<script src="./js/empinfo.js" defer></script>
<script src="./js/textuppercase1.js" defer></script>

<nav class="navbar navbar-expand-lg  py-4 px-4" style="background-color:
#000">
            <div class="d-flex align-items-center">
```

```
            <i class="fas fa-align-left text-white fs-4 me-3" id="menu-toggle"></i>
            <h2 class="fs-2 m-0 text-white" id="Title">Employee Info</h2>
          </div>

          <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
            data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
            aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
        </nav>
        <section class=" px-4 sect active" id="s1">
          <div class="toppart d-flex justify-content-between my-3" method="post">
            <div class="d-flex search-btn">
              <input class="form-control me-2" type="search" id="searching" placeholder="Search" aria-label="Search">
              <button class="btn " id="searchingbtn" type="button"><i class="fas fa-magnifying-glass"></i></button>
            </div>
            <div class="d-flex gap-3 slidebtn">
              <a class="btn" id="Addemp"  role="button" >
                <i class="fa-solid fa-plus"></i>
```

```
        </a>
    </div>

</div>

<form action="“ method="POST" class="lowerpart d-flex ">
    <table class="table table-dark" id="specialtable">
        <tr>
            <th>Employee Name</th>
            <th>Birthdate</th>
            <th>Gender</th>
            <th>Full Address</th>
            <th>Email</th>
            <th>Phone Number</th>
            <th>Position</th>
            <th>Date of Employement</th>
            <th class="text-center">Control</th>
        </tr>
        <?php
            $tablerow = "";
            $i = 0;
            if ($result-> num_rows > 0) {
                while ($row = mysqli_fetch_assoc($result)) {
                    $i = $i+1;
                    $tablerow = $tablerow."
```

```
<tr id='tr".$i."'>
<td id='b1'>".$row["Last_name"]." ".$row["First_name"]."</td>
<td id='b2'>".$row["Dob"]."</td>
<td id='b3'>".$row["Gender"]."</td>
<td id='b4'>".$row["Address"]."</td>
<td id='b5'>".$row["Email"]."</td>
<td id='b6'>".$row["Mobile"]."</td>
<td id='b7'>".$row["Position"]."</td>
<td class='text-center'>".$row["DOE"]."</td>
<td class='text-center'>

<button class='btn btn-success' id='".$i."' onclick= 'editting(this.id)'>
<i class='fa-solid fa-pen-to-square'></i>
</button>
<input type='hidden' value = '$i' name ='tablenum'>

</td>
<td class='tdhidden' style ='display:none'>".$row["First_name"]."</td>
<td class='tdhidden' style ='display:none'>".$row["Last_name"]."</td>
<td class='tdhidden' style
```

```
='display:none'>".$row["Middle_name"]."</td>
                        <td class='tdhidden' style
='display:none'>".$row["Emp_id"]."</td>
                    </tr>";
                }



                }else{
                    $tablerow.= "<tr><td colspan='9' class='text-center'>No
Data </td></tr>";
                }
                echo $tablerow;
            ?>
        </table>
    </form>
</section>
</nav>

<div class="magic_opener">
  <div class="mboxbox">
    <form action="./PHPS/empinfo.php" method="POST">
      <h3 class="text-center" id="headerbox"></h1>
      <div  class="d-flex gap-1">
        <div class="col-md-6">
          <div class="form-floating mb-3">
```

```
                <input type="text" class="form-control" required id="fname" name="fname" placeholder="name@example.com">
                <label for="fname">First Name</label>
            </div>
            <div class="form-floating mb-3">
                <input type="text" class="form-control" required id="mname" name="mname" placeholder="name@example.com">
                <label for="mname">Middle Name</label>
            </div>
            <div class="form-floating mb-3">
                <input type="text" class="form-control" required required id="lname" name="lname" placeholder="name@example.com">
                <label for="lname">Last Name</label>
            </div>

            <div class="form-floating">
                <select class="form-select" id="gender" name="gender" aria-label="Floating label select example">
                    <option value="MALE">Male</option>
                    <option value="FEMALE">Female</option>
                </select>
                <label for="floatingSelect">Gender</label>
            </div>
        </div>
        <div class="col-md-6">
```

```
<div class="form-floating mb-3">
<input type="date" class="form-control" required id="dob" name="dob" placeholder="name@example.com">
<label for="dob">Date of Birth</label>
</div>
<div class="form-floating mb-3">
<input type="email" class="form-control" required id="email" name="email" placeholder="name@example.com">
<label for="email">Email address</label>
</div>
<div class="form-floating mb-3">
<input type="text" onkeypress="return /[0-9]/i.test(event.key)" minlength="11" maxlength="11" class="form-control" required id="phone" name="phone" placeholder="name@example.com">
<label for="phone">Phone number</label>
</div>
<div class="form-floating mb-3">
<select class="form-select" id="position" required name="position" aria-label="Floating label select example">
<option value="EMPLOYEE">Employee</option>
<option value="OIC">OIC</option>
</select>
<label for="floatingSelect">Position</label>
</div>
</div>
```

```
        </div>
        <div class="form-floating mb-3">
            <input type="text" class="form-control" required id="address"
name="address" placeholder="name@example.com">
            <label for="phone">Address</label>
          </div>
          <input type="hidden" name="ids" id="ids" value="1233">

        <div class="d-flex justify-content-center slidebtn">
          <div>
            <input type="submit" value="Save" name="Addbtn" class="btn ">
            <input type="submit" value="Cancel" name="Cancelbtn"
id="cancel" class="btn cancelbtn">
            <input type='submit' value='Delete' name='deleteemployee'
class='btn btnremove' id="deleteid" disabled>
          </div>
        </div>
      </form>
    </div>
</div>


<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></scri
pt>
```

```
<script type="text/javascript">
    $(document).ready(function(){
    $("#searching").on('change',function(){
      var value = $(this).val();

      $.ajax({
        url:"./PHPS/empinfosearch.php",
        type:"POST",
        data:'request=' + value,


        beforeSend:function(){
        $("#specialtable").html("<span>Working ...</span>");
            },
        success:function(data){
        $("#specialtable").html(data);
          }


      });
    });

    $("#searchingbtn").on('click',function(){
      var value = $("#searching").val();
```

```
        $.ajax({
          url:"./PHPS/empinfosearch.php",
          type:"POST",
          data:'request=' + value,



          beforeSend:function(){
          $("#specialtable").html("<span>Working ...</span>");
             },
          success:function(data){
          $("#specialtable").html(data);
           }


        });


      });
    });
</script>
```

Employee Sched

```
<?php
require($_SERVER['DOCUMENT_ROOT'].'/OCHADO/DATABASE/db.php
');
   date_default_timezone_set('Asia/Hong_Kong');// to change the time to
hongkong
```

```
    //session_start();

    if(isset($_SESSION["alert"])){
        echo "<script>
        Swal.fire(
            'Success!',
            '".$_SESSION["alert"]."',
            'success'
        )
        </script>";
        unset($_SESSION["alert"]);
    }
?>

<link rel="stylesheet" href="./css/sched.css">
<link rel="stylesheet" href="./Tyler/sched1.css">
<link rel="stylesheet" href="./css/qweqwe12.css">


<script src="./js/empsched.js" defer></script>

<nav class="navbar navbar-expand-lg  py-4 px-4" style="background-color:
#000">
            <div class="d-flex align-items-center">
                <i class="fas fa-align-left text-white fs-4 me-3" id="menu-
```

```
toggle"></i>
                <h2 class="fs-2 m-0 text-white" id="Title">Employee Schedules</h2>
            </div>

            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
                aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
        </nav>
        <section class=" px-4 sect active" id="s1">
            <div class="toppart d-flex justify-content-between my-3" >
                <div class="d-flex">
                    <input class="form-control me-2" type="search" id="searching" placeholder="Search" aria-label="Search">
                    <button class="btn btn-success" id="searchingbtn" type="button"><i class="fas fa-magnifying-glass"></i></button>
                </div>

            </div>

            <form action="" class="formt">
```

```
<table class="table table-dark" id="specialtable">
    <tr class="text-center">
        <th class="text-start">Employee</th>
        <th>Sunday</th>
        <th>Monday</th>
        <th>Tuesday</th>
        <th>Wednesday</th>
        <th>Thursday</th>
        <th>Friday</th>
        <th>Saturday</th>
        <th>Edit</th>
    </tr>

    <?php
        $sqlcode = "SELECT  b.Last_name, a.* FROM ochade_sched a, ochado_employees b WHERE a.Emp_id = b.Emp_id ORDER BY b.Last_name ASC;";
        $result = mysqli_query($con, $sqlcode);

        if (mysqli_num_rows($result) > 0) {

            while ($rows = mysqli_fetch_assoc($result)) {
                echo "<tr class='text-center '
```

```
id='".$rows["Emp_id"]."row"."'>
                        <td class='text-start'>".$rows["Last_name"]."</td>
                        <td>".$rows["Sunday"]."</td>
                        <td>".$rows["Monday"]."</td>
                        <td>".$rows["Tuesday"]."</td>
                        <td>".$rows["Wednesday"]."</td>
                        <td>".$rows["Thursday"]."</td>
                        <td>".$rows["Friday"]."</td>
                        <td>".$rows["Saturday"]."</td>
                        <td >
                            <button class='btn btn-success' type='button'
id='".$rows["Emp_id"]."' >
                                <i class='fa-solid fa-pen-to-square'></i>
                            </button>
                        </td>
                    </tr>";
                }
            }else{
                echo "<tr><td colspan='9' class='text-center'>No
Data</td></tr>";
            }

        ?>
```

```
            <!--
               <tr>
                  <td>Employee Name</td>
                  <td>11:00 AM - 06:00 AM</td>
                  <td>11:00 AM - 06:00 AM</td>
                  <td>11:00 AM - 04:30 AM</td>
                  <td>11:00 AM - 06:00 AM </td>
                  <td>11:00 AM - 06:00 AM</td>
                  <td>11:00 AM - 06:00 AM</td>
                  <td>11:00 AM - 06:00 AM</td>
                  <td>
                     <div class='d-flex align-item-center gap-3 slidebtn'>
                        <button class='btn' type="button" id="testing1">
                           <i class='fa-solid fa-pen-to-square'></i>
                        </button>
                        <input type='hidden' value = '$i' name ='tablenum'>
                     </div>
                  </td>
               </tr>
            -->
         </table>

      </form>

   </section>
```

```
</nav>

<div class="magic_opener">
   <div class="mboxbox">
      <form action="./PHPS/empsched.php" method="POST">
         <h3 class="text-center" id="headerbox">Name</h1>
         <input type="hidden" name="userid" id="empid">
         <div  class="d-flex gap-1 flex-wrap justify-content-between">
            <div class="daybox">
               <div class="text-center mb-3">Sunday</div>
               <div class="form-floating mb-3">
                  <input type="time" class="form-control " name="sun1"
id="floatingInput" placeholder="name@example.com" >
                  <label for="floatingInput">Start</label>
               </div>
               <div class="form-floating mb-3">
                  <input type="time" class="form-control" name="sun2"
id="floatingInput" placeholder="name@example.com" >
                  <label for="floatingInput">End</label>
               </div>
            </div>
            <div class="daybox">
               <div class="text-center mb-3">Monday</div>
               <div class="form-floating mb-3">
                  <input type="time" class="form-control " name="mon1"
```

```
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">Start</label>
                </div>
                <div class="form-floating mb-3">
                    <input type="time" class="form-control" name="mon2"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">End</label>
                </div>
            </div>
            <div class="daybox">
                <div class="text-center mb-3">Tuesday</div>
                <div class="form-floating mb-3">
                    <input type="time" class="form-control " name="tue1"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">Start</label>
                </div>
                <div class="form-floating mb-3">
                    <input type="time" class="form-control" name="tue2"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">End</label>
                </div>
            </div>
            <div class="daybox">
                <div class="text-center mb-3">Wednesday</div>
                <div class="form-floating mb-3">
```

```
                <input type="time" class="form-control " name="wed1"
id="floatingInput" placeholder="name@example.com" >
                <label for="floatingInput">Start</label>
            </div>
            <div class="form-floating mb-3">
                <input type="time" class="form-control" name="wed2"
id="floatingInput" placeholder="name@example.com" >
                <label for="floatingInput">End</label>
            </div>
        </div>
        <div class="daybox">
            <div class="text-center mb-3">Thursday</div>
            <div class="form-floating mb-3">
                <input type="time" class="form-control " name="thur1"
id="floatingInput" placeholder="name@example.com" >
                <label for="floatingInput">Start</label>
            </div>
            <div class="form-floating mb-3">
                <input type="time" class="form-control" name="thur2"
id="floatingInput" placeholder="name@example.com" >
                <label for="floatingInput">End</label>
            </div>
        </div>
        <div class="daybox">
            <div class="text-center mb-3">Friday</div>
```

```
                <div class="form-floating mb-3">
                    <input type="time" class="form-control " name="fri1"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">Start</label>
                </div>
                <div class="form-floating mb-3">
                    <input type="time" class="form-control" name="fri2"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">End</label>
                </div>
            </div>
            <div class="daybox">
                <div class="text-center mb-3">Saturday</div>
                <div class="form-floating mb-3">
                    <input type="time" class="form-control " name="sat1"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">Start</label>
                </div>
                <div class="form-floating mb-3">
                    <input type="time" class="form-control" name="sat2"
id="floatingInput" placeholder="name@example.com" >
                    <label for="floatingInput">End</label>
                </div>
            </div>
        </div>
```

```
            <div class="d-flex justify-content-center slidebtn">
                <div>
                    <input type="submit" value="Save" name="Addbtn" class="btn "
id="saving">
                    <input type="submit" value="Cancel" name="Cancelbtn"
id="cancel" class="btn cancelbtn">
                </div>
            </div>
        </form>
    </div>
</div>



<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></scri
pt>
<script type="text/javascript">
    $(document).ready(function(){

        $("#searching").on('change',function(){
            var value = $(this).val();
```

```
    $.ajax({
    url:"./PHPS/schedsearch.php",
    type:"POST",
    data: 'request=' + value,


    beforeSend:function(){
    $("#specialtable").html("<span>Working ...</span>");
        },
    success:function(data){
    $("#specialtable").html(data);
        }


    });
});

$("#searchingbtn").on('click',function(){
    var value = $("#searching").val();

    $.ajax({
    url:"./PHPS/schedsearch.php",
    type:"POST",
    data: 'request=' + value,
```

```
        beforeSend:function(){
        $("#specialtable").html("<span>Working ...</span>");
            },
        success:function(data){
        $("#specialtable").html(data);
            }



        });

      });


  });
</script>
```

Cost Report

```
<?php

require($_SERVER['DOCUMENT_ROOT'].'/OCHADO/DATABASE/db.php
');
  date_default_timezone_set('Asia/Hong_Kong');// to change the time to
hongkong

  $todayyear = date("Y");
```

```
$sqlcode = "SELECT SUM(Net_salary) AS MonthCost, Year, Month FROM
`ochade_salary` WHERE Year = '$todayyear' GROUP BY Month ORDER BY
Month DESC;";
$result = mysqli_query($con, $sqlcode);
$trs = "";
$datagarm="";
$monthgarm = array();
$monthname =
["January","February","March","April","May","June","July","August","Septe
mber","October", "November", "December"];
if (mysqli_num_rows($result) > 0) {
    while ($row= mysqli_fetch_assoc($result)) {
        $trs .= "<tr class='text-center'>
                <td>".$monthname[$row['Month']-1]."</td>
                <td>".$row['MonthCost']."</td>
                <td>
                    <input type='button' id='".$row['Year'].":".$row['Month']."'
value='Print' class='btn btn-success'>
                </td>
            </tr>";
        $monthgarm[$monthname[$row['Month']-1]] = $row['MonthCost'];

    }
    for ($i= 0; $i < count($monthname); $i++){
        if (array_key_exists($monthname[$i], $monthgarm)) {
```

```
            $datagarm .= $monthgarm[$monthname[$i]]." ";
        }else{
            $datagarm .= "0 ";
        }
    }

}else{
    $trs .= "<tr>
        <td colspan = '3' class='text-center'>No Data</td>
    </tr>";
}
?>

<link rel="stylesheet" href="./css/costrep1.css">
<script src="./js/costrep1.js" defer></script>
<nav class="navbar navbar-expand-lg  py-4 px-4" style="background-color: #000">
            <div class="d-flex align-items-center">
                <i class="fas fa-align-left text-white fs-4 me-3" id="menu-toggle"></i>
                <h2 class="fs-2 m-0 text-white" id="Title">Cost Report</h2>
            </div>

            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
```

```
            data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent"
            aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
        </nav>
        <section class=" px-4 sect active d-flex justify-content-between flex-
wrap" id="s1">
          <div class=" col-md-6">
            <div class="canvas mt-3" id="canvaoutline">
              <canvas id="myChart" class="px-5"></canvas>
            </div>
          </div>
          <div class=" col-md-6">
            <form class="toppart d-flex justify-content-end my-3"
method="post">
              <div class="d-flex">
                <select class="form-select" id="selectyear"
name="selectedyear">
                  <option value="<?php echo $todayyear; ?>"
selected><?php echo $todayyear; ?></option>
                </select>
              </div>
            </form>
```

```
<form action="" class="lowerpart" method="post" id="formprint"
target="_blank">


<table class="table table-dark" id="specialtable">
<input type='hidden' id="inputsdata" name="secretitem"
value= "<?php echo $datagarm; ?>">
<thead>
<tr class='text-center'>
<th scope="col">Month</th>
<th scope="col">Total Employee Cost</th>
<th scope="col">Payslip</th>
</tr>
</thead>
<tbody>
<?php
echo $trs;


?>



</tbody>
<input type='hidden' name='magicthingy' id='magicthingyid'
value = ">
</table>
```

```
                    <input type="submit" style="display: none;"
name="costrepprint" id="costrepprintid">
                </form>
            </div>

        </section>
</nav>

<script>
    const selectiond = document.querySelector("#selectyear")
    let selectedd = document.getElementById("selectyear").value;

    let startingyear = 2020;


    for (let j = 0; j <  selectedd - startingyear ; j++) {

        let option = new Option(selectedd - (j+1));
        selectiond.add(option, undefined);
    }

</script>
```

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


    let valuesin = document.getElementById("inputsdata").value
    let myArray = valuesin.split(" ");

    let date1 = document.getElementById('selectyear').value;

    let ctx = document.getElementById('myChart');
    Chart.defaults.backgroundColor = 'pink';
    Chart.defaults.elements.bar.borderWidth = 2;
    Chart.defaults.font.size = 18;
    Chart.defaults.color = '#000';


    const chart = new Chart(ctx, {
        type: 'line',
        data: {
            labels: [ "Jan",'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul','Aug', 'Sep', 'Oct',
'Nov', 'Dec'],

            datasets: [{
                label: date1,
                data: myArray,
                backgroundColor:'#1f7953',
```

```
            fill: false,
            borderColor: 'rgb(75, 192, 192)',
            tension: 0.1
        }]
    },
    options: {
        responsive: true,
        maintainAspectRatio: false,
        plugins: {
            title: {
                display: true,
                text: 'Yearly Employee Cost'
            }
        },
        scales: {
            y: {
                beginAtZero: true
            }
        }
    }
});



$(document).ready(function(){
```

```
$("#selectyear").on('change',function(){
    var value = $(this).val();



    $.ajax({
        url:"./PHPS/costrepyearchange.php",
        type:"POST",
        data:'request=' + value ,



        beforeSend:function(){
        $("#specialtable").html("<span>Working ...</span>");
            },
        success:function(data){
            $("#specialtable").html(data);



            myArray = inputsdata.value.split(" ");
            date1 = document.getElementById('selectyear').value;



            chart.data.datasets.forEach((dataset) => {
                dataset.label = date1
```

```
                dataset.data = myArray
            });
            chart.update();

        }
    });

});

});
</script>
```

Leave Report

```
<?php

require($_SERVER['DOCUMENT_ROOT'].'/OCHADO/DATABASE/db.php
');
 date_default_timezone_set('Asia/Hong_Kong');// to change the time to
hongkong

 $sqlcode ="SELECT Emp_id, CONCAT(Last_name,' ',First_name) AS
Names FROM ochado_employees ORDER BY Last_name ASC";
 $optionsresult = mysqli_query($con, $sqlcode);

 if (isset($_SESSION["msgreques"])) {
```

```
    echo "<script>
    Swal.fire(
        'Success!',
        '".$_SESSION["msgreques"]."',
        'success'
    )
    </script>";
    unset($_SESSION["msgreques"]);
}



$optionval = "";
if (mysqli_num_rows($optionsresult) > 0) {
    while ($rows = mysqli_fetch_assoc($optionsresult)) {
        $names = $rows["Names"];
        $Emp_id = $rows["Emp_id"];
        $optionval.= "<option value='$Emp_id'>$names</option>";
    }
}else{
    $optionval.= "<option value='0'>No Option</option>";
}


?>
```

```
<link rel="stylesheet" href="./css/leaverep.css">
<link rel="stylesheet" href="./Tyler/leaverep_up1.css">
<link rel="stylesheet" href="./css/qweqwe12.css">

<script src="./js/textuppercase1.js" defer></script>

<nav class="navbar navbar-expand-lg  py-4 px-4" style="background-color: #000">
        <div class="d-flex align-items-center">
          <i class="fas fa-align-left text-white fs-4 me-3" id="menu-toggle"></i>
          <h2 class="fs-2 m-0 text-white" id="Title">Leave Report</h2>
        </div>

        <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
          data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent"
          aria-expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
      </nav>
      <section class=" px-4 sect active" id="s1">
        <div class="toppart d-flex justify-content-between my-3" >
```

```
                <div class="d-flex">
                    <input class="form-control me-2" type="search" id="searching"
placeholder="Search" aria-label="Search">
                    <button class="btn btn-success" id="searchingbtn"
type="button"><i class="fas fa-magnifying-glass"></i></button>
                </div>
                <div class="d-flex gap-3 slidebtn">
                    <a class="btn" id="Addemp" role="button" >
                        <i class="fa-solid fa-plus"></i>
                    </a>
                </div>



            </div>
            <form action="./PHPS/leavelogic.php" class="lowerpart d-flex"
method="POST" id="tableform">
                <table class="table table-dark text-center" id="specialtable">
                    <tr>
                        <th>Employee Name</th>
                        <th>Leave Details</th>
                        <th>Leave Date</th>
                        <th>Leave Duration (Days)</th>
                        <th>Status</th>
                        <th>Controls</th>
                    </tr>
```

```
<?php

$sqlcode = "SELECT a.*, CONCAT(b.Last_name,' ',b.First_name) AS Names FROM ochade_leave a, ochado_employees b WHERE a.Emp_id = b.Emp_id ORDER BY a.Leave_dates DESC;";
$result = mysqli_query($con, $sqlcode);


if (mysqli_num_rows($result) > 0) {
   $trs = "";
   while ($rows = mysqli_fetch_assoc($result)) {
      $name = $rows["Names"];
      $empid = $rows["Emp_id"];
      $ldate = $rows["Leave_dates"];
      $ldetail = $rows["Leave_type"];
      $status = $rows["Leave_status"];
      $duration = $rows["Duration"];
      $id = $rows["Leave_id"];


      $trs .= "
      <tr>
         <td id='b'>$name</td>
         <td id='b'>$ldetail</td>
```

```
                    <td id='b3'>$ldate</td>
                    <td id='b3'>$duration</td>
                    <td id='b4'>$status</td>
                    <td class='text-center d-flex justify-content-center'>
                      <input type ='submit' class='btn btn-danger' value='Delete' name='del' id='$id'>
                    </td>
                  </tr>";

            }
            echo $trs;
          }else{
            $trs = "<tr>
                      <td class='text-center' colspan = '6'>No Data</td>
                    </tr>";
            echo $trs;
          }
          ?>

        </table>
        <input type="hidden" name="deletethisid" id="deletethisid1">
      </form>
```

```
        </section>
</nav>

<div class="magic_opener">
   <div class="mboxbox">
      <form action="./PHPS/leavelogic.php" method="POST">
         <div class="form-floating mb-3">
            <select class="form-select" id="empname" name="empid" required aria-label="Floating label select example">
               <?php
                  echo $optionval;
               ?>
            </select>
            <label for="floatingSelect">Employee Name</label>
         </div>
         <div class="form-floating mb-3">
            <input type="text" class="form-control" name="ldetails" required id="leaved" placeholder="name@example.com">
            <label for="fname">Leave Details</label>
         </div>
         <div class="form-floating mb-3">
            <input type="date" class="form-control" name="ldate" required id="dol" placeholder="name@example.com">
            <label for="dob">Date of Leave</label>
         </div>
```

```
        <div class="form-floating mb-3">
            <input type="text" class="form-control" name="lduration"  required
id="leavedur" placeholder="name@example.com">
            <label for="lname">Leave Duration (Days)</label>
        </div>
        <div class="form-floating mb-3">
            <select class="form-select" id="status" name="lstatus" aria-
label="Floating label select example">
                <option value="APPROVED" selected>Approve</option>
                <option value="DENIED">Denied</option>
            </select>
            <label for="floatingSelect">Status</label>
        </div>
        <div class="d-flex justify-content-center slidebtn">
            <input type="submit" value="Save" name="Addbtn" class="btn">
            <input type="button" value="Cancel" name="Cancelbtn"
id="cancel" class="btn ms-3 cancelbtn">
        </div>
      </form>
   </div>
</div>

<script src="./js/newleave.js"></script>

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

```
$(document).ready(function(){

 $("#searching").on('change',function(){
    var value = $(this).val();

    $.ajax({
    url:"./PHPS/leavesearch.php",
    type:"POST",
    data: 'request=' + value,



    beforeSend:function(){
    $("#specialtable").html("<span>Working ...</span>");
        },
    success:function(data){
    $("#specialtable").html(data);
        }



    });
 });

 $("#searchingbtn").on('click',function(){
    var value = $("#searching").val();
```

```
        $.ajax({
        url:"./PHPS/leavesearch.php",
        type:"POST",
        data: 'request=' + value,



        beforeSend:function(){
        $("#specialtable").html("<span>Working ...</span>");
            },
        success:function(data){
        $("#specialtable").html(data);
            }



        });


      });



  });
</script>
```

Employee Attendance

```
<?php
```

```
require($_SERVER['DOCUMENT_ROOT'].'/OCHADO/DATABASE/db.php
');
   date_default_timezone_set('Asia/Hong_Kong');// to change the time to
hongkong


   $magicsdate = date_create("12/05/2022");
   $datetoday = date("Y/m/d");
   $date2 = date_create($datetoday);

   //check the difference between the date today and the starting date
   $diff = date_diff($magicsdate,$date2)->format("%a");

   $diffmod = $diff / 15;
   $startingdatepay = "";
   $enddatepay = "";


   // tell the month we are
   if ((int) $diffmod == 0) {
      $startingdatepay = $magicsdate;
      $testing = $startingdatepay->format('Y/m/d');
   }else{
      $startingdatepay   =      date('Y/m/d',strtotime("+".((((int)$diffmod)*15))."
day", strtotime('12/05/2022')));
```

```
    $testing = $startingdatepay;
}

$enddatepay = date('Y/m/d',strtotime("+15 day", strtotime($testing)));

$maindiff = date_diff(date_create($testing),$date2)->format("%a");

$dateender = $enddatepay;

$todaydaterange = $testing." - ".$enddatepay;


// for the arrays related in the range of date
function getBetweenDates($startDate, $endDate)
{
    $rangArray = [];

    $startDate = strtotime($startDate);
    $endDate = strtotime($endDate);

    for ($currentDate = $startDate; $currentDate <= $endDate;
                                $currentDate += (86400)) {

        $date = date('Y-m-d', $currentDate);
        $rangArray[] = $date;
```

```
    }

    return $rangArray;
  }

  $datearr = getBetweenDates($testing, $enddatepay);

  //print_r($datearr);

  $news =  $testing; // transform date into string




?>
<link rel="stylesheet" href="./css/empattendance1.css">
<link rel="stylesheet" href="./Tyler/empattendance1_up.css">

<nav class="navbar navbar-expand-lg  py-4 px-4" style="background-color: #000">
        <div class="d-flex align-items-center">
          <i class="fas fa-align-left text-white fs-4 me-3" id="menu-toggle"></i>
          <h2 class="fs-2 m-0 text-white" id="Title">Employee
```

```
Attendance</h2>
            </div>

            <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
                data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent"
                aria-expanded="false" aria-label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
        </nav>
        <section class=" px-4 sect active" id="s1">
            <div class="toppart d-flex justify-content-between align-items-center
my-3">
                <div class="d-flex">
                    <input class="form-control me-2" type="search" id="searching"
placeholder="Search" aria-label="Search">
                    <button class="btn btn-success" type="button"
id="searchingbtn"><i class="fas fa-magnifying-glass"></i></button>
                </div>
                <div>
                    <select class="form-select" aria-label="Default select example"
id="selectiondate">
                        <option value="<?php echo $todaydaterange; ?>"
selected><?php echo $todaydaterange; ?></option>
```

```
        </select>
    </div>
</div>

<form class="lowerpart d-flex   p-4" method="post">
    <table class="table" id="specialtable">
        <tr>
            <th>Employee Name</th>
            <div>
                <?php
                    $ths = "";
                    for ($j=0; $j < count($datearr) ; $j++) {
                        $ths .= "<th>$datearr[$j]</th>";
                    }
                    echo $ths;
                ?>

            </div>

        </tr>
        <?php

            $sqlcode = "SELECT Emp_id, CONCAT(Last_name, ', ',
First_name) AS Names FROM ochado_employees ORDER BY Last_name;";
            $result = mysqli_query($con,$sqlcode);
```

```
$trs = ""; // contains all of the tr tag
if ($result-> num_rows > 0) {
   while($rowid = $result->fetch_assoc()) {
   //setting variables
      $temparr = $datearr;
      $id = $rowid['Emp_id'];
      $name = $rowid['Names'];

      $trs .= "<tr> <td>$name</td>";

      $sqlcode = "SELECT Attendance_date FROM ochado_attendance WHERE Attendance_date >= '$news' AND Attendance_date <= '$enddatepay' AND Emp_id = '$id'  AND Time_out != 'NULL'
      ORDER BY `ochado_attendance`.`Attendance_date` ASC;";
      $result1 = mysqli_query($con,$sqlcode);

      if ($result1-> num_rows > 0) {
         $i = 0;
         $lastdate = ""; // tells the last date employee enters work
         while($rowdate = $result1->fetch_assoc()) {
```

```
                    for ($i; $i < count($datearr)-1 ; $i++) {
                        if ($datearr[$i] == $rowdate["Attendance_date"]) {
                            $trs .="<td class='text-center present text-success'>✓</td>";
                            $i += 1;
                            break;
                        }else{
                            $trs .="<td class='text-center absent'>X</td>";
                        }
                    }
                    $lastdate = $rowdate["Attendance_date"];
                }

                $maindiff = date_diff(date_create($lastdate),date_create($datetoday))->format("%a");

                for ($i=0; $i <= $maindiff -1  ; $i++) {
                    $trs .="<td class='text-center absent'>X</td>";
                }
            }else{
                for ($i=0; $i <= $maindiff ; $i++) {
                    $trs .="<td class='text-center absent'>X</td>";
                }
```

```
                    }
                    $trs .="</tr>";
                }
                echo $trs;//print the $trs
            } else {
                echo "<tr><td colspan='17' class='text-center'>No Data
</td></tr>";
            }

        ?>
    </table>
</form>
</section>
</nav>

<script>
    const selectiond = document.querySelector("#selectiondate")
    let selectedd = document.getElementById("selectiondate").value;
    let datearr = selectedd.split(" - ");

    console.log(datearr);
    let testd = datearr[0]

    let a = [];
    for (let i = 0; i < 3; i++) {
```

```
        let d = new Date(testd);
        d.setDate(d.getDate() -15);

        let datezero = d.getDate() > 0 && d.getDate() <=9 ? "0"+d.getDate() :
d.getDate()

        let val1 =  d.getFullYear()+ "/" + (d.getMonth()+1)+ "/" + datezero

        a[i] = [val1, testd]
        testd = val1
    }
    for (let j = 0; j < a.length; j++) {

        let option = new Option(a[j][0] + " - " + a[j][1],a[j][0] + " - " + a[j][1]);
        selectiond.add(option, undefined);
    }

/*
    let d = new Date(testd);
    console.log('Today is: ' + d.toLocaleString());
    d.setDate(d.getDate() -15);
    console.log('3 days ago was: ' + d.toLocaleString().split(",")[0]);
*/
</script>
```

```
<script type="text/javascript"
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></scri
pt>
<script type="text/javascript">
    $(document).ready(function(){
      $("#selectiondate").on('change',function(){
        var value = $(this).val();
        var value1 = $("#searching").val();
        //alert(value);

        $.ajax({
        url:"./PHPS/empatt.php",
        type:"POST",
        data:'request=' + value +'&searchreq=' + value1,


        beforeSend:function(){
        $("#specialtable").html("<span>Working ...</span>");
          },
        success:function(data){
        $("#specialtable").html(data);
          }
```

```
    });
});

$("#searching").on('change',function(){
    var value = $(this).val();
    var value1 = $("#selectiondate").val();
    //alert(value);

    $.ajax({
    url:"./PHPS/empatt.php",
    type:"POST",
    data: 'request=' + value1 +'&searchreq=' + value,


    beforeSend:function(){
    $("#specialtable").html("<span>Working ...</span>");
        },
    success:function(data){
    $("#specialtable").html(data);
        }


    });
});
```

```
$("#searchingbtn").on('click',function(){
    var value = $("#searching").val();
    var value1 = $("#selectiondate").val();
    //alert(value);

    $.ajax({
    url:"./PHPS/empatt.php",
    type:"POST",
    data:'request=' + value1 +'&searchreq=' + value,

    beforeSend:function(){
    $("#specialtable").html("<span>Working ...</span>");
        },
    success:function(data){
    $("#specialtable").html(data);
        }

    });

});

});
```

</script>

6.0 System Coding

6.1 Programming Language

In developing the system, the proponents utilized HTML, CSS, JavaScript, PHP, and SQL as the programming languages. HTML, CSS and Bootstrap were used for the design and layout of the system, while JavaScript, PHP and SQL were used for creating the logic and functionality of the system.

6.2 Special Purpose Language Tools

During the development of the system, the researchers used XAMPP as the database for the Web-based Payroll with Attendance Monitoring of Ochado Milk Tea Shop Bucandala Branch

7.0 System Testing Plan

7.1 Testing Stages

The proponents used a trial-and-error method during testing. They would test the system during client meetings to identify and correct any errors, in an effort to reduce the potential for future errors.

7.2 Testing Schedules

Due to conflicting schedules between the system proponents and the client, there is no fixed schedule for conducting joint testing. Testing is performed when both parties are able to coordinate and meet. During these sessions, the client conducts tests and provides feedback on any errors identified. The proponents then make necessary revisions and repeat the process until the system is deemed functional and error-free.

8.0 System Implementation Plan

8.1 Resource Requirements

8.1.1 Hardware Requirements

- Laptop
- Keyboard
- Mouse
- Internet

8.1.2 Software Requirements

- Windows 10
- Visual Studio Code
- XAMPP

8.1.3 Human Resource Requirements

- Computer Literate User
- Digital Literacy

8.2 Implementation Plan

8.2.1 Site Implementation

The user's experience on the site should be pleasant, with minimal distractions and a comfortable environment that allows for clear understanding and concentration while using the proposed system. The website should also have the necessary computer equipment for utilizing the system.

8.2.2 Personnel Training

Once the system was implemented, the proponents will train personnel who is proficient in using computers. After the personnel were trained, this person will be responsible for operating and maintaining the system. The system has been designed to be user-friendly, so that it is easy for the person managing it to use.

8.2.3 System Conversion

The proponents enhanced the existing manual system with a computerized one. This new system improves the accuracy of payroll and attendance tracking by precisely recording the working hours of each employee and automatically computing their wages or salaries.

8.2.4 Data Conversion

The proponents enhanced the manual data used in the existing system into computer data. These data will be stored in a database in which it will be

secured from unauthorized person who is using the system.

8.2.5 Implementation Schedule

Once the system was built, installed, and tested, the proponents will implement the system at the Ochado Alapan 1C Harvest Market Bucandala Branch. This implementation will allow the proponents and the client to evaluate the system's performance and identify any potential issues or errors.

9.0 System Maintenance Plan

Once the new system was implemented and tested, there may be issues that arise in the future. To address this, the proponents will provide the client with a contact number for assistance in case they have difficulty using the system.

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