

**Web-based Attendance System using QR Scan and SMS technology**

**A Final Project Presented to the Faculty of the  
Technological Institute of the Philippines  
College of Information Technology Education  
1338 Arlegui St., Quiapo, Manila**

**In Partial Fulfillment of the Requirements for the Degree of  
Bachelor of Science in Computer Science**

**By**

**Penera, Dimple Fe A.**

**Mibulos, Chelsy Marie B.**

**Doniego, Freddie C.**

**Gacela, Sean Roger A.**

**September 2022**

## **INTRODUCTION**

Attendance Checker using QR Code and SMS Notification, a revolutionary product that is able to approach the whole entire school administration. When effective, Attendance Checker can dramatically improve the school performance not only that but the students as well. It is also necessary and essential to design the product to implement the strategy effectively.

When the project was provided to us by our professor we suggested different types of innovative ideas for the group that we can design but what was the first question that came to our mind? It was the problem that students kept cutting classes or not attending at all. And so we came to a conclusion that we should make an attendance system that uses a QR code just like from the entrance from our school and also an sms system that sends a message to the number that is registered to the particular student.

During the development of this software project, We managed to put it together to make an Attendance Checker using QR Code that we made and also an sms notification that sends a time-in and time-out schedule for the number that is registered for the student. So what is the purpose of this development of ours? It's to establish an approachable and friendly environment for the whole faculty and students. It reduces absenteeism much effectively, when you know your attendance is tracked, you'll aim to limit your unjustified absences. It provides the data that shows how productive you are. Our Application is different from others because it has an sms notification system that sends directly to the number that is registered so that if they did cut or didn't attend a class the user that is registered will definitely know what's going on.

## SOFTWARE



**PHP** (*recursive acronym for PHP: Hypertext Preprocessor*) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

Instead of lots of commands to output HTML (as seen in C or Perl), PHP pages contain HTML with embedded code that does "something" (in this case, output "Hi, I'm a PHP script!"). The PHP code is enclosed in special start and end processing instructions <?php and ?> that allow you to jump into and out of "PHP mode."

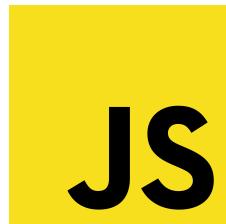
The best part about using PHP is that it is extremely simple for a newcomer, but offers many advanced features for a professional programmer. Don't be afraid to read the long list of PHP's features. You can jump in, in a short time, and start writing simple scripts in a few hours.

The developers chose PHP as our platform because PHP makes it easy to connect securely with almost any kind of database. This gives developers more freedom when choosing which database is best suited for the application being built.



**phpMyAdmin** is a free software tool written in PHP, intended to handle the administration of MySQL over the Web. phpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

We also chose this platform because it has an intuitive web interface, and also it support for most MySQL features: browse and drop databases, tables, views, fields and indexes create, copy, drop, rename and alter databases, tables, fields and indexes maintenance server, databases and tables, with proposals on server configuration execute, edit and bookmark any SQL-statement, even batch-queries manage MySQL user accounts and privileges manage stored procedures and triggers. Might as well as import the SQL for the database as our database for the tables in the program.



**JavaScript.** This remains the most popular programming language of them all, and has been around for almost as long as PHP. JavaScript is primarily a client-side language, and therefore not directly comparable with PHP, though the rise of Node.js and other frameworks enables developers to write server-side scripts with JavaScript. Both languages have huge communities and are highly versatile, though only JavaScript allows for full-stack development. On the other hand, PHP is easier to learn and maintain, so using it could mean lower development costs.

The JS was used for the buttons and inputs of our program where it can be easily studied from the database.



With **Amazon SNS**, you can send SMS (text) messages to 200+ countries and for an expanded set of use-cases such as Multi-Factor Authentication (MFA) and One Time Passwords (OTP). Amazon SNS has no upfront costs and you can pay as you go. With Amazon SNS, you can also mark your SMS messages as Transactional or Promotional based on the use-case and content of your messages. To learn more about message types, visit the FAQs.

We used this sms system as our verification system where one of our developer created an account to take a trial stage for numbers to be registered and verified because the philippines sms doesn't have the required details and it is needed to be registered but there's a catch If we are registered we are using another server for the sms which is the closest one available and that is singapore so the signal is faster and durable.



**MySQL** is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter My and "SQL", the abbreviation for Structured Query Language. A relational database organizes data into one or more data tables in which data may be related to each other; these relations help structure the data.

We used MySQL because it helps you store all your blog posts, users, plugin information, etc. It stores that information in separate “tables” and connects it with “keys”, which is why it’s relational.

## MANUAL OF USING SYSTEM

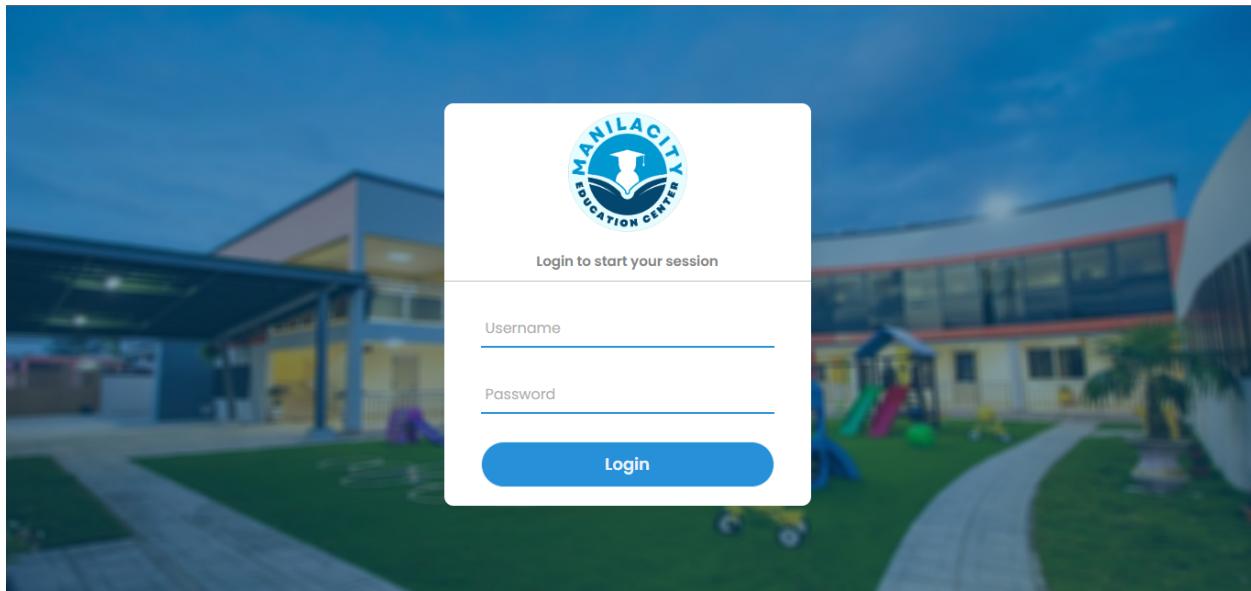


Figure 1. Login page

This is the login page of the system. You can log in 2 different type of account here. The first one is for the admin and the second one is for the instructors' accounts. The background of this application is not changeable.

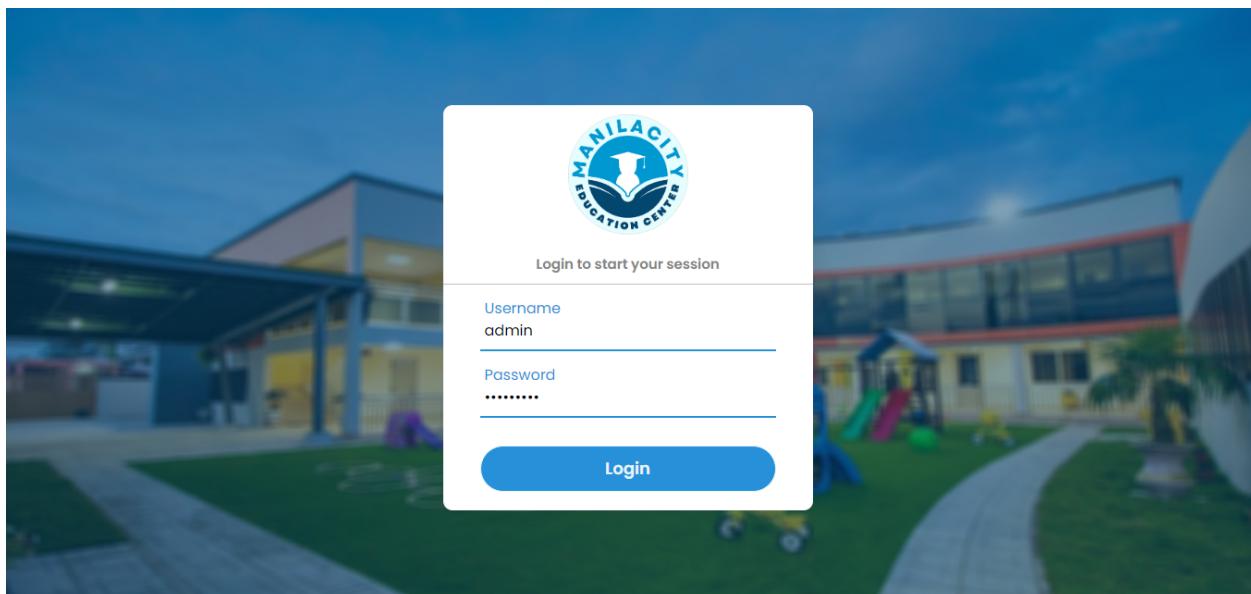


Figure 2. Logging in using the admin account

This is how it looks like if we input the username and the password.

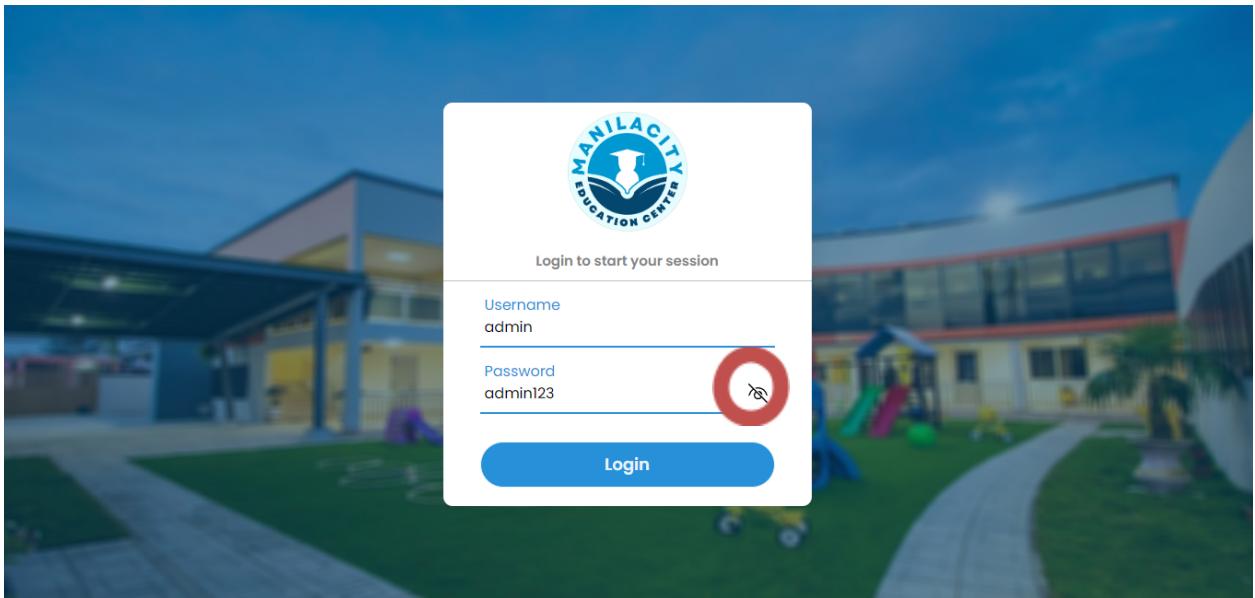


Figure 3. Demonstration on how to show the password

If we click the eye icon in the password, we can see the password that we inputted.



Figure 4. Dashboard

As we logged in the admin account, we will be directed in the dashboard wherein it display the number of students registered in the database and the number of teachers/instructor recorded.

The screenshot shows a web application interface for managing instructors. On the left is a sidebar with a logo for 'MANILA CITY EDUCATION CENTER' and links for 'Dashboard', 'Instructors', 'Students', 'Reports', and 'Logout'. The main content area has a title 'Instructor Details' and a table with columns: First Name, Last Name, Email, School year, and Action. There are two rows of data:

First Name	Last Name	Email	School year	Action
Admin	Admin	admin@example.com	2022-2023	
Dimple	Penera	d@gmail.com	2022-2023	

The URL in the browser address bar is 'localhost/project/AttendanceSystem/instructor-tab/index.php#'

Figure 5. Instructors

In instructor tab, it display the information of the instructors and admin that are recorded in the database.

This screenshot is similar to Figure 5, showing the 'Instructor Details' page. A red circle highlights the blue 'View' button in the 'Action' column for the second row, which corresponds to the 'Dimple' entry. The rest of the interface and data are identical to Figure 5.

Figure 6. View Button

Instructor View Details

Instructor First Name  
Dimple

Instructor Last Name  
Penera

Instructor Email  
d@gmail.com

Instructor School Year  
2022-2023

**BACK**

Figure 7. View details of the Student

This is the view button wherein we can see the information of the instructor. If we click back button in the upper right, we will be directed again in the previous page.

Instructor Details

Add Instructor

First Name	Last Name	Email	School year	Action
Admin	Admin	admin@example.com	2022-2023	
Dimple	Penera	d@gmail.com	2022-2023	

localhost/orientAttendanceSystem/instructorTab/index.php#

Figure 8. Edit button

The screenshot shows the 'Instructor Edit' form. It includes fields for Instructor First Name (Dimple), Instructor Last Name (Penera), Instructor Email (d@gmail.com), and Instructor School Year (2022-2023). A blue 'Update Instructor' button is at the bottom. The background features a blurred image of a classroom.

Figure 9. Editing/Updating the information of a student

For the edit button, we can modify the information of the instructor.

The screenshot shows the 'Instructor Edit' form with the 'Update Instructor' button circled in red. The other fields (First Name, Last Name, Email, School Year) are identical to Figure 9.

Figure 10. Clicking the Update Instructor Button

Then click the update instructor if we are done editing.

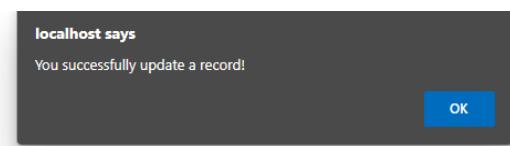


Figure 11. Alert message for update a record

There will be an alert that will appear if it successfully edited.

The screenshot shows a left sidebar with a logo and navigation links: Welcome Admin, Dashboard, Instructors (selected), Students, Reports, and Logout. The main content area is titled 'Instructor Details' and displays a table of two rows. The columns are First Name, Last Name, Email, School year, and Action. The first row has values Admin, Admin, admin@example.com, 2022-2023, and three icons. The second row has values Dimple, Penera, d@gmail.com, 2022, and three icons. At the top right of the table is a blue button labeled 'Add instructor' with a red circle drawn around it.

Figure 12. Add Instructor Button

If we click the add instructor, we will be directed to the page for add instructor.

The screenshot shows the same left sidebar as Figure 12. The main content area is titled 'Instructor Add' and contains seven text input fields: Instructor First Name, Instructor Middle Name, Instructor Last Name, Instructor Email, Instructor Username, Instructor Password, and Instructor School Year. Below these fields is a dark blue 'Save Instructor' button. In the top right corner of the form area is a small 'BACK' button.

Figure 13. Add Instructor

This is the add instructor, we can input in the text field here.

The screenshot shows the 'Instructor Add' form. The left sidebar has a logo for 'MANILA CITY EDUCATION CENTER' and navigation links for 'Welcome Admin', 'Dashboard', 'Instructors', 'Students', 'Reports', and 'Logout'. The main form has the following fields:

- Instructor First Name: Mar Eli
- Instructor Middle Name: M
- Instructor Last Name: Sagsagat
- Instructor Email: sagsagat@gmail.com
- Instructor Username: mareli
- Instructor Password: (redacted)
- Instructor School Year: 2022-2023

A blue 'Save Instructor' button is at the bottom.

Figure 12. Add Instructor Filled in text field

As we field the textbox, this is what it looks like.

The screenshot shows the same 'Instructor Add' form as Figure 12, but with an error message. The 'Instructor Email' field contains 'sagsagat'. A yellow warning box appears next to the 'Instructor Username' field, containing the text: 'Please include an '@' in the email address. 'sagsagat' is missing an '@'.' The rest of the form and sidebar are identical to Figure 12.

Figure 13. Warning Message

if we didn't include the "@" in the email, it will display a warning that we should include the @ sign. After editing , we can now click the save instructor.

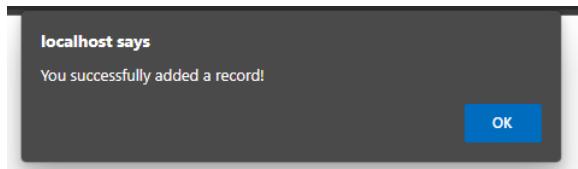


Figure 14. Alert message for Add Instructor

There is also an alert message that it successfully added a record.

A screenshot of the "Instructor Details" page. On the left is a sidebar with the "MANILACITY EDUCATION CENTER" logo and navigation links: Welcome Admin, Dashboard, Instructors, Students, Reports, and Logout. The main content area shows a table titled "Instructor Details" with columns: First Name, Last Name, Email, School year, and Action. The table contains three rows of data: 1. Admin, Admin, admin@example.com, 2022–2023. 2. Dimple, Penera, d@gmail.com, 2022. 3. Mar Eli, Sagsagat, sagsagat@gmail.com, 2022–2023. Each row has an "Action" column with three icons: edit, user, and delete. A large blurred background image of a classroom is visible behind the table.

Figure 15. New Instructor's Information

It is now reflected in our database.

A screenshot of the "Instructor Details" page, identical to Figure 15. The table shows the same three rows of data. However, a red circle highlights the delete icon in the "Action" column for the third row (Mar Eli). The large blurred background image of a classroom is visible.

Figure 16. Delete button

We can also delete the record of the instructor. However, it deletes permanently.

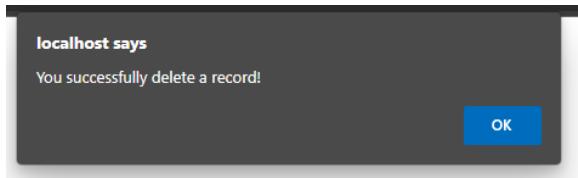


Figure 17. Delete button alert message

There is an alert message if we deleted it.

A screenshot of a web application interface. On the left is a sidebar with the "MANILA CITY EDUCATION CENTER" logo and navigation links: "Welcome Admin", "Dashboard", "Instructors", "Students", "Reports", and "Logout". The main content area has a blurred background image of a classroom. A table titled "Instructor Details" is displayed. The table has columns: First Name, Last Name, Email, School year, and Action. It contains two rows of data:

First Name	Last Name	Email	School year	Action
Admin	Admin	admin@example.com	2022-2023	
Dimple	Penera	d@gmail.com	2022	

Figure 18. Reflected information in the Table

It successfully removed the information of the instructor.

For the student tab, we will see that it displayed the list of the students.

The screenshot shows the 'Student Details' page. On the left is a sidebar with the 'MANILACITY EDUCATION CENTER' logo and navigation links: Welcome Admin, Dashboard, Instructors, Students (selected), Reports, and Logout. The main area has a title 'Student Details' and a 'Add Students' button. Below is a table with columns: Name, Student ID, Section, and Action. The data is as follows:

Name	Student ID	Section	Action
Erica Penera	2011536	CS	[Eye, Edit, Delete]
Shania Bernabe	2043562	CS	[Eye, Edit, Delete]
John Lenard Nocum	2011347	CS	[Eye, Edit, Delete]
Marie Cris	2011634	CS	[Eye, Edit, Delete]
Uriel Alonso	2010985	CS	[Eye, Edit, Delete]
Rik Doniego	2011611	CS	[Eye, Edit, Delete]
Sean Gacela	2011407	CS	[Eye, Edit, Delete]
Dimple Penera	2011537	CS	[Eye, Edit, Delete]

Figure 19. Student Tab

Same with the functions of the buttons in the instructor tab, we can see the three actions which are the view, edit, add, and delete. For viewing the information of the student, we will click the eye button.

This screenshot is identical to Figure 19, showing the 'Student Details' page. A red circle highlights the 'Eye' icon in the 'Action' column for the first student, Erica Penera. The rest of the interface and data are the same as in Figure 19.

Figure 20. View button

**Student View Details**

Student's Name  
Erica Penera

Student ID  
2011536

Student's Section  
CS

Student's Contact Number  
+63099523324254

**BACK**

Figure 21. View Page

**Student Details**

Add Students

Name	Student ID	Section	Action
Erica Penera	2011536	CS	
Shania Bernabe	2043562	CS	
John Lenard Nocum	2011347	CS	
Marie Cris	2011634	CS	
Uriel Alonso	2010985	CS	
Rik Doniego	2011611	CS	
Sean Gacela	2011407	CS	
Dimple Penera	2011537	CS	

Figure 22. Edit button

Welcome Admin

Dashboard

Instructors

Students

Reports

Logout

Edit Student

Student's Name

Erica Penera

Student Number

+63099523324254

Student Section

CS

Update Student

Figure 23. Edit page

After editing the information, there will be an alert message that we successfully updated the information of the student.

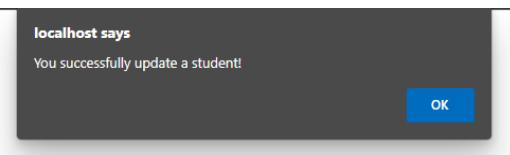


Figure 24. Alert message for edit

Name	Student ID	Section	Action
Erica Penera	2011536	CS31S1	

Figure 25. Field edited

In adding student, we will click the button in the upper right corner of the page.

The screenshot shows a dashboard for 'MANILA CITY EDUCATION CENTER'. On the left, there's a sidebar with 'Welcome Admin' and links for 'Dashboard', 'Instructors', 'Students' (which is selected), 'Reports', and 'Logout'. The main area is titled 'Student Details' and displays a table of student records:

Name	Student ID	Section	Action
Erica Penera	2011536	CS	
Shania Bernabe	2043562	CS	
John Lenard Nocum	2011347	CS	
Marie Cris	2011634	CS	
Uriel Alonso	2010985	CS	
Rik Doniego	2011611	CS	
Sean Gacela	2011407	CS	
Dimple Penera	2011537	CS	

A blue button at the top right of the table area is labeled 'Add Students' and is circled in red.

Figure 26. Add Students button

The add button will looks liked this.

The screenshot shows the 'Add Student' form overlaid on a classroom background. The form fields are:

- Your Name: ENTER Name
- Your STUDENT ID: ENTER STUDENTID
- GUARDIAN CONTACT NUMBER: ENTER CONTACT NUMBER
- Your Section: Section

Below the form are three buttons: a large blue 'Click me to Contact' button, a blue 'Convert' button, and a red 'Back' button.

Figure 27. Add Student page

When we fill out the text field, we will click the click me to contact and it will record the information. After adding, there will be an alert message.

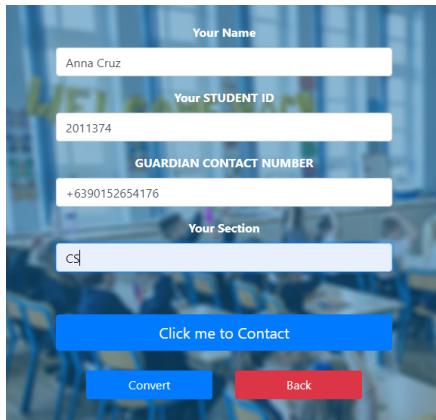


Figure 28. Adding Students

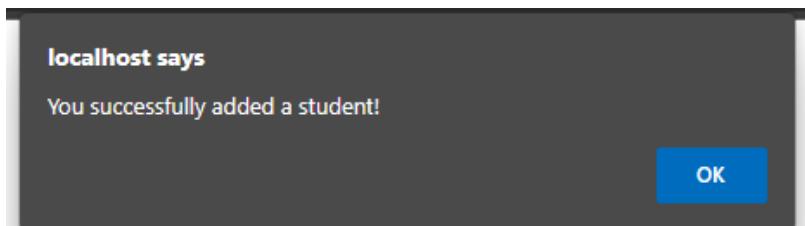


Figure 29. Alert for add students

Then we will click the convert to have the qr code of the student.



Figure 30. Generating qr code

You will see that there is a generated qr code for the student that need for the attendance scanning.

Erica Penera	2011536	CS31S1	
Shania Bernabe	2043562	CS	
John Lenard Nocum	2011347	CS	
Marie Cris	2011634	CS	
Uriel Alonso	2010985	CS	
Rik Doniego	2011611	CS	
Sean Gacela	2011407	CS	
Dimple Penera	2011537	CS	
Anna Cruz	2011374	CS	

Figure 31. Successfully added and reflected to the table

It is already reflected.

Name	Student ID	Section	Action
Erica Penera	2011536	CS31S1	
Shania Bernabe	2043562	CS	
John Lenard Nocum	2011347	CS	
Marie Cris	2011634	CS	
Uriel Alonso	2010985	CS	
Rik Doniego	2011611	CS	
Sean Gacela	2011407	CS	
Dimple Penera	2011537	CS	

Figure 32. Delete of student's information

If we click the delete button, the student's information will be removed in the list.

For the reports, it prints the information of student and can be downloaded in pdf.

MANILA CITY EDUCATION CENTER				
STUDENT REPORT				
ID	Name	SECTION	STUDENTID	CONTACTNUMBER
2	Erica Penera	CS31S1	2011536	+63099523324254
4	Shania Bernabe	CS	2043562	+6309651253435
6	John Lenard Nocum	CS	2011347	+6309273667253
12	Marie Cris	CS	2011634	+6309152654176
13	Uriel Alonso	CS	2010985	+6309555462924
14	Rik Doniego	CS	2011611	+6309156412142
15	Sean Gacela	CS	2011407	+6309454619285
18	Dimple Penera	CS	2011537	+6309152654176

Figure 33. Report button

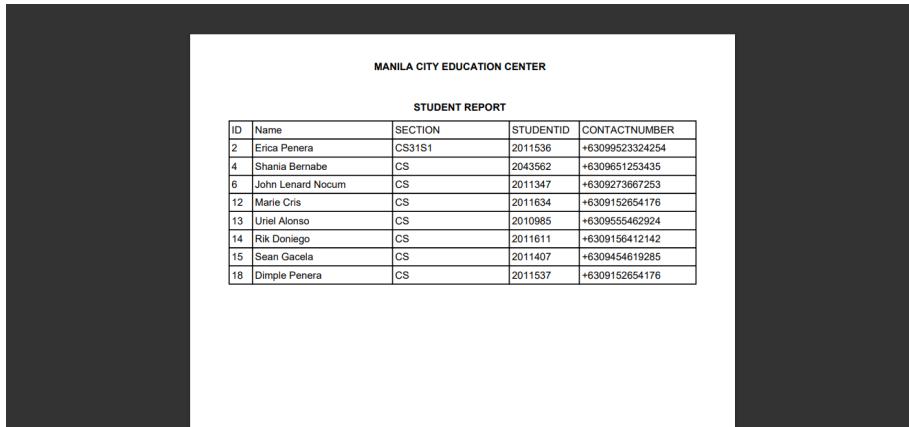


Figure 34. Convert to pdf

It converts the file to pdf and ready to download.

Logout button will sign out the admin account.

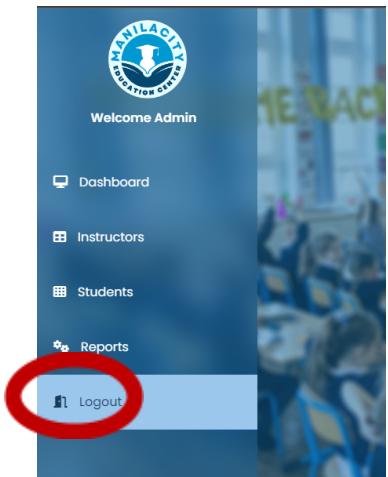


Figure 35. Logout button

For logging in the instructor account, this will direct us to the page that was intended for the instructor.

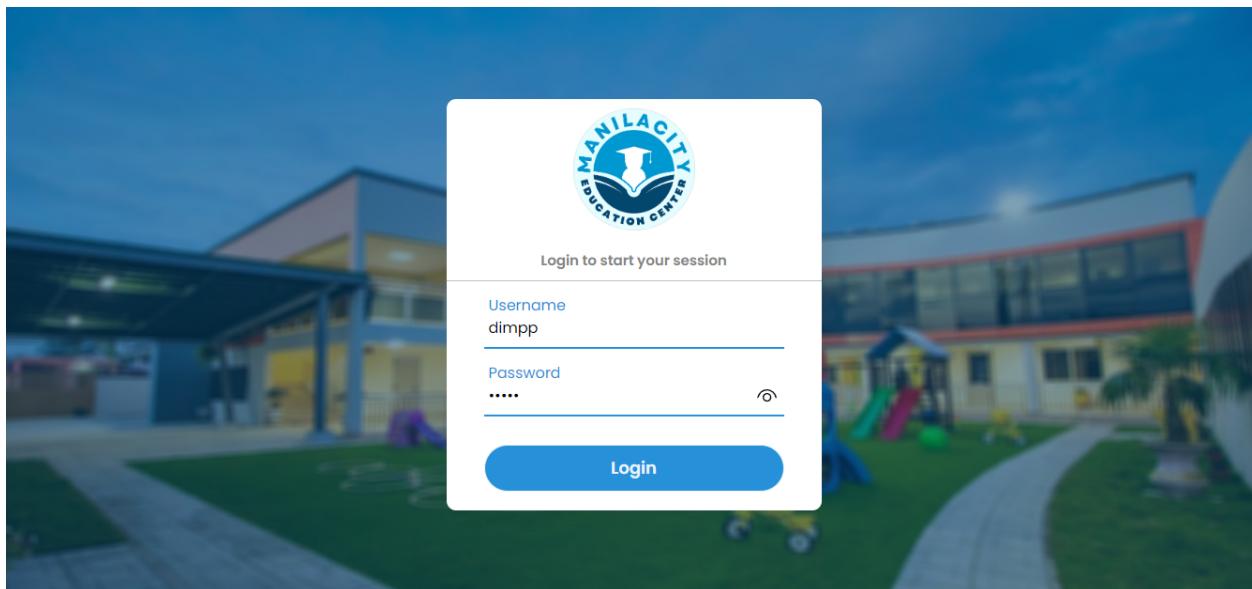


Figure 36. Logging in the instructor's account

This is the first page that we will see.

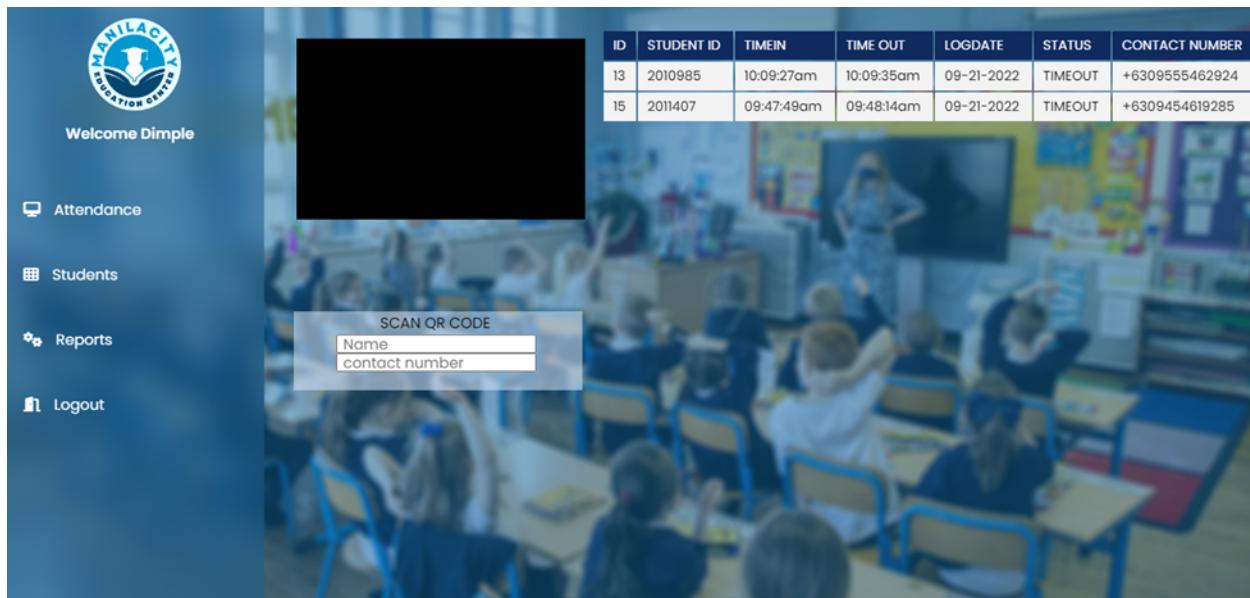


Figure 37. Attendance Page

This is the page for scanning the qr of the student.

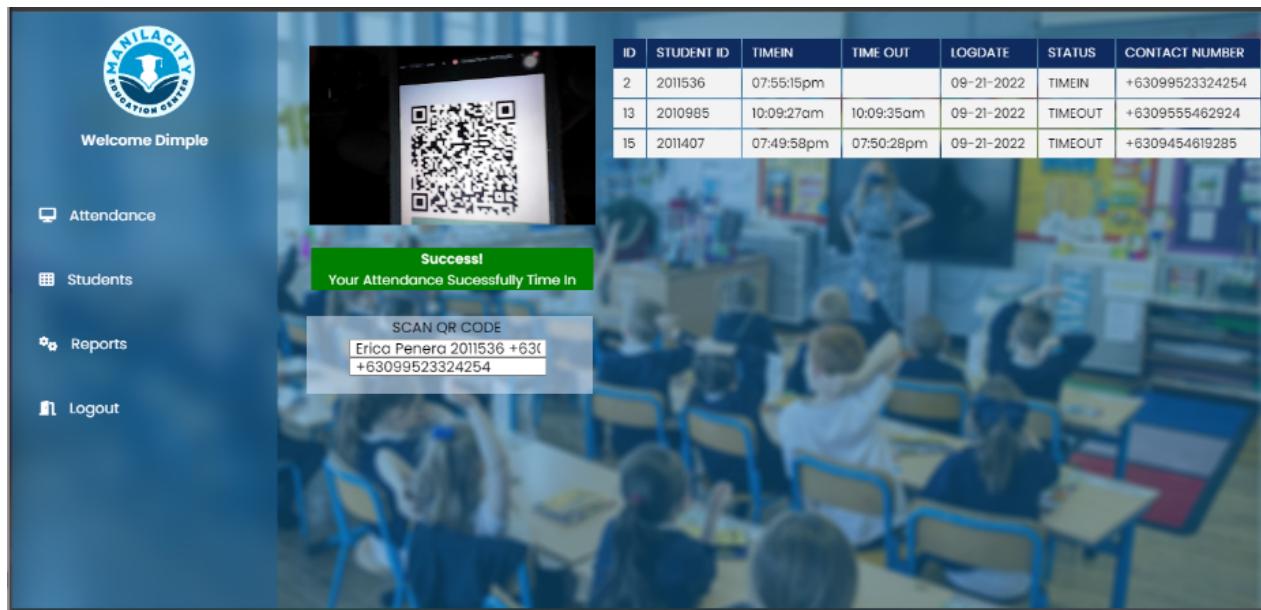


Figure 38. Successfully scanned the qr and records the time in

After scanning the qr code of the student, it reflects to the table that the student with the student id of 2011536 is already time in.

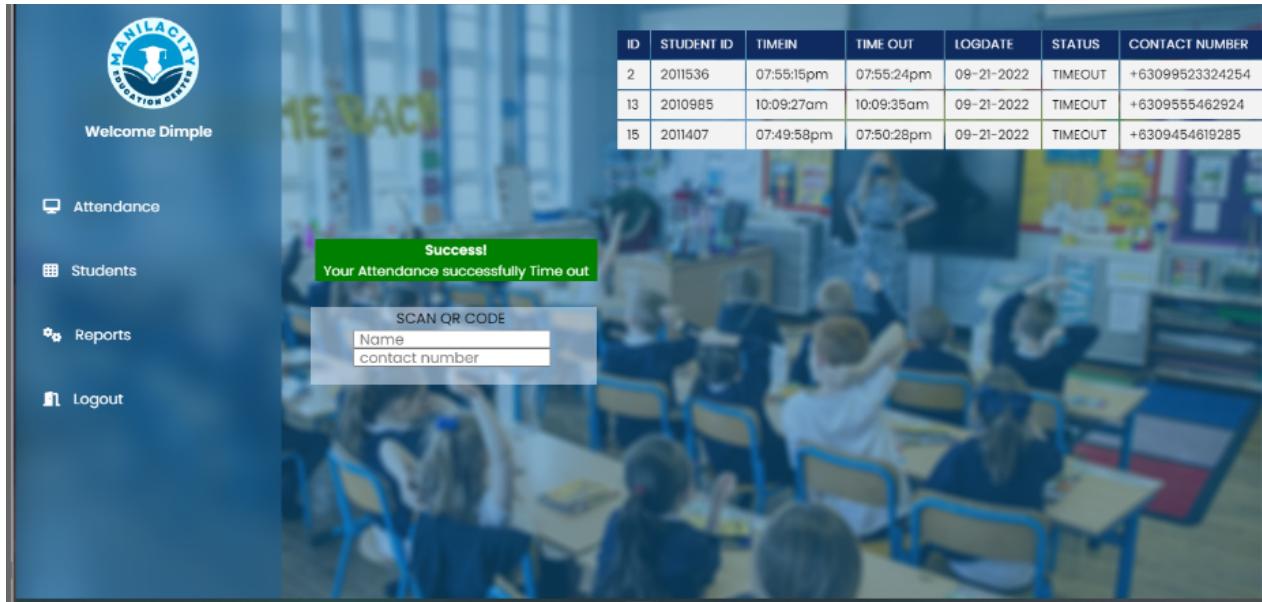


Figure 39. Successfully scanned the qr and records the time out

After scanning again, it time out the student.

This is the text message that sends to the contact number of the guardian.

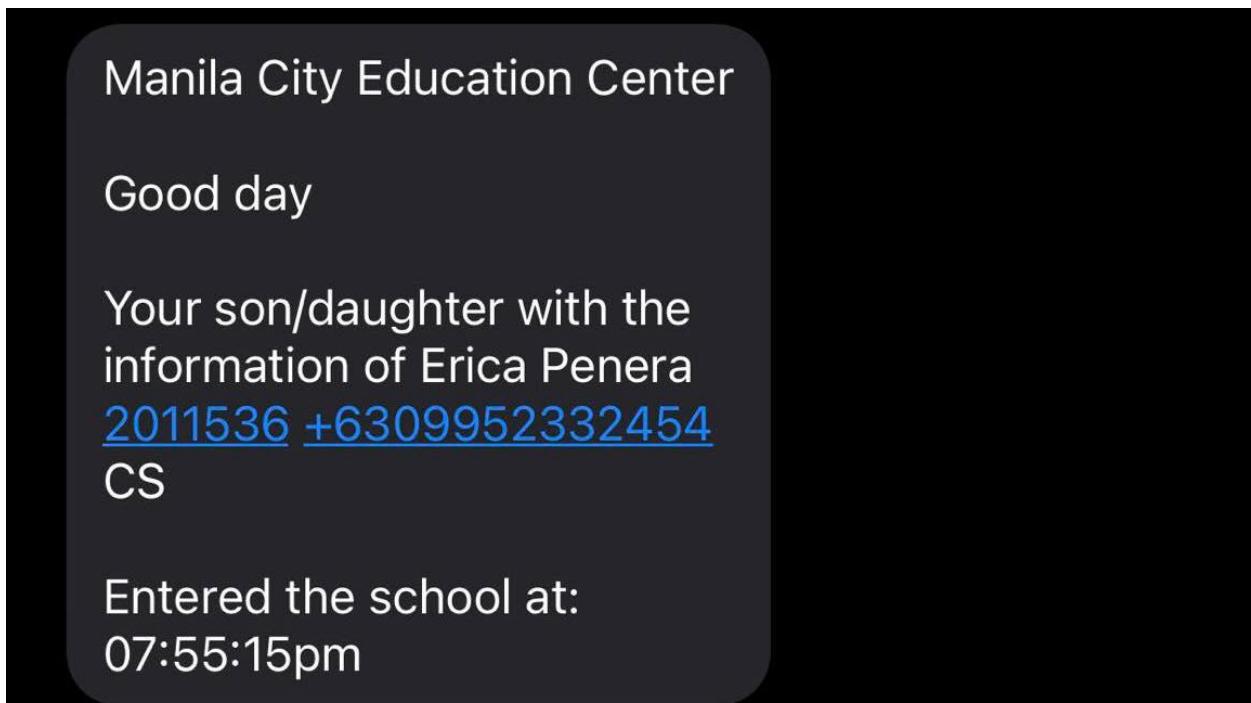


Figure 40. Text message after scanning the qr for time in

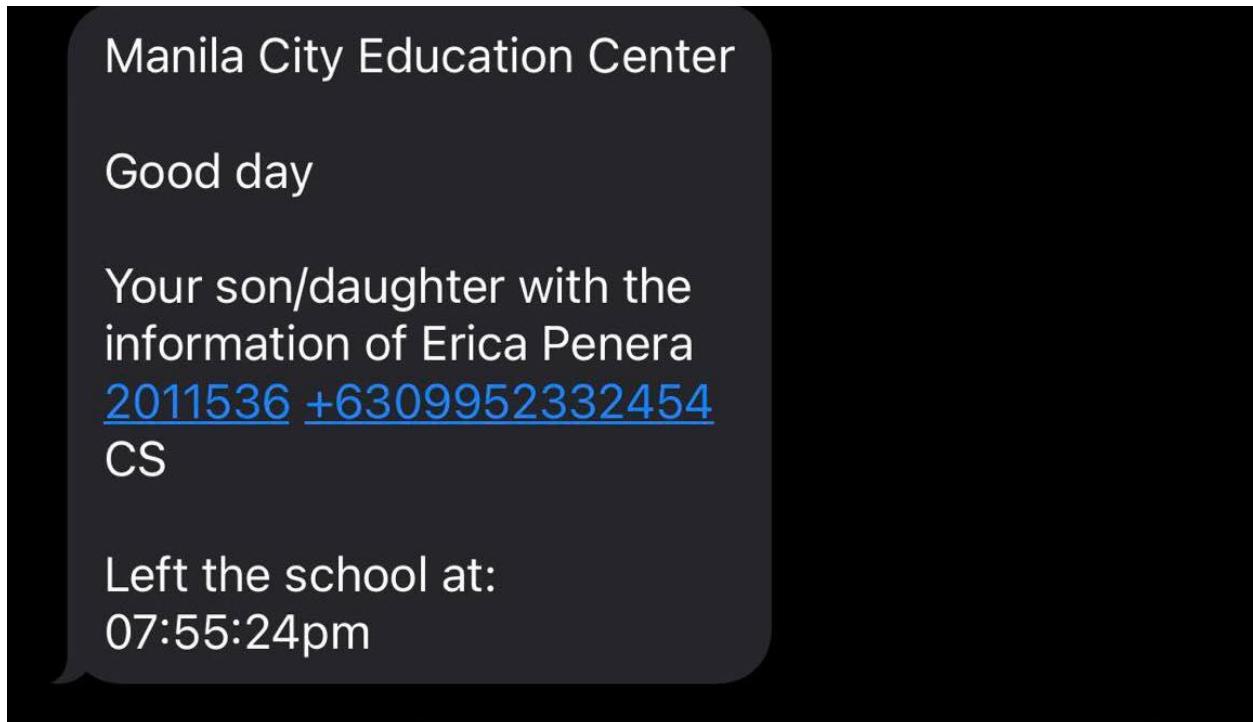


Figure 41. Text message after scanning the qr for time out

The image shows a screenshot of a web application titled "MANILA CITY EDUCATION CENTER". The left sidebar has a logo and navigation links: "Welcome Dimple", "Attendance", "Students", "Reports", and "Logout". The main content area is titled "Student Details" and contains a table with the following data:

Name	Student ID	Section	TIME IN	TIME OUT	DATE	Action
Erica Penera	2011536	CS31S1	07:55:15pm	07:55:24pm	09-21-2022	
Uriel Alonso	2010985	CS	10:09:27am	10:09:35am	09-21-2022	
Sean Gacela	2011407	CS	07:49:58pm	07:50:28pm	09-21-2022	

Figure 42. Student Tab

The list of students who are inside the campus will be reflected in the table with the time in and timeout, also with the date.

The screenshot shows a student management system interface. On the left is a sidebar with the Manilacity Education Center logo and navigation links: Welcome Dimple, Attendance, Students, Reports, and Logout. The main content area is titled "Student Details" and displays a table of student attendance records. The table has columns for Name, Student ID, Section, TIME IN, TIME OUT, DATE, and Action. Three student entries are listed: Erica Penera, Uriel Alonso, and Sean Gacela. Each entry has two circular edit icons in the Action column, one with a pencil and one with a person icon. The entire row for each student contains these edit icons. A red circle highlights the edit icons for the first student, Erica Penera.

Name	Student ID	Section	TIME IN	TIME OUT	DATE	Action
Erica Penera	2011536	CS3ISI	07:55:15pm	07:55:24pm	09-21-2022	
Uriel Alonso	2010985	CS	10:09:27am	10:09:35am	09-21-2022	
Sean Gacela	2011407	CS	07:49:58pm	07:50:28pm	09-21-2022	

Figure 43. View and edit button

The view and edit button will be the same as the admin account.

The screenshot shows a student edit form. The sidebar on the left is identical to Figure 43. The main content area is titled "Student Edit". It contains four input fields: "Student's Name" with value "Erica Penera", "Student Number" with value "+63099523324254", "Student Section" with value "CS3ISI", and a "Update Student" button. In the top right corner of the form area, there is a "BACK" link.

Figure 44. Edit Page

In the instructor's account, we can't delete the record of the student. Only the admin can do this action.

In adding new students, it has the same function as what we see in the admin account.

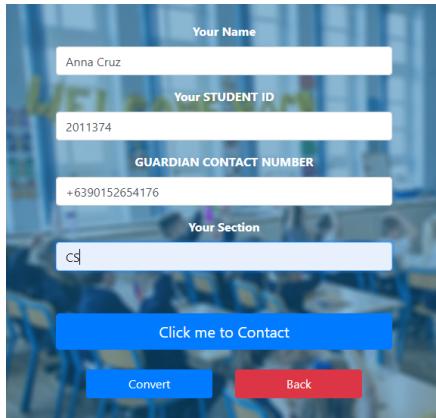


Figure 45. Adding of student

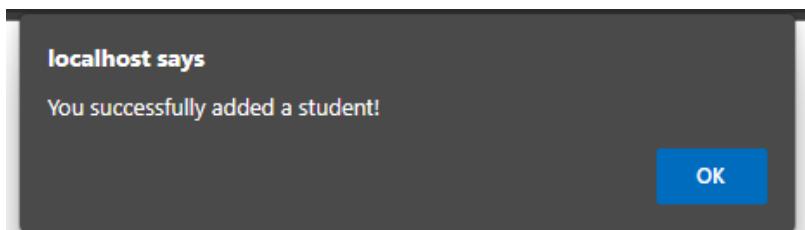


Figure 46, Alert message

Then we will click the convert to have the qr code of the student.



Figure 45. Generate Qr

The view all list button will allow us to view all the student list in the database.

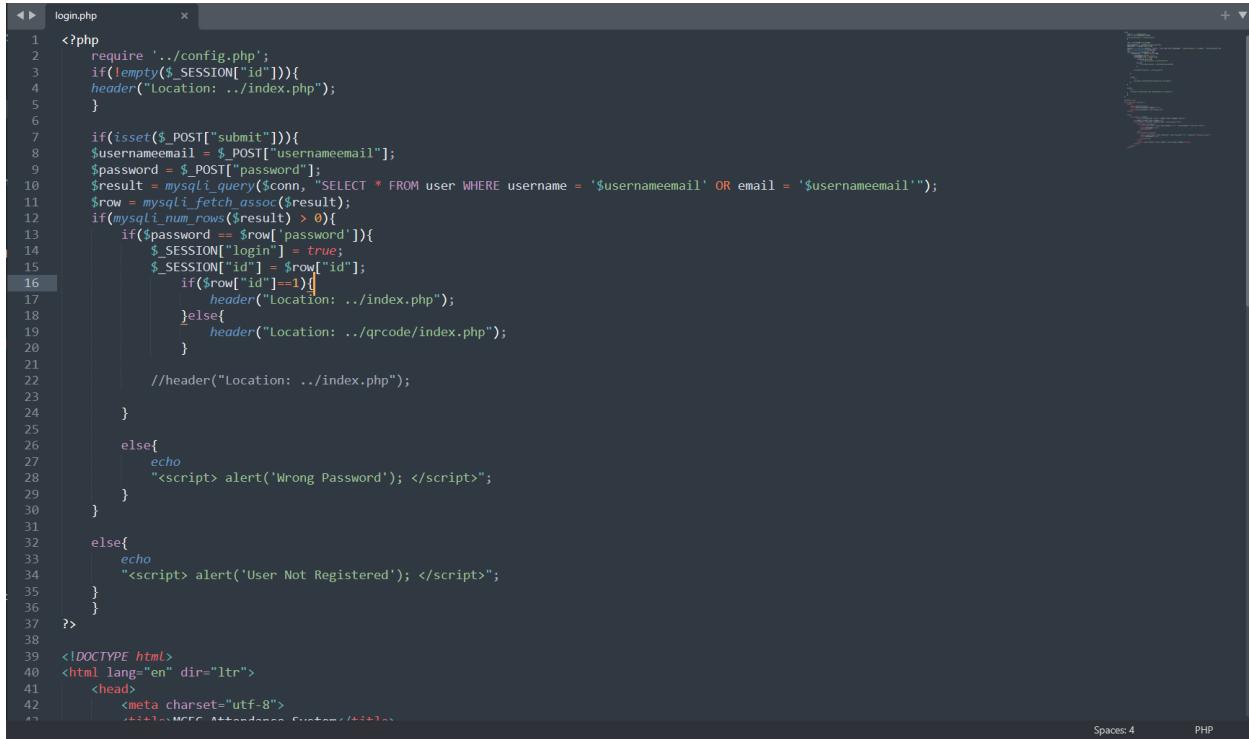
The screenshot shows a mobile application interface for the Manila City Education Center. On the left is a vertical sidebar with a circular logo at the top and five menu items: "Attendance", "Students", "Reports", and "Logout". The main content area is titled "Student List" and displays a table of student records. The table has columns for "Name", "Student ID", "Section", and "Action". Each row contains a student's name, their student ID, their section (e.g., CS31S1, CS), and two small blue icons in the "Action" column. A "Back" button is located in the top right corner of the content area.

Name	Student ID	Section	Action
Erica Penera	2011536	CS31S1	[Edit] [View]
Shania Bernabe	2043562	CS	[Edit] [View]
John Lenard Nocum	2011347	CS	[Edit] [View]
Marie Cris	2011634	CS	[Edit] [View]
Uriel Alonso	2010985	CS	[Edit] [View]
Rik Doniego	2011611	CS	[Edit] [View]
Sean Gacela	2011407	CS	[Edit] [View]
Dimple Penera	2011537	CS	[Edit] [View]

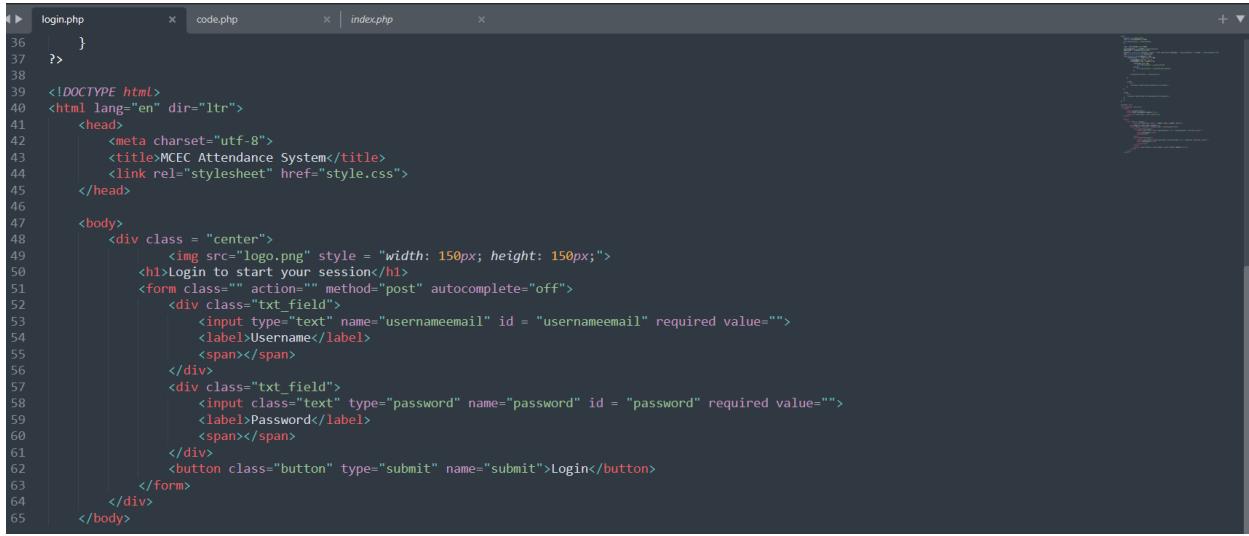
Figure 46. Student View All List Button

## SCREENSHOT OF CODING

### Login Page (Sean Gacela)



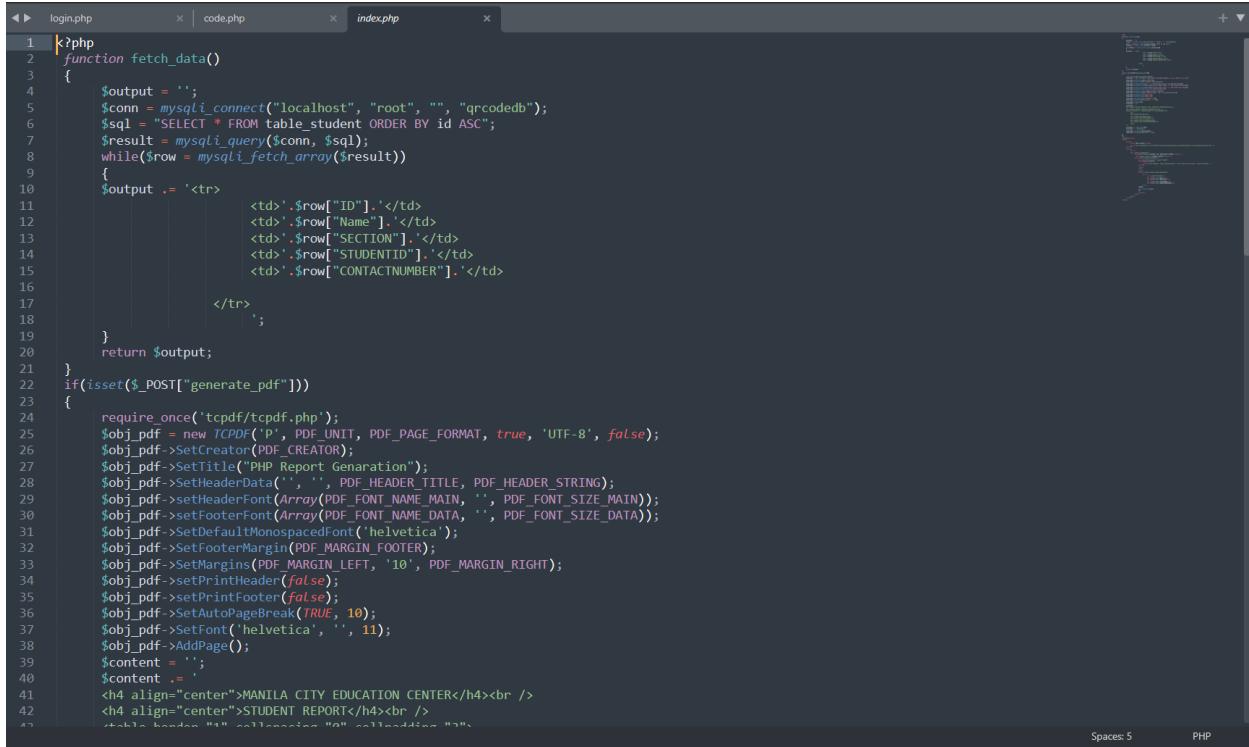
```
login.php
1 <?php
2     require '../config.php';
3     if(empty($_SESSION['id'])){
4         header("Location: ../index.php");
5     }
6
7     if(isset($_POST["submit"])){
8         $usernameemail = $_POST["usernameemail"];
9         $password = $_POST["password"];
10        $result = mysqli_query($conn, "SELECT * FROM user WHERE username = '$usernameemail' OR email = '$usernameemail'");
11        $row = mysqli_fetch_assoc($result);
12        if(mysqli_num_rows($result) > 0){
13            if($password == $row['password']){
14                $_SESSION["login"] = true;
15                $_SESSION["id"] = $row["id"];
16                if($row["id"]==1){
17                    header("Location: ../index.php");
18                }else{
19                    header("Location: ../qrcode/index.php");
20                }
21            }
22            //header("Location: ../index.php");
23        }
24
25        else{
26            echo
27                "<script> alert('Wrong Password'); </script>";
28        }
29    }
30
31    else{
32        echo
33            "<script> alert('User Not Registered'); </script>";
34    }
35
36 }
37 ?>
38 <!DOCTYPE html>
39 <html lang="en" dir="ltr">
40     <head>
41         <meta charset="utf-8">
42         <title>MCEC Attendance System</title>
43         <link rel="stylesheet" href="style.css">
44     </head>
45
46     <body>
47         <div class = "center">
48             
49             <h1>Login to start your session</h1>
50             <form class="" action="" method="post" autocomplete="off">
51                 <div class="txt_field">
52                     <input type="text" name="usernameemail" id = "usernameemail" required value="">
53                     <label>Username</label>
54                     <span></span>
55                 </div>
56                 <div class="txt_field">
57                     <input class="text" type="password" name="password" id = "password" required value="">
58                     <label>Password</label>
59                     <span></span>
60                 </div>
61                 <button class="button" type="submit" name="submit">Login</button>
62             </form>
63         </div>
64     </body>
65 
```



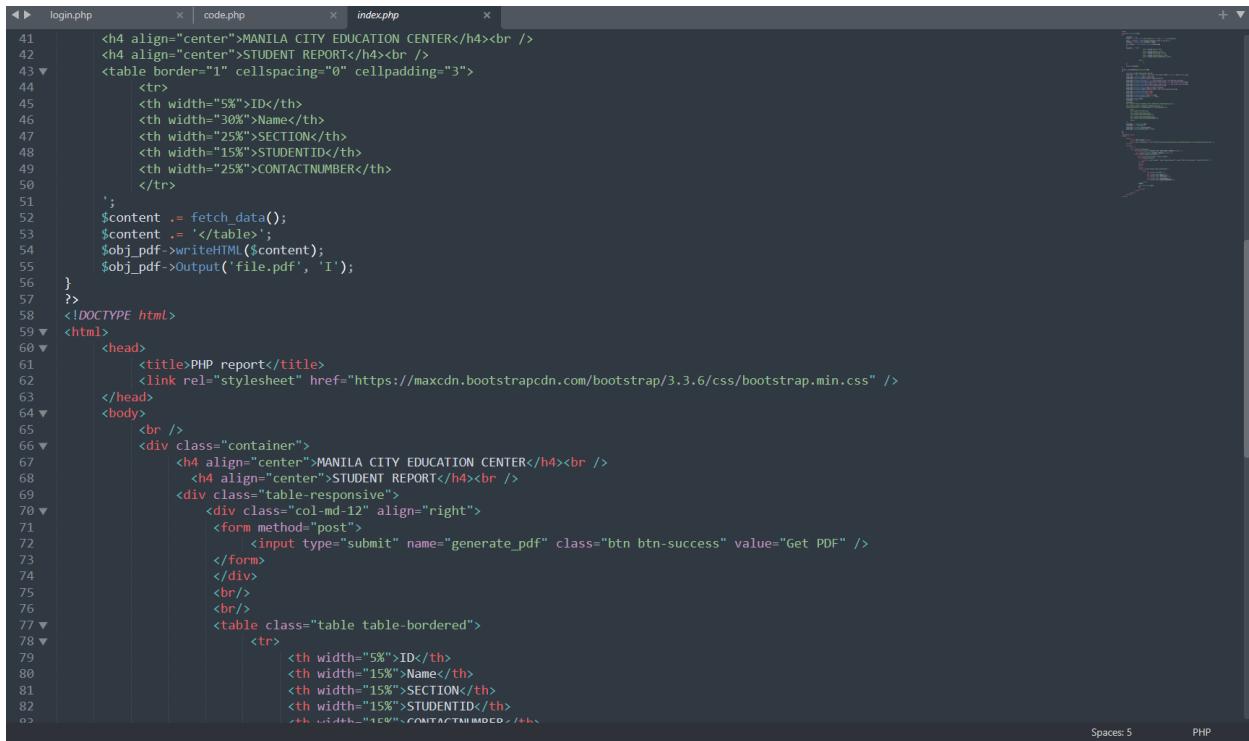
```
login.php      code.php      index.php
36     }
37 ?>
38 <!DOCTYPE html>
39 <html lang="en" dir="ltr">
40     <head>
41         <meta charset="utf-8">
42         <title>MCEC Attendance System</title>
43         <link rel="stylesheet" href="style.css">
44     </head>
45
46     <body>
47         <div class = "center">
48             
49             <h1>Login to start your session</h1>
50             <form class="" action="" method="post" autocomplete="off">
51                 <div class="txt_field">
52                     <input type="text" name="usernameemail" id = "usernameemail" required value="">
53                     <label>Username</label>
54                     <span></span>
55                 </div>
56                 <div class="txt_field">
57                     <input class="text" type="password" name="password" id = "password" required value="">
58                     <label>Password</label>
59                     <span></span>
60                 </div>
61                 <button class="button" type="submit" name="submit">Login</button>
62             </form>
63         </div>
64     </body>
65 
```

This part was assigned for Sean Gacela where this was the Login page where we see when we log for the preferred user. And this was created using PHP and linked with SQL on our database for the users.

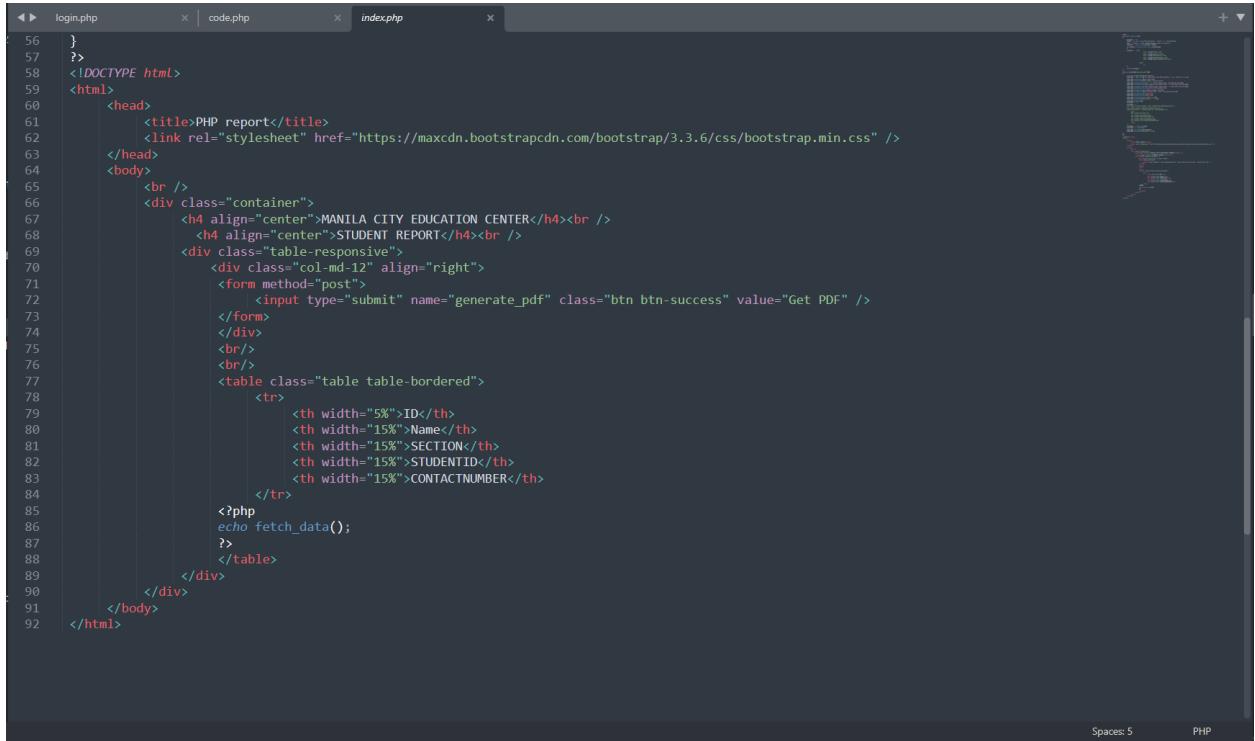
## projectAttendanceSystem/report/tcpdf/index.php



```
1 ?php
2     function fetch_data()
3     {
4         $output = '';
5         $conn = mysqli_connect("localhost", "root", "", "qrcodedb");
6         $sql = "SELECT * FROM table_student ORDER BY id ASC";
7         $result = mysqli_query($conn, $sql);
8         while($row = mysqli_fetch_array($result))
9         {
10             $output .= '<tr>
11                 <td>' . $row["ID"] . '</td>
12                 <td>' . $row["Name"] . '</td>
13                 <td>' . $row["SECTION"] . '</td>
14                 <td>' . $row["STUDENTID"] . '</td>
15                 <td>' . $row["CONTACTNUMBER"] . '</td>
16             </tr>
17         ';
18     }
19     return $output;
20 }
21 if(isset($_POST["generate_pdf"]))
22 {
23     require_once('tcpdf/tcpdf.php');
24     $obj_pdf = new TCPDF('P', PDF_UNIT, PDF_PAGE_FORMAT, true, 'UTF-8', false);
25     $obj_pdf->SetCreator(PDF_CREATOR);
26     $obj_pdf->SetTitle("PHP Report Generation");
27     $obj_pdf->SetHeaderData('', '', PDF_HEADER_TITLE, PDF_HEADER_STRING);
28     $obj_pdf->setHeaderFont(Array(PDF_FONT_NAME_MAIN, '', PDF_FONT_SIZE_MAIN));
29     $obj_pdf->setFooterFont(Array(PDF_FONT_NAME_DATA, '', PDF_FONT_SIZE_DATA));
30     $obj_pdf->SetDefaultMonospacedFont('helvetica');
31     $obj_pdf->SetFooterMargin(PDF_MARGIN_FOOTER);
32     $obj_pdf->SetMargins(PDF_MARGIN_LEFT, '10', PDF_MARGIN_RIGHT);
33     $obj_pdf->setPrintHeader(false);
34     $obj_pdf->setPrintFooter(false);
35     $obj_pdf->SetAutoPageBreak(TRUE, 10);
36     $obj_pdf->SetFont('helvetica', '', 11);
37     $obj_pdf->AddPage();
38     $content = '';
39     $content .= '
40         <h4 align="center">MANILA CITY EDUCATION CENTER</h4><br />
41         <h4 align="center">STUDENT REPORT</h4><br />
42     ';
43     $content .= fetch_data();
44     $content .= '
```



```
41     <h4 align="center">MANILA CITY EDUCATION CENTER</h4><br />
42     <h4 align="center">STUDENT REPORT</h4><br />
43     <table border="1" cellspacing="0" cellpadding="3">
44         <tr>
45             <th width="5%">ID</th>
46             <th width="30%">Name</th>
47             <th width="25%">SECTION</th>
48             <th width="15%">STUDENTID</th>
49             <th width="25%">CONTACTNUMBER</th>
50         </tr>
51     ;
52     $content .= fetch_data();
53     $content .= '</table>';
54     $obj_pdf->writeHTML($content);
55     $obj_pdf->Output('file.pdf', 'I');
56 }
57 ?
58 <!DOCTYPE html>
59 <html>
60     <head>
61         <title>PHP report</title>
62         <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
63     </head>
64     <body>
65         <br />
66         <div class="container">
67             <h4 align="center">MANILA CITY EDUCATION CENTER</h4><br />
68             <h4 align="center">STUDENT REPORT</h4><br />
69             <div class="table-responsive">
70                 <div class="col-md-12" align="right">
71                     <form method="post">
72                         <input type="submit" name="generate_pdf" class="btn btn-success" value="Get PDF" />
73                     </form>
74                 </div>
75                 <br/>
76                 <br/>
77                 <table class="table table-bordered">
78                     <tr>
79                         <th width="5%">ID</th>
80                         <th width="15%">Name</th>
81                         <th width="15%">SECTION</th>
82                         <th width="15%">STUDENTID</th>
83                         <th width="15%">CONTACTNUMBER</th>
84                     </tr>
```



The screenshot shows a code editor with multiple tabs open. The active tab is 'index.php', which contains the following PHP code:

```
56 }
57 ?>
58 <!DOCTYPE html>
59 <html>
60     <head>
61         <title>PHP report</title>
62         <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
63     </head>
64     <body>
65         <br />
66         <div class="container">
67             <h4 align="center">MANILA CITY EDUCATION CENTER</h4><br />
68             <h4 align="center">STUDENT REPORT</h4><br />
69             <div class="table-responsive">
70                 <div class="col-md-12" align="right">
71                     <form method="post">
72                         <input type="submit" name="generate_pdf" class="btn btn-success" value="Get PDF" />
73                     </form>
74                 </div>
75                 <br/>
76                 <br/>
77                 <table class="table table-bordered">
78                     <tr>
79                         <th width="5%">ID</th>
80                         <th width="15%">Name</th>
81                         <th width="15%">SECTION</th>
82                         <th width="15%">STUDENTID</th>
83                         <th width="15%">CONTACTNUMBER</th>
84                     </tr>
85                     <php>
86                         echo fetch_data();
87                     ?>
88                 </table>
89             </div>
90         </div>
91     </body>
92 </html>
```

This is where we used a report table where we print the students profile information on our database. Where we also used php, sql, and tcpdf (TCPDF is a free and open source software PHP class for generating PDF documents.) So this was used for generating the PDF of the data where we updated the print button for a PDF generator so we could also edit and print it at the same time.

## Qr Code Generator (Chelsy Mibulos)

```
<form name="frmContact" class="needs-validation" method="post" action="contact.php">
    <p>
        <label for="Name" style="color: white; font-weight: bolder;">Your Name </label>
        <input type="text" class="form-control" name="txtName" id="txtName" placeholder="ENTER Name" value="" required>
        <div class="invalid-feedback">
            Valid first name is required.
        </div>
    </p>
    <p>
        <label for="studentid" style="color: white; font-weight: bolder;">Your STUDENT ID</label>
        <input type="text" class="form-control" name="txtstudentid" id="txtstudentid" placeholder="ENTER STUDENTID" value="" required>
    </p>
    <p>
        <label for="ContactNumber" style="color: white; font-weight: bolder;">GUARDIAN CONTACT NUMBER</label>
        <input type="text" class="form-control" name="txtContactNumber" id="txtContactNumber" placeholder="ENTER CONTACT NUMBER" value="" required>
    </p>
    <p>
        <label for="Section" style="color: white; font-weight: bolder;"> Your Section</label>
        <input type="text" class="form-control" name="txtSection" id="txtSection" placeholder="Section" required></textarea>
    </p>
    <p>&nbsp;</p>
    <p>
        <input type="submit" name="Submit" id="Submit" value="Click me to Contact" class="btn btn-primary btn-lg btn-block">
    </p>
    <!-- Both Button on 3rd Row with 1-5-1 div -->
    <div class="row">
        <div class="col-sm-1"></div>
        <div class="col-sm-5">
            <button type="button" class="btn btn-primary makeSpace" style="width:100%" onclick="convertQR()">Convert</button>
        </div>
        <div class="col-sm-5">
            <a href=".student/index.php" button type="button" class="btn btn-danger makeSpace" style="width:100%" onclick="clearInput()">Back</button></a>
        </div>
        <div class="col-sm-1"></div>
    </div>
</div>
```

In this code display the form Your name, input box type display name, Your student ID, input type box display student id, Guardian Contact Number, input type box display contact number, Your section, input type box display section. All the information stored in the data input is filled out by the students. The button click to contact it connects to the database server from the file name contact.php where all the method = 'post' are stored data input type box and the action are link to send stored data to contact.php

```
tml contact.php* ✎ X
<?php
// database connection code
// $con = mysqli_connect('localhost', 'database_user', 'database_password', 'database');
$con = mysqli_connect('localhost', 'root', '', 'qrcodedb');
```

This is the variable con is to open to connect mysql server in localhost

```

ct.html | contact.php # ×
1 <?php
2 // database connection code
3 if(isset($_POST['txtName']))
4 {
5 $con = mysqli_connect('localhost', 'database_user', 'database_password','database');
6 $con = mysqli_connect('localhost', 'root', '', 'qrcodedb');
7
8 // get the post records
9
10 $name = $_POST['txtName'];
11 $studentid = $_POST['txtstudentid'];
12 $txtContactNumber = $_POST['txtContactNumber'];
13 $txtSection = $_POST['txtSection'];
14
15 // database insert SQL code
16 $sql = "INSERT INTO `table_student` ('ID', 'Name', 'STUDENTID', 'CONTACTNUMBER', 'SECTION') VALUES ('0', '$name', '$studentid', '$txtContactNumber', '$txtSection')";
17
18 // insert in database
19 $rs = mysqli_query($con, $sql);
20 if($rs)
21 {
22 echo '<script>alert("You successfully added a student!")</script>';
23 }
24
25 }
26 else
27 {
28 echo '<script>alert("Not recorded!")</script>';
29 }
30
31 echo "<script>window.history.back()</script>";
32
33 ?>

```

This is the code when insert table\_student sql code inserting to database information of the students input display

```

}
function convertQR()
{
    document.getElementById("div_Id_of_qrcode").innerHTML = "";
    if(document.getElementById("btn_download"))
    {
        document.getElementById("btn_download").remove();
    }
    var inputStr = document.getElementById("txtName").value;
    var inputStr2 = document.getElementById("txtstudentid").value;
    var inputStr3 = document.getElementById("txtContactNumber").value;
    var inputStr4 = document.getElementById("txtSection").value;
    if(inputStr.length<1)
    {
        alert("Please Enter Valid Input");
        return;
    }

    var qrcode = new QRCode("div_Id_of_qrcode", {
        text: inputStr+" "+inputStr2+" "+inputStr3+" "+inputStr4,
        width: 300,
        height: 300,
        correctLevel : QRCode.CorrectLevel.H
    });
}

```

This code is in script which the function convert Qr to the text input the student name, studentid, contact number, and section

```

var btnElement = document.createElement("BUTTON");
var textForBtn = document.createTextNode("Download QR Code");
btnElement.id = "btn_download";
btnElement.onclick = download_qr_image;
btnElement.classList.add("btn");
btnElement.classList.add("btn-success");
btnElement.classList.add("download_btn");
btnElement.appendChild(textForBtn);
btnElement.style.width = 300;
document.getElementById("qrcode_download").appendChild(btnElement);

```

```

<script>
    function download_qr_image() {
        var myCanva = document.getElementById("div_Id_of_qrcode").childNodes[0];
        var CanvasElement = document.createElement("CANVAS");
        CanvasElement.id = "mycanvas";
        CanvasElement.width = myCanva.width+30;
        CanvasElement.height = myCanva.height+30;
        CanvasElement.getContext("2d").fillStyle = "#ffffff";
        CanvasElement.getContext("2d").rect(0, 0, myCanva.width+30, myCanva.height+30);
        CanvasElement.getContext("2d").fill();
        CanvasElement.getContext("2d").drawImage(myCanva,15,15);
        myCanva = CanvasElement;
        var qr_link = document.createElement('a');
        qr_link.download = window.prompt("Enter File Name ");
        qr_link.href = myCanva.toDataURL(); // for url toDataURL
        qr_link.click();
    }

```

This is the function download Qr shows the canvas element size, style , draw image and the get elements id when you click the button of download by btnelement.append to download button

### Qr Code Attendance (Chelsy Mibulos)

```

<div class="col-md-6">
<form action="insert1.php" method="post" class="form-horizontal">
    <label>SCAN QR CODE</label>
    <input type="text" name="text" id="text" readonly placeholder="Name" class="form-control">
    <input type="text" name="qrcontent" id="qrcontent" readonly placeholder="contact number" class="form-control">
</form>
</div>
<div class="col-md-7">
    <table class="table">
        <thead>
            <tr>
                <td>ID</td>
                <td>STUDENT ID</td>
                <td>TIMEIN</td>
                <td>TIME OUT</td>
                <td>LOGDATE</td>
                <td>STATUS</td>
                <td>CONTACT NUMBER</td>
            </tr>
        </thead>
        <tbody>

```

This is the Qr code table form of Id, student ID, Timein, timeout, logout, status, contact number. All the storing data information of form is in method='post' and form action is the bridge or way send store data to insert1.php

```

<?php
$server = "localhost";
$username="root";
$password="";
$dbname="qrcodedb";

$conn = new mysqli($server,$username,$password,$dbname);

if($conn->connect_error){
    die("Connection failed" . $conn->connect_error);
}

$sql ="SELECT * FROM table_attendance INNER JOIN table_student ON table_attendance.CONTACTNUMBER=table_student.CONTACTNUMBER ";
$query = $conn->query($sql);
while ($row = $query->fetch_assoc()){
?>

<tr>
<td><?php echo $row['ID'];?></td>
<td><?php echo $row['STUDENTID'];?></td>
<td><?php echo $row['TIMEIN'];?></td>
<td><?php echo $row['TIMEOUT'];?></td>
<td><?php echo $row['LOGDATE'];?></td>
<td><?php echo $row['STATUS'];?></td>
<td><?php echo $row['CONTACTNUMBER'];?></td>
</tr>
<?php
}
?>
</tbody>
</table>

```

In this code select all information row from table\_attendance join two database using statement inner join another database from table\_student ON table\_attendance.CONTACTNUMBER=table\_student.ContactNumber information stored in the row. In the while statement the variable query object returns from the database iteration of the current row. Everytime the fetch\_assoc() function returns to current row and automatically advance to next variable call such as variable row['Studentid']

```

<script>

let scanner = new Instascan.Scanner({ video: document.getElementById('preview'), scanPeriod: 100, mirror: false });

Instascan.Camera.getCameras().then(function(cameras){
  if(cameras.length > 0 ){
    scanner.start(cameras[0]);
  } else{
    alert('No cameras found');
  }
}).catch(function(e) {
  console.error(e);
});

scanner.addListener('scan',function(c){
  var numbervalue ='';
  var numberPattern =/\+\d/g;
  document.getElementById('text').value=c;
  numbervalue = document.getElementById("text").value.match( numberPattern ).join([]);
  document.getElementById("qrcontent").value= numbervalue;
  document.forms[0].submit();
});

</script>
0 issues found

```

This functional code is to display and scan Qr to the camera show, or block of the camera in our system which the camera section are not found.

```

$conn = new mysqli($server,$username,$password,$dbname);

if($conn->connect_error){
    die("Connection failed" . $conn->connect_error);
}

if(isset($_POST['text'])){
    date_default_timezone_set('Asia/Manila');
    $text = $_POST['text'];
    $contact = $_POST['content'];
    $date = date('m-d-Y');
    $time = date('h:i:sa');

    $sql = "SELECT * FROM table_attendance WHERE STUDENTID='$text' AND LOGDATE='$date' AND STATUS='TIMEIN'";
    $query = $conn->query($sql);
    if($query->num_rows>0){
        $sql = "UPDATE table_attendance SET TIMEOUT= '$time',STATUS='TIMEOUT' WHERE STUDENTID='$text' AND LOGDATE='$date'";
        $query = $conn->query($sql);
        $_SESSION['success']= ' Your Attendance successfully Time out';
    }
}

```

This code if statement and isset function stored data input type form submitted in table\_student database server. The variable sql is select all from table attendance using where clause to the studentid, logdate, and status variable data values stored also the logdate data variable values stored the default format to the date variable. From the second variable of update the table\_attendance if the variable query object operator number row is greater than 0. It updates the table\_attendance set current timeout qr scan from the connection of our server which prints the update store variable session is Your attendance successfully timeout.

```

    fwrite($file, $date . "\n");
} else{
    $sql = "INSERT INTO table_attendance(STUDENTID,TIMEIN,LOGDATE,STATUS,CONTACTNUMBER) VALUES('$text', '$time', '$date', 'TIMEIN', '$contact')";
    if($conn->query($sql) ===TRUE){
        $_SESSION['success']= 'Your Attendance Sucessfully Time In';

        fwrite($file,"Entered the school at: \n");
        fwrite($file,"Time: ");
        fwrite($file, $time ."\n");
        fwrite($file,"Date: ");
        fwrite($file, $date ."\n");

    } else {
        $_SESSION['error']= $conn->error;
    }
}

```

In this code variable sql insert in table\_attendance which if condition statement store data is true the the variable session information stored print the studentid, current Qr scan timein, logdate, status, and contact number.

## Qr Code & SMS Notification (Freddierick Doniego)

```
extract($_REQUEST);
$file=fopen("form-save.txt","w");
$file2=fopen("phone.txt","w");

fwrite($file,"Manila City Education Center \n\n");
fwrite($file,"Good day\n\n");
fwrite($file,"Your son/daugther with the information of ");
fwrite($file, $text ."\n\n");

fwrite($file,"Left the school at; \n");
fwrite($file,"Time: ");
fwrite($file, $time ."\n");
fwrite($file,"Date: ");
fwrite($file, $date ."\n");

fwrite($file,"Entered the school at; \n");
fwrite($file,"Time: ");
fwrite($file, $time ."\n");
fwrite($file,"Date: ");
fwrite($file, $date ."\n");

fclose($file);

fwrite($file2,$qrcontent);
fclose($file2);
```

This code will allow you to edit the text file. This will serve as the SMS's message. I employed PHP's file write function. Fopen is used to open files, Fwrite is used to write to files, and Fclose is used to close files.

```
$filenames ="form-save.txt";
$filenames2 ="phone.txt";
$files = fopen($filenames,"r");
if($files == false){
| echo "error in opening file";
}

$files2 = fopen($filenames2,"r");
if($files2 == false){
| echo "error in opening file";
}
$filesizes = filesize($filenames);
$filesizes2 = filesize($filenames2);

$message = fread($files,$filesizes);

$phone = fread($files2,$filesizes2);
```

Read the text file with this. I utilized a text file to store the student's information because I was having trouble retrieving data and was getting a null result, so it could be read and sent over SMS.

```
require 'vendor/autoload.php';

/** Error Debugging */
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL | E_STRICT);

/** Make sure to add autoload.php */
require './vendor/autoload.php';

/** Aliasing the classes */

use Aws\Sns\SnsClient;
use Aws\Exception\AwsException;

/** AWS SNS Access Key ID */
$access_key_id    = 'AKIAZYI57YHAM5N5U3RW';

/** AWS SNS Secret Access Key */
$secret = '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';

/** Create SNS Client By Passing Credentials */
$snsclient = new SnsClient([
    'region' => 'ap-southeast-1',
    'version' => 'latest',
    'credentials' => [
        'key'    => $access_key_id,
        'secret' => $secret,
    ],
]);
```

```

$message = fread($files,$filesizes);

| 

/** NOTE: Make sure to put the country code properly else SMS wont get delivered */
$phone = fread($files2,$filesizes2);

fclose($files);
fclose($files2);

try {
    /** Few setting that you should not forget */
    $result = $snsClient->publish([
        'MessageAttributes' => array(
            /** Pass the SENDERID here */
            'AWS.SNS.SMS.SenderID' => array(
                'DataType' => 'String',
                'StringValue' => 'StackCoder'
            ),
            /** What kind of SMS you would like to deliver */
            'AWS.SNS.SMS.SMSType' => array(
                'DataType' => 'String',
                'StringValue' => 'Transactional'
            )
        ),
        /** Message and phone number you would like to deliver */
        'Message' => $message,
        'PhoneNumber' => $phone,
    ]);
}

} catch (AwsException $e) {
    // output error message if fails
    echo $e->getMessage() . "<br>";
}

```

With the use of the AWS SNS service, the entire code is intended to send a message to the phone number that scanned the QR code. This code is available in the AWS documentation, which also includes sample code for SNS, databases, and other services.

```

<table class="content-table">
    <thead>
        <tr>
            <th>Name</th>
            <th>Student ID</th>
            <th>Section</th>
            <th>TIME IN</th>
            <th>TIME OUT</th>
            <th>DATE</th>
            <th>Action</th>
        </tr>
    </thead>
    <tbody>
        <?php

            $query = "SELECT table_student.ID, table_attendance.LOGDATE, table_student.Name,
            table_student.STUDENTID, table_student.SECTION, table_attendance.TIMEIN,
            table_attendance.TIMEOUT FROM table_attendance INNER JOIN table_student ON
            table_attendance.CONTACNUMBER=table_student.CONTACNUMBER ";

            $query_run = mysqli_query($con, $query);

```

```

if(mysqli_num_rows($query_run) > 0)
{
    foreach($query_run as $student )
    {
        ?>
        <tr>
            <td><?= $student[ 'Name' ] ; ?></td>
            <td><?= $student[ 'STUDENTID' ] ; ?></td>
            <td><?= $student[ 'SECTION' ] ; ?></td>
            <td><?= $student[ 'TIMEIN' ] ; ?></td>
            <td><?= $student[ 'TIMEOUT' ] ; ?></td>
            <td><?= $student[ 'LOGDATE' ] ; ?></td>

            <td>
                <a href="student-view.php?id=<?= $student[ 'ID' ] ; ?>" class="btn-view"><i class="fa-solid fa-eye"></i></a>
                <a href="student-edit.php?id=<?= $student[ 'ID' ] ; ?>" class="btn-edit"><i class="fa-solid fa-user-pen"></i></a>
            </td>
        </tr>
        <?php
    }
}
else
{
    echo "<h5> No Record Found </h5>";
}
?>

```

The entire code is for displaying student data in a table. As you can see in the \$query I used Inner join to join two databases which are table\_student and table\_attendance. I did this to display the time in and time out of all the students. The student won't show up in the table if they don't have time in and timeout, so I made a button that would show all the students for checking.

```
<?php
if(isset($_GET['id']))
{
    $id = mysqli_real_escape_string($con, $_GET['id']);
    $query = "SELECT * FROM table_student WHERE id='$id' ";
    $query_run = mysqli_query($con, $query);

    if(mysqli_num_rows($query_run) > 0)
    {
        $student = mysqli_fetch_array($query_run);
        ?>

        <div class="mb-view">
            <label>Student's Name</label>
            <p class="form-control">
                <?=$student['Name'];?>
            </p>
        </div>
        <div class="mb-view">
            <label>Student ID</label>
            <p class="form-control">
                <?=$student['STUDENTID'];?>
            </p>
        </div>
        <div class="mb-view">
            <label>Student's Section</label>
            <p class="form-control">
                <?=$student['SECTION'];?>
            </p>
        </div>
        <div class="mb-view">
            <label>Student's Contact Number</label>
            <p class="form-control">
                <?=$student['CONTACTNUMBER'];?>
            </p>
        </div>
    
```

This code is for displaying the information of a certain student.

```
<?php
if(isset($_GET['id']))
{
    $id = mysqli_real_escape_string($con, $_GET['id']);
    $query = "SELECT * FROM table_student WHERE ID ='$id' ";
    $query_run = mysqli_query($con, $query);

    if(mysqli_num_rows($query_run) > 0)
    {
        $student = mysqli_fetch_array($query_run);
        ?>
        <form action="code.php" method="POST">
            <input type="hidden" name="ID" value="<?= $student['ID']; ?>">

            <div class="mb-3">
                <label>Student's Name</label>
                <input type="text" name="Name" value="<?=$student['Name'];?>" class="form-control">
            </div>
            <div class="mb-3">
                <label>Student Number</label>
                <input type="text" name="CONTACTNUMBER" value="<?=$student['CONTACTNUMBER'];?>" class="form-control">
            </div>
            <div class="mb-3">
                <label>Student Section</label>
                <input type="text" name="SECTION" value="<?=$student['SECTION'];?>" class="form-control">
            </div>
            <div class="mb-3">
                <button type="submit" name="update_student" class="btn-update">
                    Update Student
                </button>
            </div>
        
```

This code is for updating the information of a certain student.

I'm Dimple Penera and I'm assigned to make the function of different buttons in our system. The connection and the path where the button will go next after clicking it is the one I coded. Here are the codes for the index.php if we log in the account of the ADMIN.

## Dashboard

```

    index.php
1  <?php
2  require 'config.php';
3  if(empty($_SESSION["id"])){
4      $id = $_SESSION["id"];
5      $result = mysqli_query($conn, "SELECT * FROM user WHERE id = $id");
6      $row = mysqli_fetch_assoc($result);
7  }
8
9  else{
10     header("Location: ../projectAttendanceSystem/login/login.php");
11 }
12 ?>
13
14 <!DOCTYPE html>
15 <html lang="en" dir="ltr">
16     <head>
17         <meta charset="utf-8">
18         <meta name = "viewport" context = "width=device-width, initial-scale=1.0">
19         <title>MCEC Attendance System</title>
20         <link rel = "stylesheet" href = "style-index.css">
21         <link rel = "stylesheet" href = "https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.0/css/all.min.css">
22         <script src = "https://cdnjs.cloudflare.com/ajax/libs/jquery/3.5.1/jquery.min.js" charset = "utf-8"></script>
23     </head>
24     <body>
25         <div class = "side-bar">
26             
27             <h2>Welcome <?php echo $row["firstname"]; ?></h2>
28             <div class = "menu">
29                 <div class = "item"><a href = "#"><i class = "fas fa-desktop"></i>Dashboard</a></div>
30                 <div class = "item"><a href = "instructor-tab/index.php"><i class = "fas fa-table"></i>Instructors</a></div>
31                 <div class = "item"><a href = "student-admin/index.php"><i class = "fas fa-th"></i>Students</a></div>
32                 <div class = "item"><a href = "report/index.php"><i class = "fas fa-cogs"></i>Reports</a></div>
33
34                 <div class = "item"><a href = "logout.php"><i class = "fas fa-door-open"></i>Logout</a></div>
35             </div>
36
37             <div class="card">
38                 <div class="box">
39                     <?php
40                         $dash_category_query = "SELECT * FROM table_student";
41                         $dash_category_query_run = mysqli_query($conn, $dash_category_query);
42
43                         if($category_total = mysqli_num_rows($dash_category_query_run))
44                         {
45                             echo '<h1> '.$category_total.'</h1>';
46                         }
47                         else {
48                             echo '<h1> No Data </h1>';
49                         }
50                     ?>
51                     <h3>Students</h3>
52                     <div class="icon-case">
53                         
54                     </div>
55                 </div>
56             <div class="card1">
57                 <div class="box">
58                     <?php
59                         $dash_instructor_query = "SELECT * FROM user";
60                         $dash_instructor_query_run = mysqli_query($conn, $dash_instructor_query);
61
62                         if($instructor_total = mysqli_num_rows($dash_instructor_query_run))
63

```

In this code, you will see how we manage to display the number of rows/information recorded in the database, by using query and if statements.

```

64      {
65          echo '<h1> '.$instructor_total.'</h1>';
66      }
67      else {
68          echo '<h1> No Data </h1>';
69      }
70  ?>
71      <h3>Teachers</h3>
72      <div class="icon-case1">
73          
74      </div>
75  </div>
76  </div>
77
78
79
80      <script type="text/javascript">
81          $('.side-bar').addClass('active');
82      </script>
83  </body>
84 </html>
85

```

If we go to the instructor tab, here is the code for instructor's index that you will see right after you click it.

```

instructor-tab > index.php
1  <?php
2      session_start();
3      require 'dbcon.php';
4      if(!empty($_SESSION['id'])){
5          $id = $_SESSION["id"];
6          $result = mysqli_query($con, "SELECT * FROM user WHERE id = $id");
7          $instructor = mysqli_fetch_assoc($result);
8      }
9  ?>
10 <!doctype html>
11 <html lang="en">
12     <head>
13         <!-- Required meta tags -->
14         <meta charset="utf-8">
15         <meta name="viewport" content="width=device-width, initial-scale=1">
16         <link rel = "stylesheet" href = "style-instructor.css">
17         <link rel = "stylesheet" href = "https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.0/css/all.min.css">
18         <script src = "https://cdnjs.cloudflare.com/ajax/libs/jquery/3.5.1/jquery.min.js" charset = "utf-8"></script>
19         <!-- Bootstrap CSS
20         <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">-->
21
22     <title>MCEC Attendance System</title>
23 </head>
24 <body>
25     <div class = "side-bar">
26         
27         <h1>Welcome <?php echo $instructor['firstname']; ?></h1>
28         <div class = "menu">
29             <div class = "item"><a href = "../index.php"><i class = "fas fa-desktop"></i>Dashboard</a></div>
30             <div class = "item"><a href = "#"><i class = "fas fa-table"></i>Instructors</a></div>
31             <div class = "item"><a href = "../student-admin/index.php"><i class = "fas fa-th"></i>Students</a></div>
32             <div class = "item"><a href = "../report/index.php"><i class = "fas fa-cogs"></i>Reports</a></div>
33             <div class = "item"><a href = "../logout.php"><i class = "fas fa-door-open"></i>Logout</a></div>
34         </div>
35     </div>
36
37     <div class="container mt-4">
38
39         <?php include('message.php'); ?>
40
41         <div class="row">
42             <div class="col-md-12">
43                 <div class="card">
44                     <div class="card-header">

```

Same with the dashboard of the admin, there is still the side bar menu of the system. We can see here the different file location that connected in each button.

```

<?php
    $query = "SELECT * FROM user";
    $query_run = mysqli_query($con, $query);

    if(mysqli_num_rows($query_run) > 0)
    {
        foreach($query_run as $instructor)
        {
            ?>
            <tr>
                <td><?= $instructor['firstname']; ?></td>
                <td><?= $instructor['lastname']; ?></td>
                <td><?= $instructor['email']; ?></td>
                <td><?= $instructor['schoolyear']; ?></td>
                <td>
                    <a href="instructor-view.php?id=<?= $instructor['id']; ?>" class="btn-view"><i class="fa-solid fa-eye"></i></a>
                    <a href="instructor-edit.php?id=<?= $instructor['id']; ?>" class="btn-edit"><i class="fa-solid fa-user-pen"></i></a>
                    <form action="code.php" method="POST" class="d-inline">
                        <button type="submit" name="delete_instructor" value="<?=$instructor['id'];?>" class="btn-delete">
                            <i class="fa-solid fa-trash"></i></button>
                    </form>
                </td>
            </tr>
        <?php
    }
    else
    {
        echo "<h5> No Record Found </h5>";
    }
?>

```

This set of php code is for the displaying the information that is record in the table for the instructor records. The name of table is “user” and we declare and call the name of columns in that table.

## Adding new instructor

In creating page for adding new instructor, we add some text field and buttons in instructor-create.php. The function of the save button can be found in the code.php

```

<div class="mb-3">
    <label>Instructor First Name</label>
    <input type="text" name="firstname" class="form-control1">
</div>
<div class="mb-3">
    <label>Instructor Middle Name</label>
    <input type="text" name="middlename" class="form-control1">
</div>
<div class="mb-3">
    <label>Instructor Last Name</label>
    <input type="text" name="lastname" class="form-control1">
</div>
<div class="mb-3">
    <label>Instructor Email</label>
    <input type="email" name="email" class="form-control1">
</div>
<div class="mb-3">
    <label>Instructor Username</label>
    <input type="text" name="username" class="form-control1">
</div>
<div class="mb-3">
    <label>Instructor Password</label>
    <input type="password" name="password" class="form-control1">
</div>
<div class="mb-3">
    <label>Instructor School Year</label>
    <input type="text" name="schoolyear" class="form-control1">
</div>
<div class="mb-3">
    <button type="submit" name="save_instructor" class="btn-save1">Save Instructor</button>
</div>

```

This is the code for saving the new information of the instructor.

```

33 if(isset($_POST['save_instructor']))
34 {
35     $firstname = mysqli_real_escape_string($con, $_POST['firstname']);
36     $middlename = mysqli_real_escape_string($con, $_POST['middlename']);
37     $lastname = mysqli_real_escape_string($con, $_POST['lastname']);
38     $email = mysqli_real_escape_string($con, $_POST['email']);
39     $username = mysqli_real_escape_string($con, $_POST['username']);
40     $password = mysqli_real_escape_string($con, $_POST['password']);
41     $schoolyear = mysqli_real_escape_string($con, $_POST['schoolyear']);
42
43     $query = "INSERT INTO user (firstname,middlename,lastname,email,username,password,schoolyear)
44     VALUES ('$firstname','$middlename','$lastname','$email','$username','$password','$schoolyear')";
45
46     $query_run = mysqli_query($con, $query);
47
48     echo '<script>alert("You successfully added a record!")</script>';
49     echo "<script>window.history.go(-2)</script>";
50 }

```

## Edit Instructor

This is the edit instructor code, same with add, we put some text field in order to input the new information of the instructor.

```

if(mysqli_num_rows($query_run) > 0)
{
    $instructor = mysqli_fetch_array($query_run);
}
<form action="code.php" method="POST">
    <input type="hidden" name="id" value="<?= $instructor['id']; ?>">

    <div class="mb-3">
        <label>Instructor First Name</label>
        <input type="text" name="firstname" value="<?= $instructor['firstname']; ?>" class="form-control">
    </div>
    <div class="mb-3">
        <label>Instructor Last Name</label>
        <input type="text" name="lastname" value="<?= $instructor['lastname']; ?>" class="form-control">
    </div>
    <div class="mb-3">
        <label>Instructor Email</label>
        <input type="email" name="email" value="<?= $instructor['email']; ?>" class="form-control">
    </div>
    <div class="mb-3">
        <label>Instructor School Year</label>
        <input type="text" name="schoolyear" value="<?= $instructor['schoolyear']; ?>" class="form-control">
    </div>
    <div class="mb-3">
        <button type="submit" name="update_instructor" class="btn-update">
            | Update Instructor
        </button>
    </div>

```

The code of update is also in the code.php

```

15 if(isset($_POST['update_instructor']))
16 {
17     $id = mysqli_real_escape_string($con, $_POST['id']);
18
19     $firstname = mysqli_real_escape_string($con, $_POST['firstname']);
20     $lastname = mysqli_real_escape_string($con, $_POST['lastname']);
21     $email = mysqli_real_escape_string($con, $_POST['email']);
22     $schoolyear = mysqli_real_escape_string($con, $_POST['schoolyear']);
23
24     $query = "UPDATE user SET firstname='$firstname', lastname='$lastname',
25     email='$email', schoolyear='$schoolyear' WHERE id='$id' ";
26     $query_run = mysqli_query($con, $query);
27
28     echo '<script>alert("You successfully update a record!")</script>';
29     echo "<script>window.history.go(-2)</script>";
30
31 }

```

This is for the delete button.

```

5  if(isset($_POST['delete_instructor']))
6  {
7      $id = mysqli_real_escape_string($con, $_POST['delete_instructor']);
8
9      $query = "DELETE FROM user WHERE id='$id' ";
10     $query_run = mysqli_query($con, $query);
11     echo '<script>alert("You successfully delete a record!")</script>';
12     echo "<script>window.history.back()</script>";
13 }

```

For the student tab in the menu, here is the code in displaying the information from the database inside the table.

```

<tbody>
    <?php
        $query = "SELECT * FROM table_student";
        $query_run = mysqli_query($con, $query);

        if(mysqli_num_rows($query_run) > 0)
        {
            foreach($query_run as $student)
            [
                ?
                <tr>
                    <td><?= $student['Name']; ?></td>
                    <td><?= $student['STUDENTID']; ?></td>
                    <td><?= $student['SECTION']; ?></td>
                    <td>
                        <a href="student-view.php?id=<?= $student['ID']; ?>" class="btn-view">
                            <i class="fa-solid fa-eye"></i></a>
                        <a href="student-edit.php?id=<?= $student['ID']; ?>" class="btn-edit">
                            <i class="fa-solid fa-user-pen"></i></a>
                        <form action="code.php" method="POST" class="d-inline">
                            <button type="submit" name="delete_student" value="<?=$student['ID'];?>" class="btn-delete"><i class="fa-solid fa-trash"></i></button>
                        </form>
                    </td>
                </tr>
                <?php
                [
                ]
            }
            else
            {
                echo "<h5> No Record Found </h5>";
            }
        ?
    </tbody>

```

This code is for editing the student's information.

```

<?php
if(isset($_GET['id']))
{
    $id = mysqli_real_escape_string($con, $_GET['id']);
    $query = "SELECT * FROM table_student WHERE ID ='$id' ";
    $query_run = mysqli_query($con, $query);

    if(mysqli_num_rows($query_run) > 0)
    {
        $student = mysqli_fetch_array($query_run);
    }
}

```

```

?>
<form action="code.php" method="POST">
    <input type="hidden" name="ID" value="php $student['ID']; ??"&gt;

    &lt;div class="mb-3"&gt;
        &lt;label&gt;Student's Name&lt;/label&gt;
        &lt;input type="text" name="Name" value="<?php $student['Name']; ??" class="form-control"&gt;
    &lt;/div&gt;
    &lt;div class="mb-3"&gt;
        &lt;label&gt;Student Number&lt;/label&gt;
        &lt;input type="text" name="CONTACTNUMBER" value="<?php $student['CONTACTNUMBER']; ??" class="form-control"&gt;
    &lt;/div&gt;
    &lt;div class="mb-3"&gt;
        &lt;label&gt;Student Section&lt;/label&gt;
        &lt;input type="text" name="SECTION" value="<?php $student['SECTION']; ??" class="form-control"&gt;
    &lt;/div&gt;
    &lt;div class="mb-3"&gt;
        &lt;button type="submit" name="update_student" class="btn-update"&gt;
            Update Student
        &lt;/button&gt;
    &lt;/div&gt;
&lt;/form&gt;
&lt;?php
}
else
{
    echo "&lt;h4&gt;No Such Id Found&lt;/h4&gt;";
}
?&gt;
</pre

```

## For view and delete

```

student-admin > code.php
1  <?php
2  session_start();
3  require 'dbcon.php';
4
5  if(isset($_POST['delete_student']))
6  {
7      $id = mysqli_real_escape_string($con, $_POST['delete_student']);
8
9      $query = "DELETE FROM table_student WHERE ID ='$id' ";
10     $query_run = mysqli_query($con, $query);
11
12    echo '<script>alert("You successfully delete a record!")</script>';
13    echo "<script>window.history.back()</script>";
14 }
15
16
17 if(isset($_POST['update_student']))
18 {
19     $id = mysqli_real_escape_string($con, $_POST['ID']);
20     $Name = mysqli_real_escape_string($con, $_POST['Name']);
21     $CONTACTNUMBER = mysqli_real_escape_string($con, $_POST['CONTACTNUMBER']);
22     $SECTION = mysqli_real_escape_string($con, $_POST['SECTION']);
23
24     $query = "UPDATE table_student SET Name='$Name', CONTACTNUMBER='$CONTACTNUMBER', SECTION='$SECTION' WHERE ID='$id' ";
25     $query_run = mysqli_query($con, $query);
26
27     echo '<script>alert("You successfully update a student!")</script>';
28     echo "<script>window.history.go(-2)</script>";
29
30 }
31
32
33 ?>

```

## CURRICULUM VITAE

Each member of the group should provide their curriculum vitae and contains information and picture.



### Information

**Phone**  
+63-915-265-4176

**Email**  
dimplepenera01@gmail.com

**Address**  
1272 J Ramos Street  
Ibayo-Tipas, Taguig City

### Education

2022  
**Tertiary**  
Technological Institute of the Philippines

2020  
**Senior High School**  
Arellano University-PASIG

2018  
**Junior High School**  
Tipas National High School

# Dimple Fe A. Penera

To encounter a new environment that can influence me to discover and enhance my skill also securing a responsible career opportunity to use my interpersonal skill that will benefit the company's satisfaction.

### Experience

- 2021-2022  
Golden Arches Development Corporation | Pasig City  
**Service Crew**
- 2020 - 2021  
Jenny's Freelance | Online  
**Freelance Encoder**

### Expertise

- 💡 Graphic Design
- 📄 Word Documents and Excel
- 📅 Time Management
- 💬 Good Communication Skills
- 🧩 Problem Solving Skills
- 📊 Flexibility

### Language

- English
- Filipino

### Reference

**Jhem A Medina**  
ESL Teacher, Innoven Contents Center  
**Phone:** 0936-228-8064  
**Email:** medinajhem267@gmail.com

**John Lenard Nocum**  
Travel Agent, Concentrix  
**Phone:** 0927-366-7253  
**Email:** jhnlndncm0212@gmail.com



## Information

---

**Phone**

+63-929-710-8062

**Email**

chelsmibulos@gmail.com

**Address**

Bldg. 27-428 Vitas Katuparan  
Tondo Manila

## Education

---

2022

**Tertiary**

Technological Institute of the Philippines

2018

**Senior High School**

Emilio Aguinaldo College- Manila

2016

**Junior High School**

Dr. Juan G. Nolasco High School

# Chelsy Marie B. Mibulos

To allow me to grow professionally, while being able to utilize my strong organizational, educational, and exceptional people skills. Give best quality service and demonstrate the competence that satisfies the interest of the company.

## Experience

---

○ 2018-2022

J and F Food Corporationl SM Manila Mcdonalds  
**Service Crew**

## Expertise

---



Innovator



Time Management



Good Communication Skills



Problem Solving Skills



Programming skills

- Java
- MySQL
- PHP
- JavaScript
- C Language



Flexibility

## Language

---

- English

- Filipino

## Reference

---

**David Andrey Nido**

Customer Service Representative  
Concentrix Philippines Inc.  
Phone: 0997 519 0299  
Email: davidnido@gmail.com

**Lyan John Alcala**

Analyst  
Shopee Philippines Inc.  
Phone: 0936 042 3630  
Email: jjohnalcala@gmail.com



## Information

---

**Phone**  
+63-915-641-2142

**Email**  
mfcdoniego@tip.edu.ph

**Address**  
480 Talipapa Road Caybiga  
Caloocan City

## Education

---

- 2022  
**Tertiary**  
Technological Institute of the Philippines
- 2020  
**Senior High School**  
University of the East Caloocan Campus
- 2018  
**Junior High School**  
Caybiga High School

# Freddierick C. Doniego

With the knowledge I've gained, I want to be able to build a solid foundation for the firm and the client. I also want to be able to solve challenging problems that will improve my talents and lead to the development of ground-breaking concepts for the betterment of humanity.

## Experience

---

- 2019-2020  
Robotics  
**OJT**
- 2019-2020  
Robotics Competition  
**Class Representative**

## Expertise

---

- Imaginative and Innovator
- Good Communication Skills
- Problem Solving Skills
- Programming skills
  - Java
  - MySQL
  - PHP
  - JavaScript
  - C#/C

## Language

---

- English
- Filipino

## Reference

---

**Emmanuel Martinez**  
Colleague

Phone: 0951-927-9668  
Email : manueruuuu@gmail.com

**John Kenneth Barrameda**  
Colleague

Phone: 0977-773-0235  
Email : kennethbarrameda03@gmail.com



## Information

---

**Phone**  
+63-945-461-9285

**Email**  
seangacela26@gmail.com

**Address**  
Pob 4. Calatagan Batangas

## Education

---

2022  
**Tertiary**  
Technological Institute of the Philippines

2020  
**Senior High School**  
STI College Balayan

2018  
**Junior High School**  
Our Lady of Carmel School

# Sean Roger A. Gacela

To be able to establish a great foundation for the benefit of both the company and the customer with the accomplishments I've learned and to solve problematic issues that can enhance my skills while discovering innovative ideas for the future of Human benefaction.

## Achievements

---

- 2019-2020  
Facial Recognition Device Application  
**Class Presentation (SHS)**

## Expertise

---

- 💡 Innovation and Creativity
- 💬 Good Communication Skills
- 🧠 Critical thinking skills
- 💻 Program-solving skills
- ✉️ Transferrable Data
- ⌚ Adaptability

## Language

---

- English
- Filipino

## Reference

---

**Sienna Martinez**  
Colleague

**Phone:** 0936-564-8976  
**Email :** Smartinez43@gmail.com

**Ferdinand Fuego**  
Colleague

**Phone:** 0923-564-6784  
**Email :** FerdinandFuego564@gmail.com

## HONOR PLEDGE

Each member should sign the honor pledge with their printed name and signature.



Doniego, Freddierick C.



Dimple Fe A. Penera



Gacela, Sean Roger A.



MIBULOS, CHELSY MARIE B