Features of the System

Admin:

1. Encode Class section
2. Encode Student info – with qr code, barcode
   * View qr code and view barcode
3. Encode Department
4. Encode Employee
   * View qr code and view barcoded
5. Attendance Module
   * Student will scan their id with qr or barcode or input their ID number
   * employee will scan their id with qr or barcode or input their ID number
   * The system will send SMS and Email to the parent number
6. Allow admin to use certain type of SMS and Email API
7. Report
   * Attendance report per date
   * Attendance report per student/employee
   * Attendance per class section, department
8. Archive Record of Students and Employee by enrollment, example if student is added to class 1, admin can archive that records.-OPTIONAL

Student:

• View attendance record

Faculty

• View attendance record

Front-end

• 3 versions

o QR code version

o Barcode version

o Manual version

Use Multiple API for SMS and Email

explain and discuss the features of the project

#####################################################################################

**Database Design**

**tbl\_class\_section**

* class\_section\_id
* section\_name

**tbl\_student**

* student\_id
* student\_id\_number
* student\_complete\_name
* student\_email\_address
* student\_contact\_number
* student\_profile\_image
* s\_username
* s\_password
* class\_section\_id

**tbl\_department – payslip\_distribution system**

* department\_id
* department\_code
* department\_description

**tbl\_employee**

* employee\_id
* employee\_id\_number
* department\_id
* employee\_name
* email\_address
* contact\_number
* e\_gender
* profile\_picture
* e\_username
* e\_password

**tbl\_student\_attendance**

* attendance\_id
* date\_time\_recorded
* student\_id
* class\_section\_id

**tbl\_employee\_attendance**

* attendance\_id
* date\_time\_recorded
* employee\_id
* department\_id

TODO

1. CRUD
   1. Class section
   2. Student info
   3. Department
   4. Employee info
2. View qr code and view barcoded
   1. student\_qr\_barcode.php – this module will display the student\_id\_number, student\_complete\_name, class\_section and the view QR Code ID and view Barcode ID button
   2. view QR Code ID button will open a modal that displays the QR Code of the student, student\_id\_number, student\_complete\_name, class\_section, student\_profile\_image
   3. view Bacode ID button will open a modal that displays the Barcode of the student, student\_id\_number, student\_complete\_name, class\_section, student\_profile\_image
3. employee version
   1. employee\_qr\_barcode.php – this module will display the employee\_id\_number, employee\_name, deparment and the view QR Code ID and view Barcode ID button
   2. view QR Code ID button will open a modal that displays the QR Code of the employee, employee\_id\_number, employee\_name, deparment, profile\_picture
   3. view Bacode ID button will open a modal that displays the Bacode Code of the employee, employee\_id\_number, employee\_name, deparment, profile\_picture
4. Design the front.end scanning
   1. QR Code Version – continue with this module
   2. Barcode Version
   3. Manual
5. Attendance report per date
   1. It will display the following:
      1. student\_id\_number
      2. student\_complete\_name
      3. section\_name
      4. date\_time\_recorded
   2. this list is filtered by date from and date to
6. Student Attendance Report
   1. student\_list.php, this page will display the following:
      1. student\_id\_number
      2. student\_complete\_name
      3. view attendance button
   2. note display student list that only appears in the tbl\_student\_attendance
   3. view attendance button will open another page student\_attendance\_report.php using post method
7. Student Attendance Report
   1. student\_attendance\_report.php this page will display the following
      1. student\_id\_number
      2. student\_complete\_name
      3. section\_name
      4. date\_time\_recorded
   2. it is filtered by student id based on the selected row in the student\_list
8. Attendance by Class Section
   1. class\_section\_list.php this page will display the following:
      1. section\_name
      2. view attendance button – this will open another page, class\_section\_attendance\_report.php using the post method
      3. note display section\_name that only appears in the tbl\_student\_attendance
   2. class\_section\_attendance\_report.php will display the following:
      1. student\_id\_number
      2. student\_complete\_name
      3. section\_name
      4. date\_time\_recorded
      5. this is filtered by class\_section\_id based on the selected row in the class\_section\_list.php
9. Student Account
10. In the dashboard of the student, it will include
    1. It has 1 card, that compute or count the number of attendance of the logged.in student
    2. Below the card is the table that shows the following:
       1. student\_id\_number
       2. student\_complete\_name
       3. section\_name
       4. date\_time\_recorded
    3. this is filter by $\_SESSION['user\_id'], this is the student\_id of the logged in user