



**សាកលវិទ្យាល័យ ពុទ្ធិសាស្ត្រា**

University of Puthisastra

# Website Project

## Topic: School Management System

Lecturer : Lypengleang Seang

Course : Dynamic Web App

Year : III

Semester : II

Academic Year: 2019 – 2020

By School Management System Group

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Ms. Sreynech Chhem

Ms. Samai Duch

DATE :DD/MM/YYYY

Date: 03/08/2020

# Dynamic Web Development Report

## Week I

### What is the project about?

- My team decided to create the school management system to help the school easy to manage the student, teacher, student parent, and classroom information.

### Why we choose this topic?

- We choose this topic because
  - ✚ We help the school easy to manage the information. Save the paper to record the information, save resource, save time to find the information.
  - ✚ If we reduce the recourse, paper, time so we can save the economics of the school. Especially we work faster to find the information.

### What is our goal of making this happen?

#### Our Goal:

- This system provide functionality to the school easy manage the student, teacher, parent, classroom.
- For **student feature** can view the information of student, create new student, update the student, and delete the student.

- For **parent student feature** can view the information of the student parent, create new parent, update the parent and delete the parent.
- For **teacher feature** can view the information of the teacher, create new teacher, update the teacher, and delete the teacher.
- For **classroom feature** school create the class name room, update the classroom, view, and delete.
- For **dashboard feature** user can go see the amount of teacher and student in their school.
- For **contact us** feature the user can input first name and last, and write text they wanna to write and click submit to the school.

### How my team build this platform?

- First, we make discussion than we saw the school problem that difficultly to manage and find the information of the student, teacher, parent, and class. So decide to choose the school management system. Second, user login into the system. we have 4 members so we give difference job for everyone:
  - **Ramekh Chhoeng**: Classroom feature, reset password, contact us feature.
  - **Virak Rim**: Student, dashboard, login, logout.
  - **Sreynech Chhem**: Parent feature, Report.
  - **Samai Duch**: Teacher feature, README file and Slide.

Firstly, we build static of frontend by using free template that we have download on the internet. We using HTML, CSS, PHP, jquery, and bootstrap to develop the frontend. Moreover, for backend we use MYSQL to develop our system.

During develop the system we face many problem but we have do research on stack overflow, YouTube, and keep asking team to discuss more.

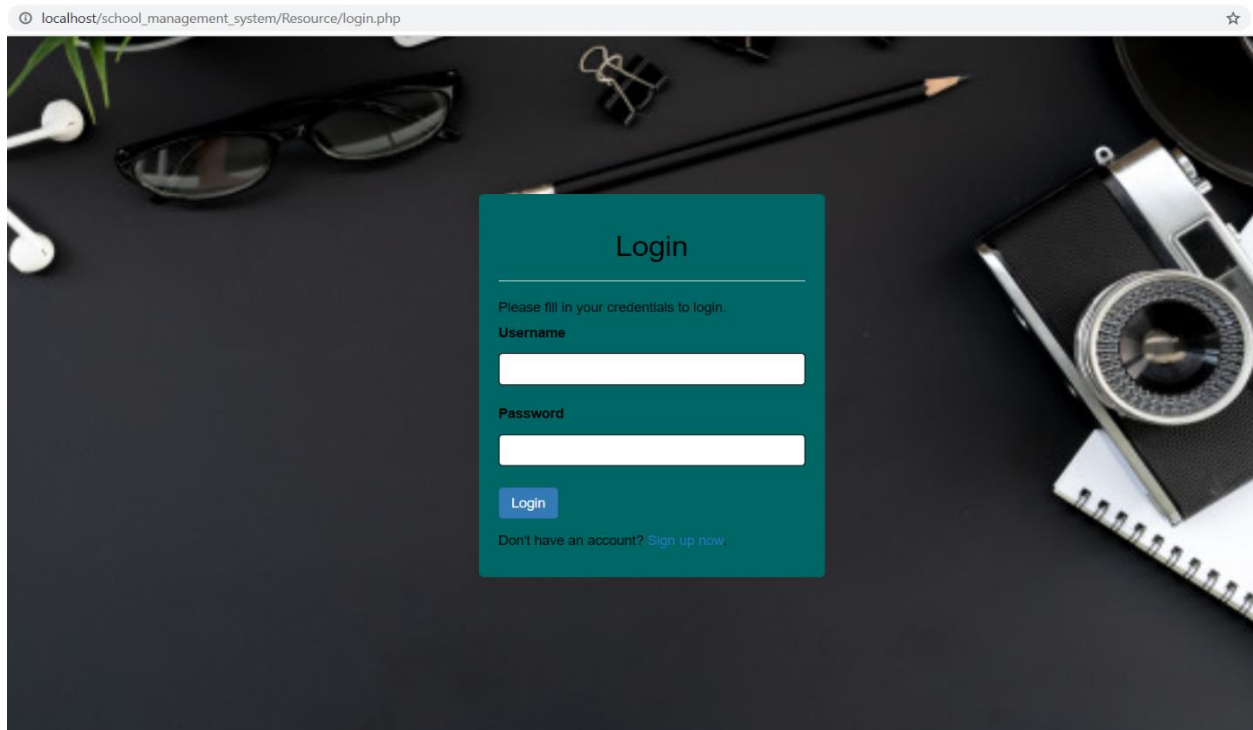
## **Week II**

We can update our static system to become a dynamic system by using PHP connect with MYSQL and update more standard interface to be dynamic useful.

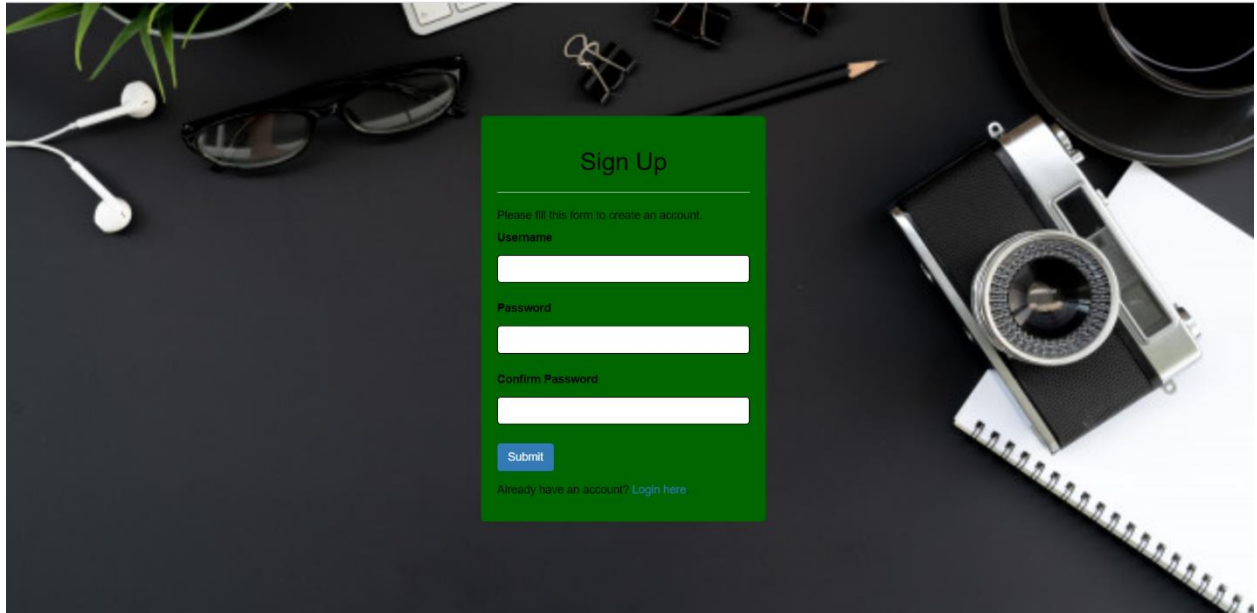
## Our Platform


### ➤ Frontend

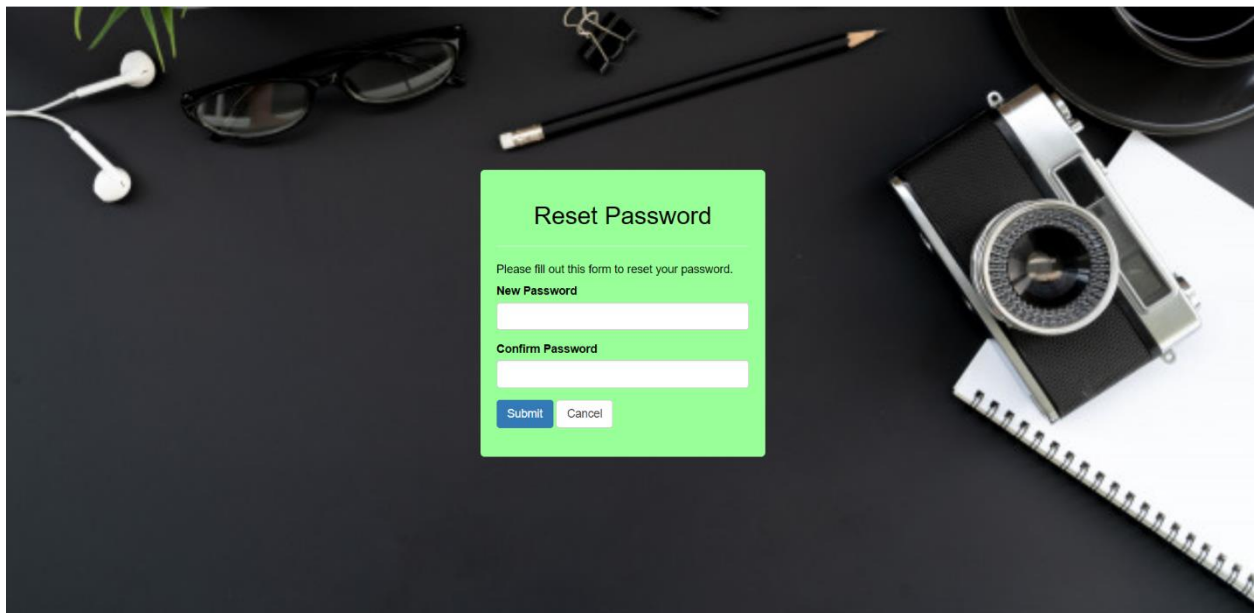
- ✚ **Login:** This feature allow user go to login into the system for use. User go to login form than fill the data: username, Password than click on [Login] button.



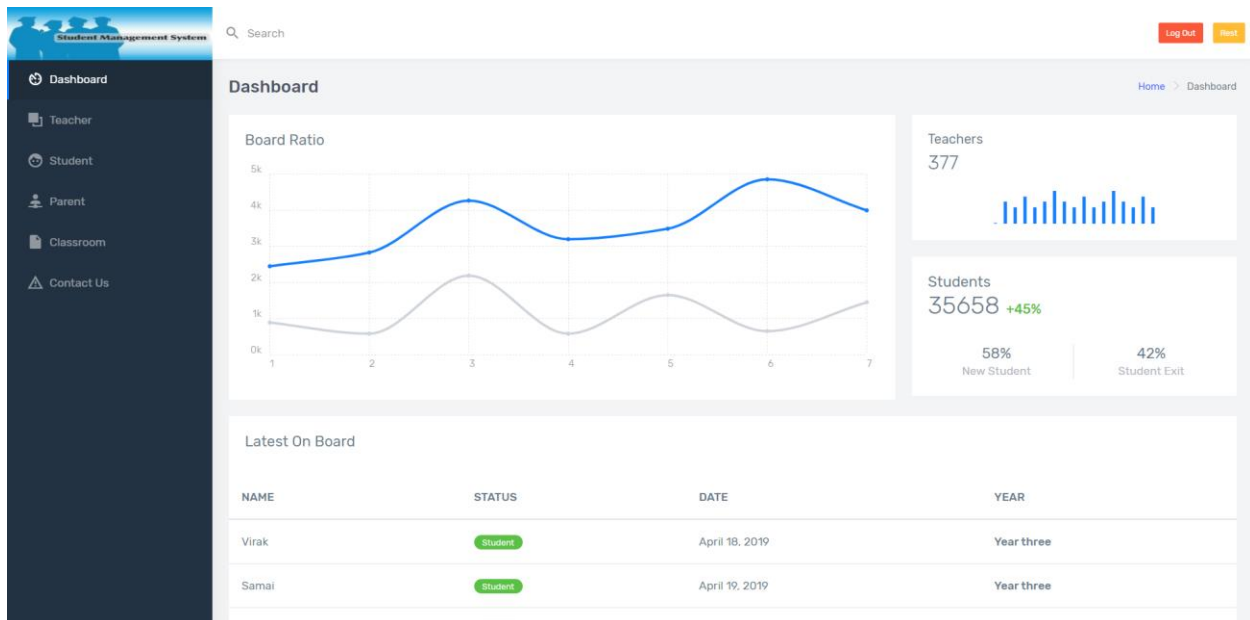
- ✚ **SignUp:** this feature allow user go create their own account in the system. user go to Sign Up form than fill in data: username, password, confirm password than, than click on [submit] button.



 **Reset Password:** This feature allow user go reset password. When user go to reset password form fill in data: new password, confirm password than click on [submit] button.



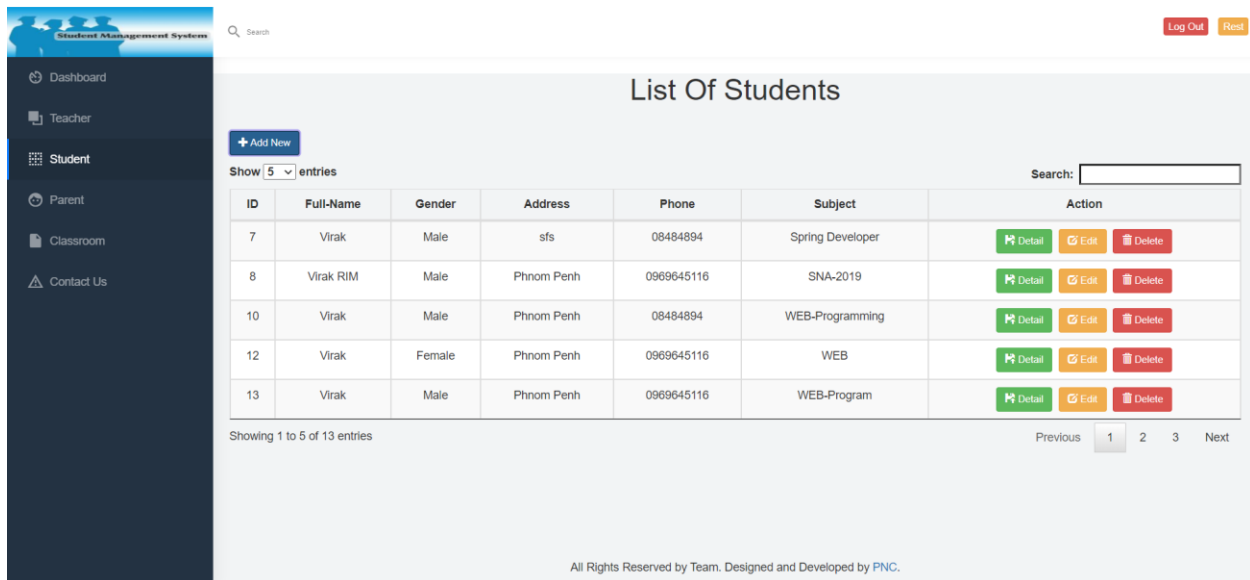
**Dashboard:** This feature allow user go to manage the amount of teacher and amount of students in the school.



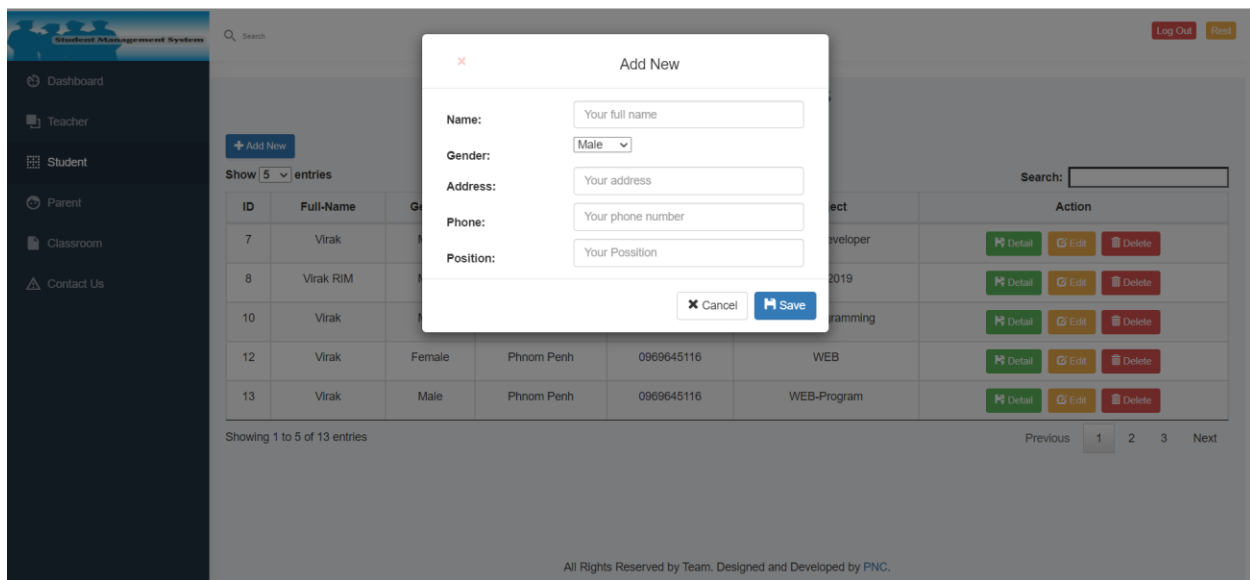
**Contact us:** This feature allow student fill in their information and their commend then click on [submit] button.

The screenshot shows the 'Contact Us' page within the 'School Management System'. The sidebar and top navigation are identical to the dashboard. The main content area is titled 'Contact Us' with a subtitle 'Student managemetrn system can contact us:'. On the left is a decorative image of a camera and autumn leaves. On the right is a contact form with fields for 'First Name', 'Last Name', 'Category' (a dropdown menu currently showing 'Teacher'), and 'Subject' (a text area with the placeholder 'Write something..'). A green 'Submit' button is at the bottom right of the form.

- List Student: this feature allow user go to manage list of student in the school.

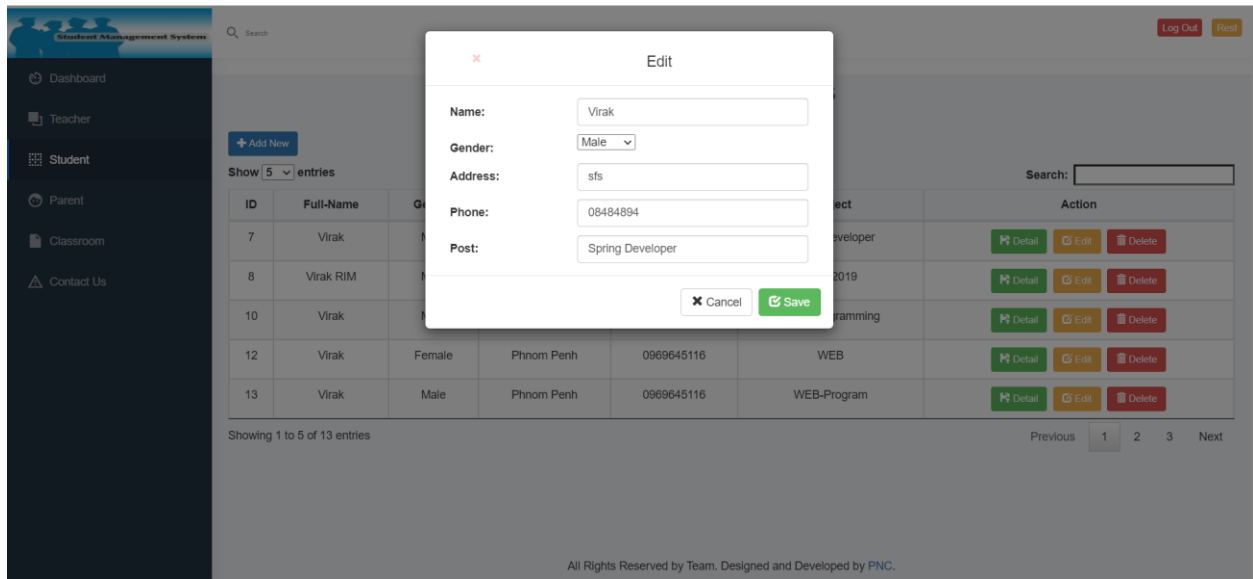


- Add new student: this feature allow user go to add new student that has been register in the school.

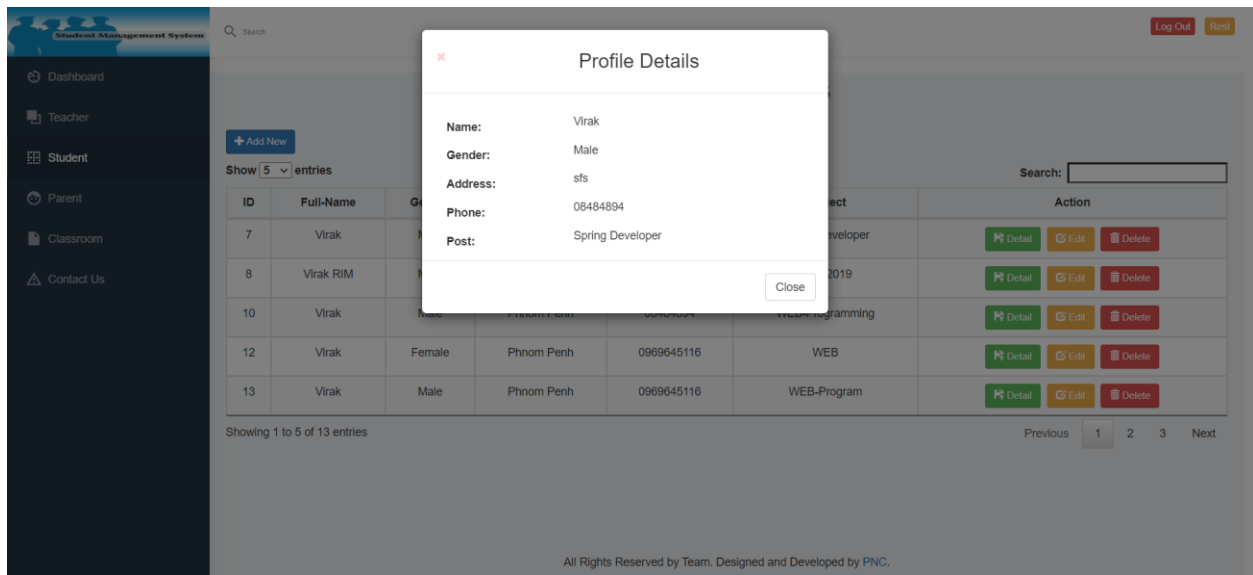




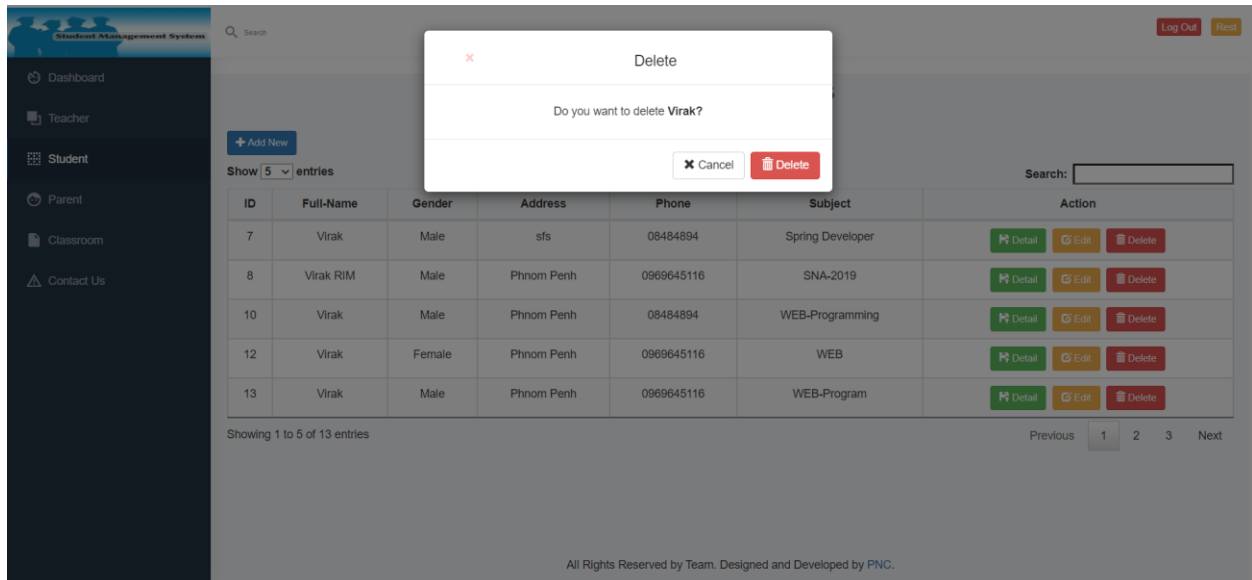
✚ Edit Student: this feature allow user go to edit the student information in school.



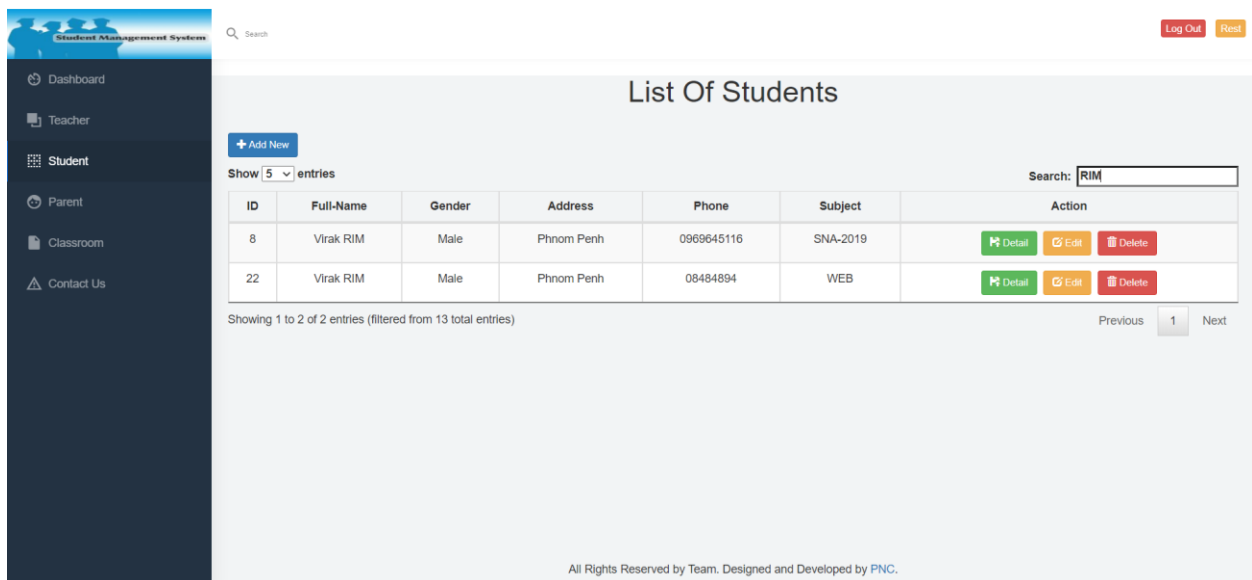
✚ View Student: this feature allow user go to view details of student information in school.



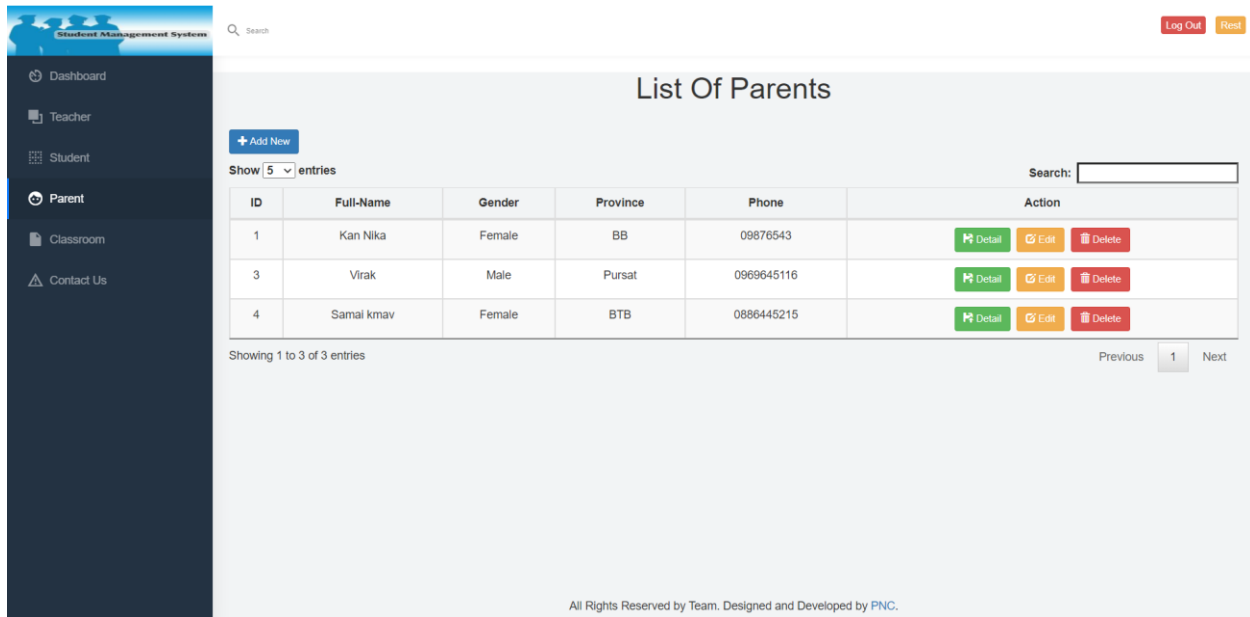
- + Delete Student: this feature allow user go to delete the student information school.



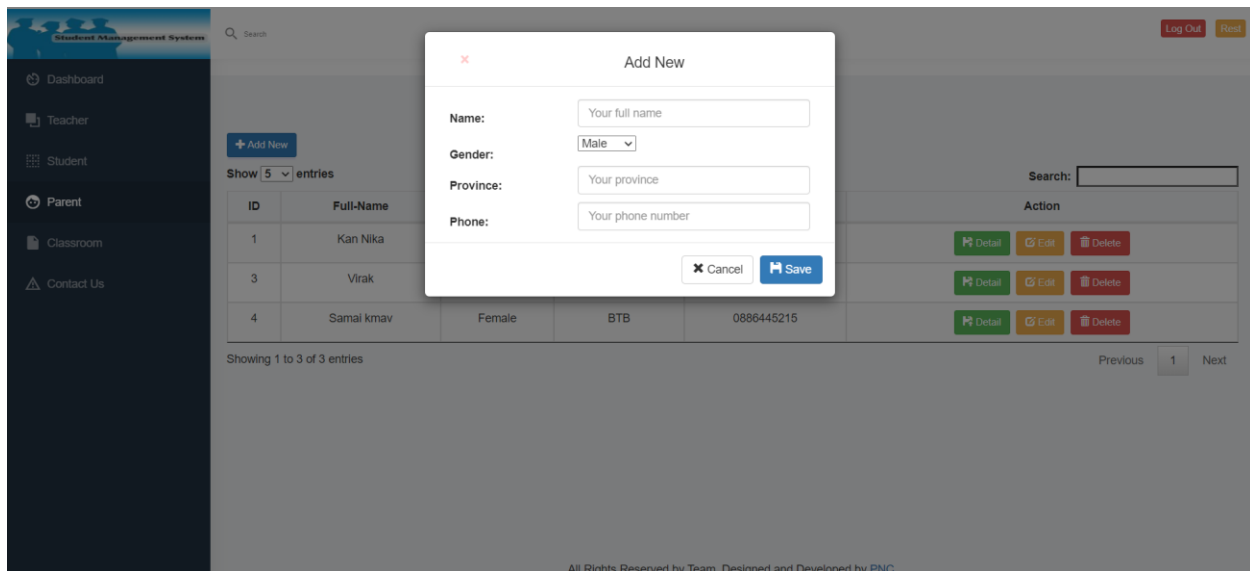
- + Search Student: this feature allow user go search on box search with specific student.



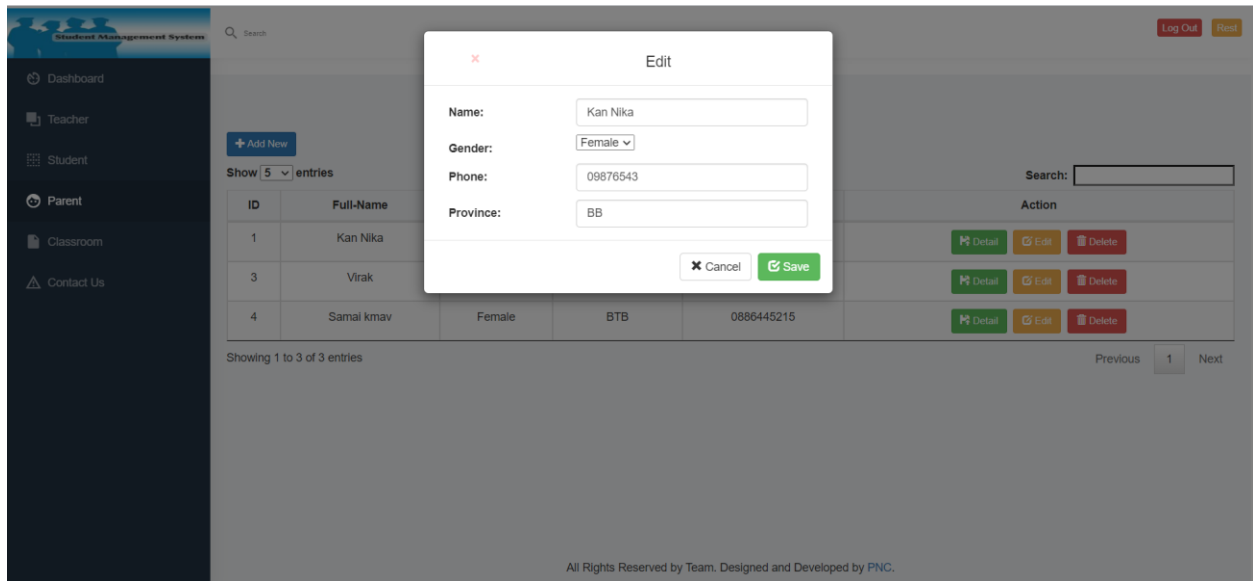
- + List Parent: this feature allow user go to manage the list of the student parent information in school.



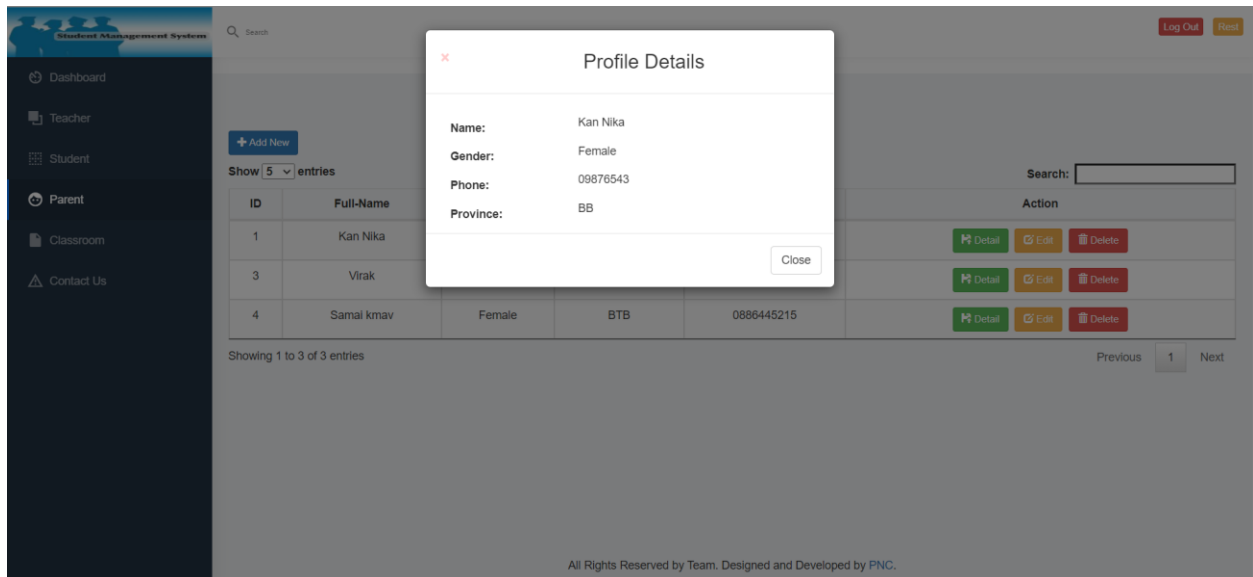
- + Add new parent: this feature allow user go to add new parent of student in school.




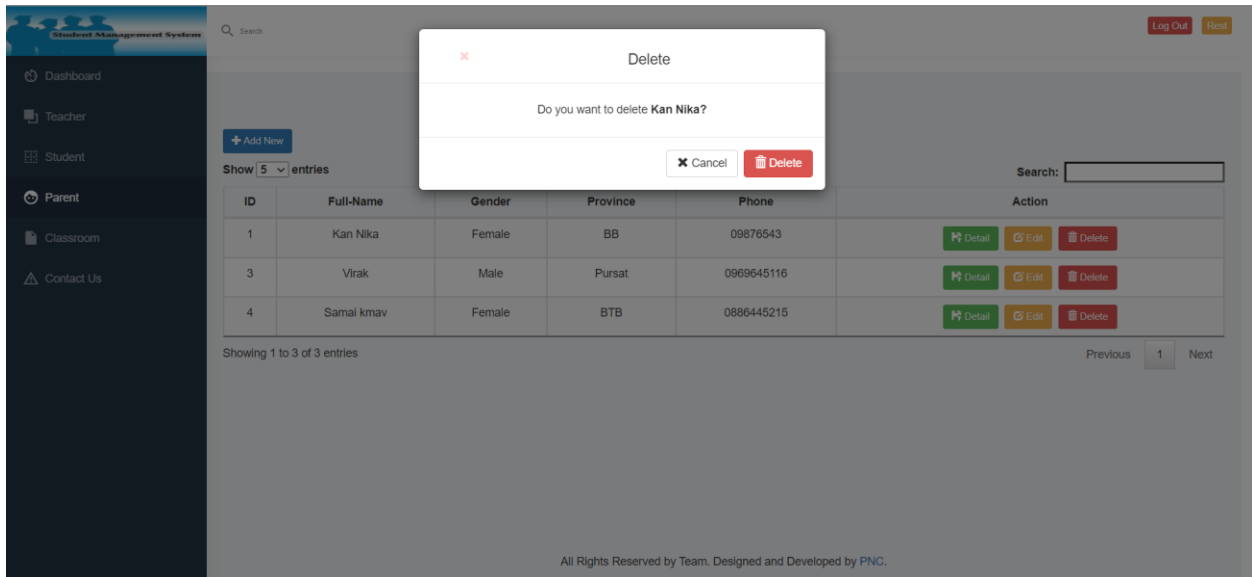
- ✚ Update Parent: this feature allow user go edit the parent of the student in school.



- ✚ View Parent: this feature allow user go to view details of parent information.




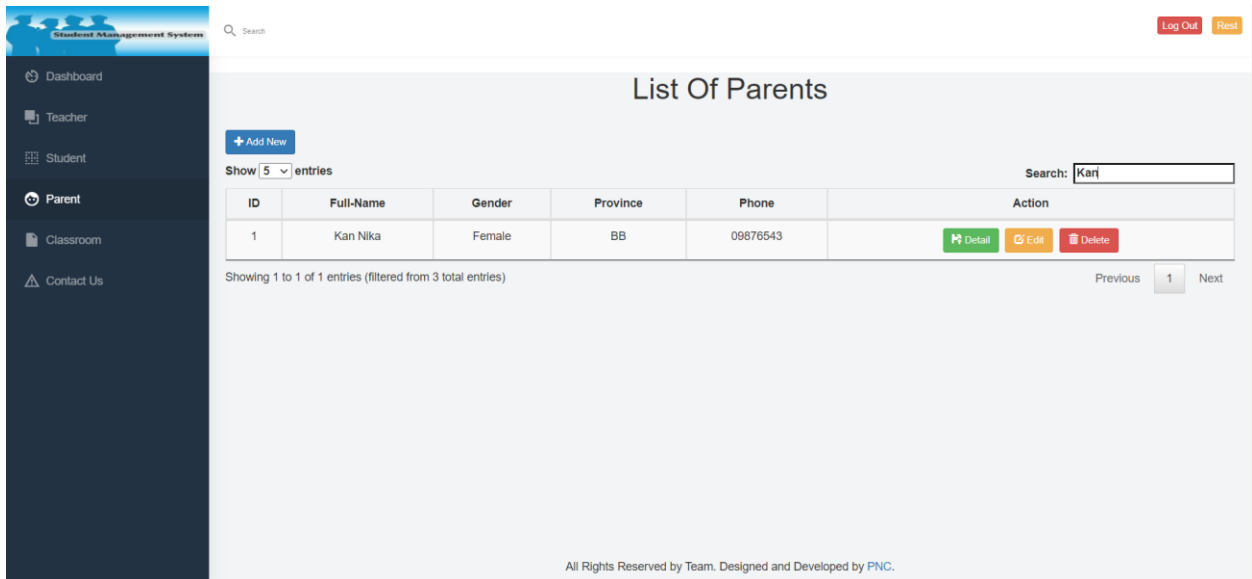
 Delete Parent: this feature allow go to delete the parent of the student.



The screenshot shows a confirmation dialog box titled "Delete" with the message "Do you want to delete Kan Nika?". Below the message are two buttons: "Cancel" and "Delete". In the background, the "List Of Parents" table is visible, showing three entries. The first entry, "Kan Nika", is highlighted, indicating it is the selected parent for deletion.

| ID | Full-Name  | Gender | Province | Phone      | Action   |
|----|------------|--------|----------|------------|--|
| 1  | Kan Nika   | Female | BB       | 09876543   | <a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Delete</a> |
| 3  | Virak      | Male   | Pursat   | 0909645116 | <a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Delete</a> |
| 4  | Samal kmav | Female | BTB      | 0886445215 | <a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Delete</a> |

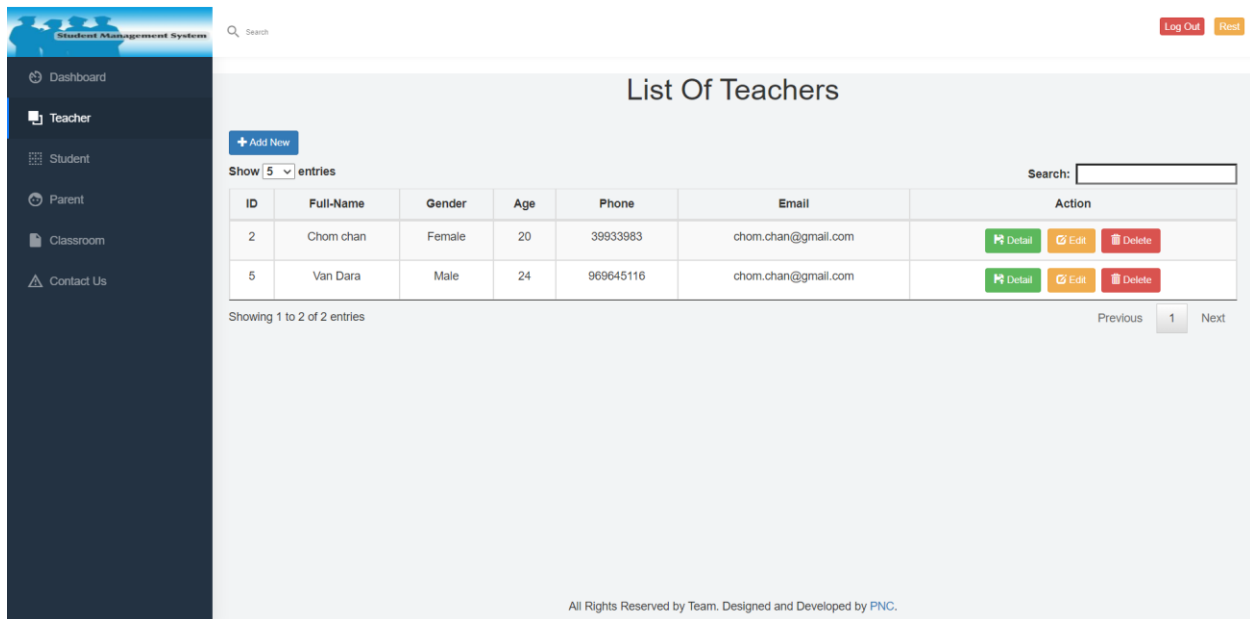
 Search Parent: this feature allow user go to search specific parent of the student.



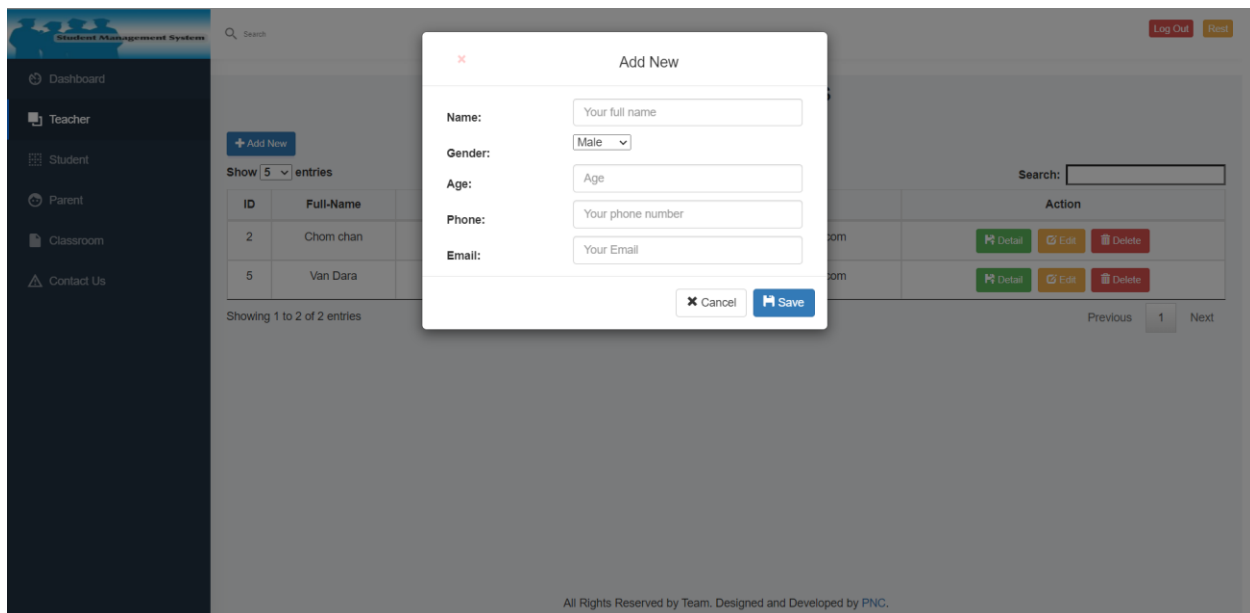
The screenshot shows the "List Of Parents" page with a search bar containing the text "Kan". The table displays only one entry, "Kan Nika", which matches the search criteria. The status below the table indicates "Showing 1 to 1 of 1 entries (filtered from 3 total entries)".


| ID | Full-Name | Gender | Province | Phone    | Action   |
|----|-----------|--------|----------|----------|--|
| 1  | Kan Nika  | Female | BB       | 09876543 | <a href="#">Detail</a> <a href="#">Edit</a> <a href="#">Delete</a> |

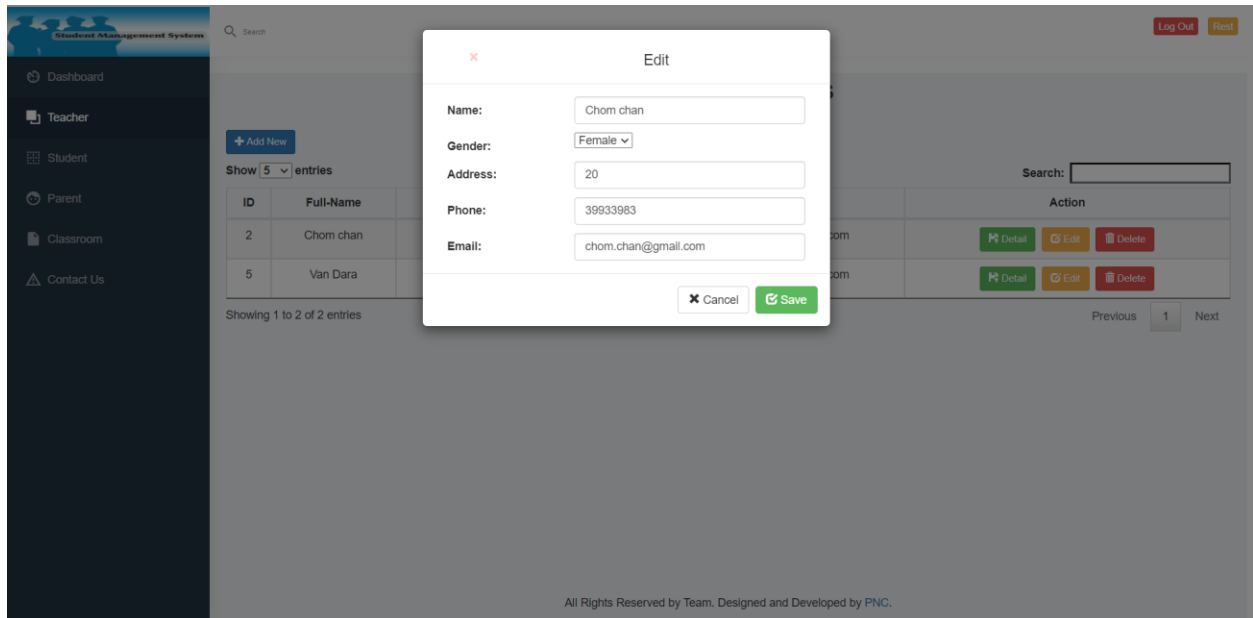
- List Teacher: this feature allow user go to manage the list of teacher information.




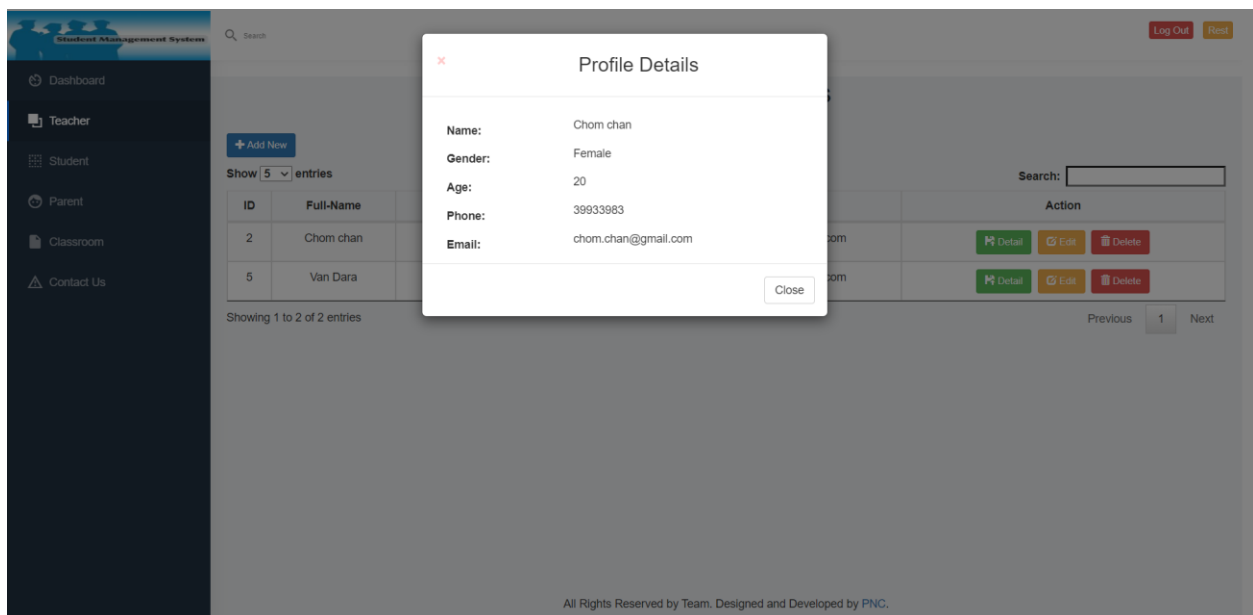
- Add new teacher: this feature allow user add new teacher.



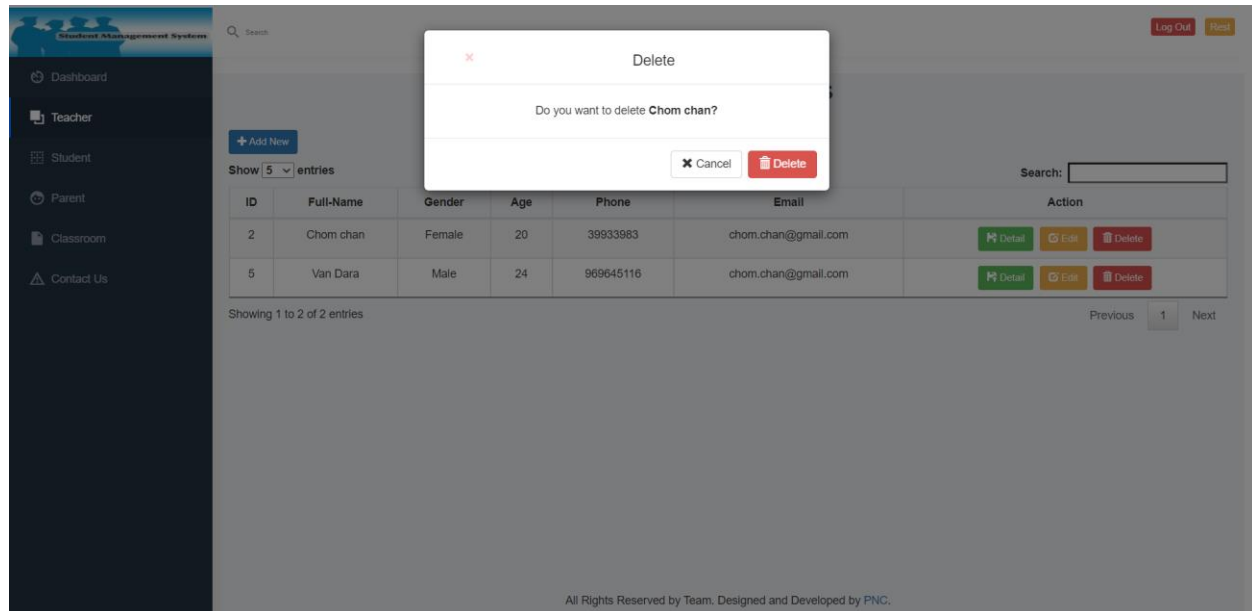
 **Update Teacher:** this feature allow user go to edit the information of the teacher.



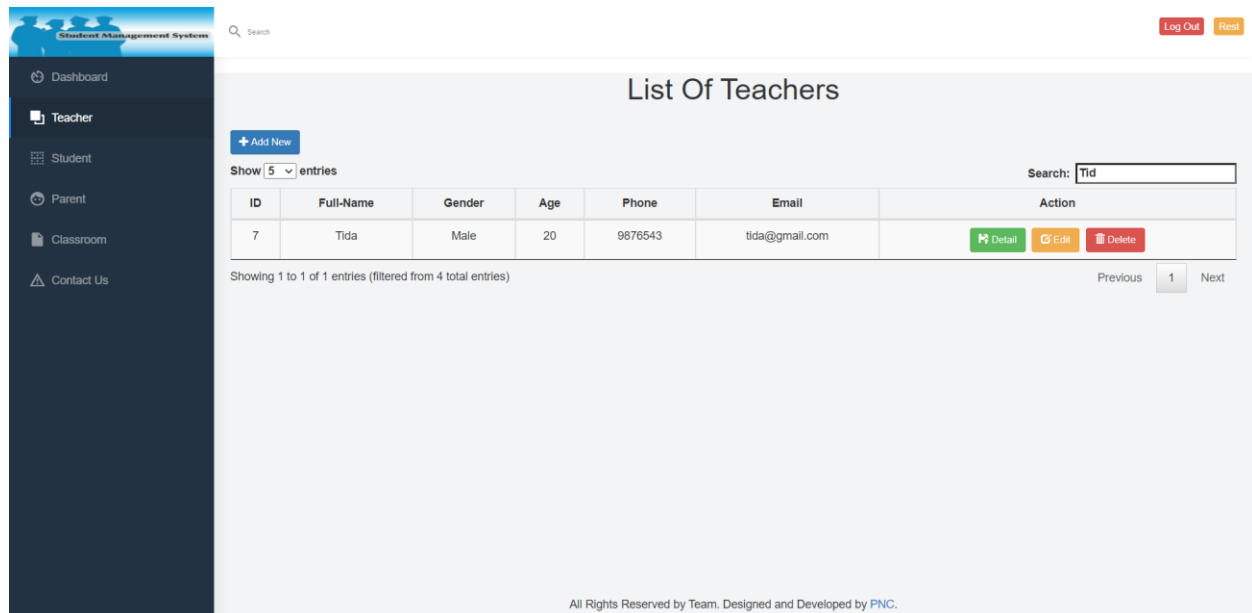
 **View Teacher:** this feature allow user go to view details information of the teacher.



- + Delete Teacher: this feature allow user go to delete the information of teacher.

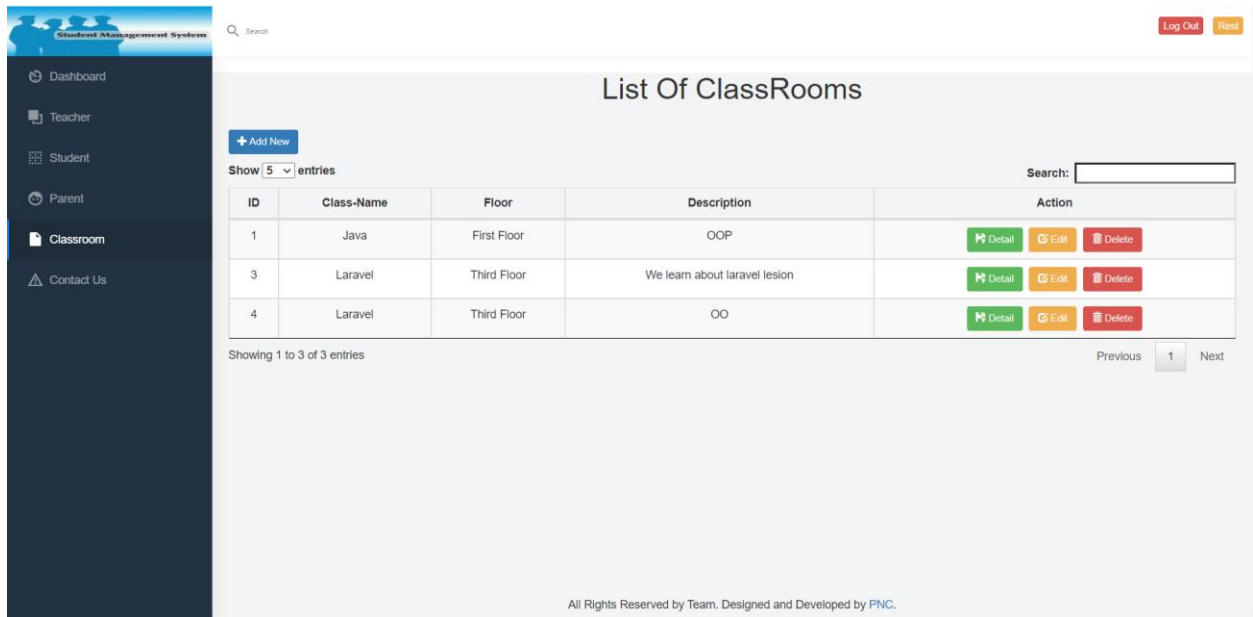


- + Search Teacher: this feature allow user go to search specific the teacher.

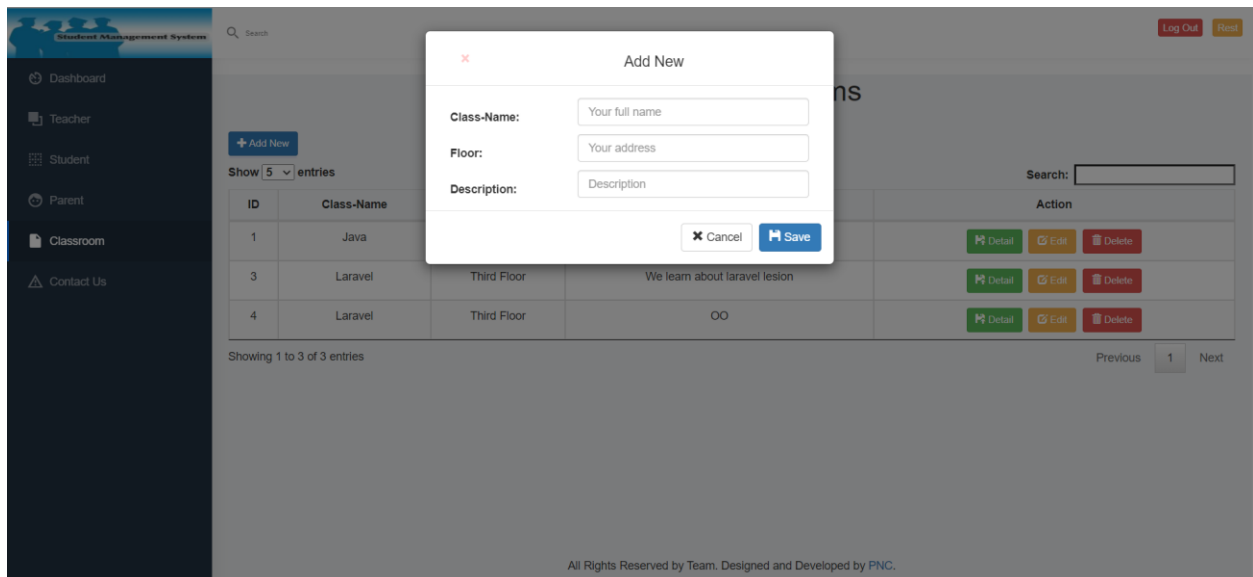




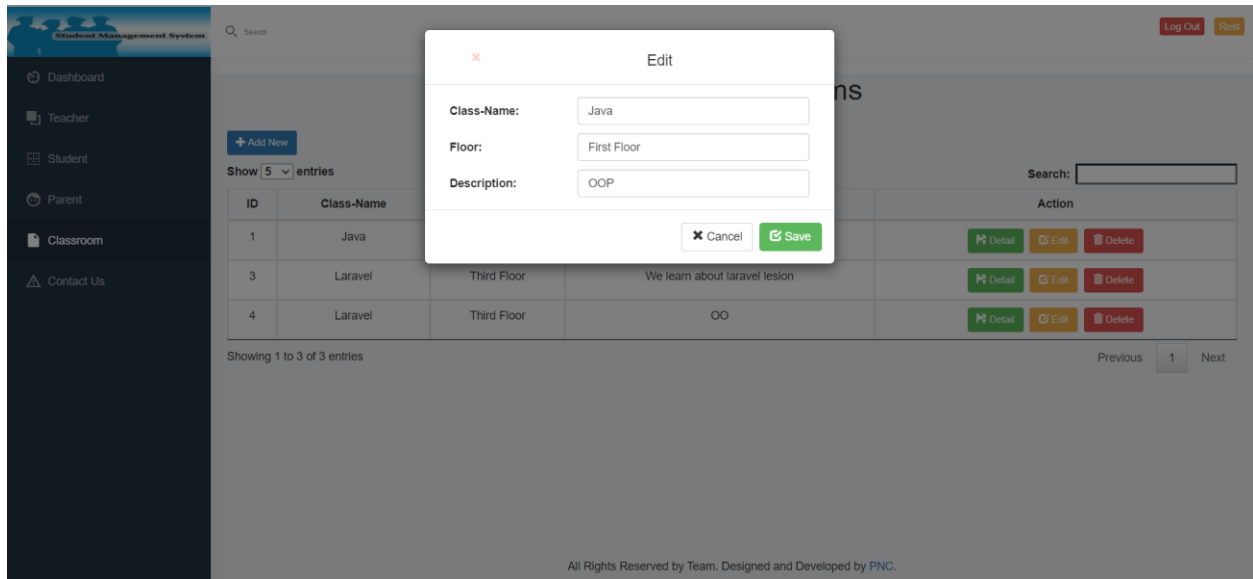
- List Classroom: this feature allow user go to manage classroom list information.



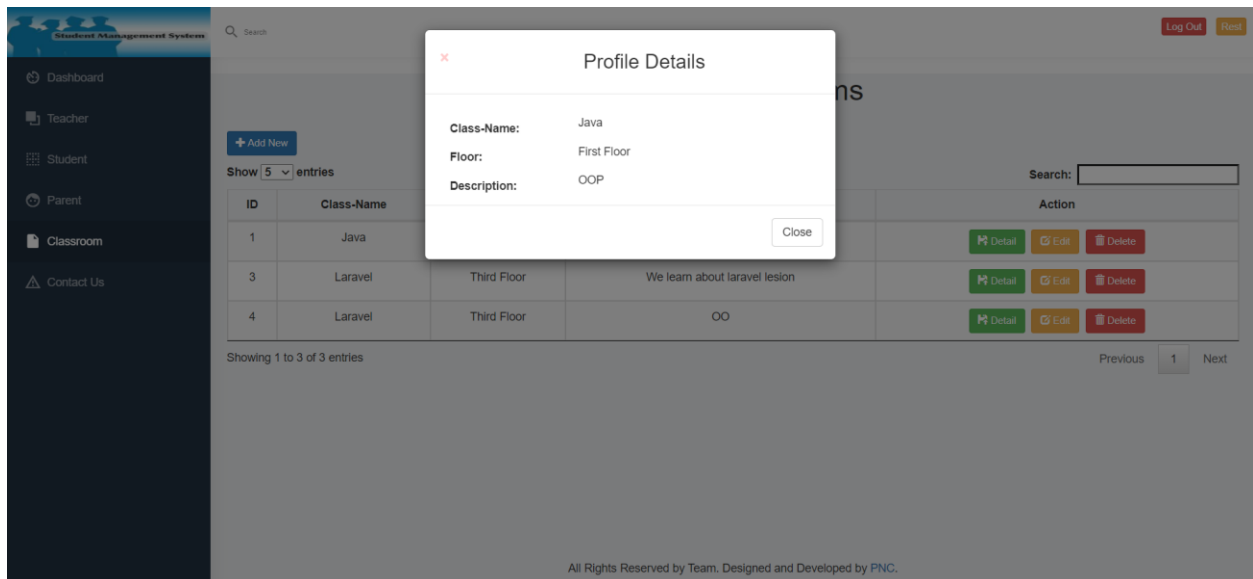
- Add classroom: this feature allow user go to add new classroom.



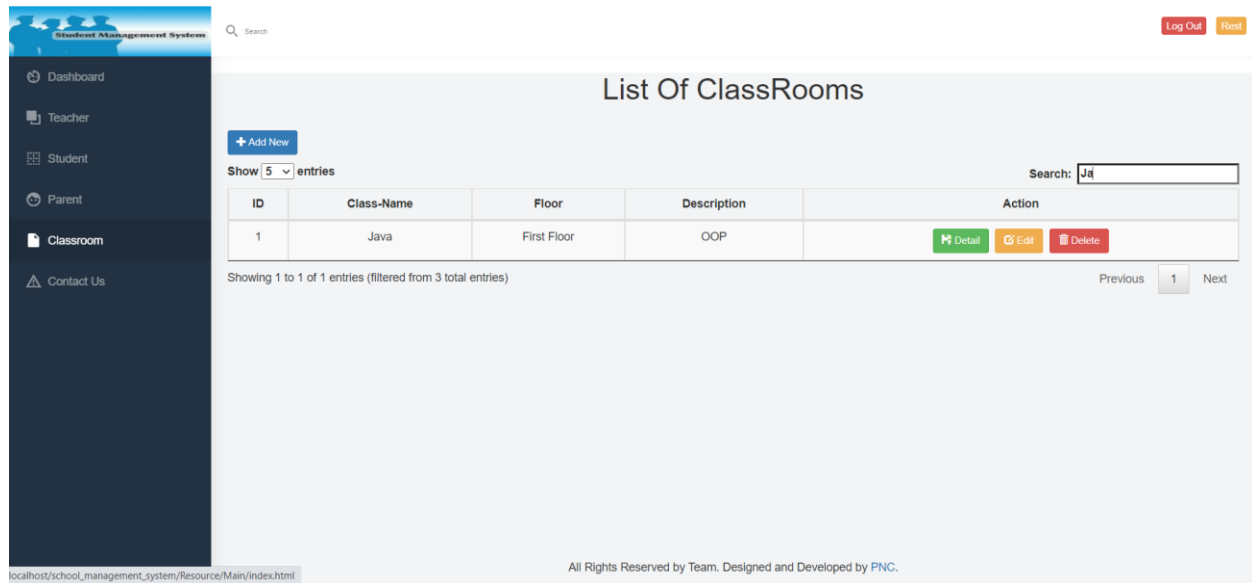
- ✚ Update Classroom: this feature allow user go to edit the classroom information.



- ✚ View Classroom: this feature allow user go to view details the information of the classroom.



- **View Classroom:** this feature allow user go to search specific classroom information.



## ➤ The best 5 feature in system

1. Login and Signup
2. Student
3. Teacher
4. Parent
5. Classroom

## ➤ Database structure

| php_crud teacher |              |
|------------------|--------------|
| tea_id           | int(11)      |
| tea_name         | varchar(200) |
| tea_email        | text         |
| gender           | text         |
| age              | int(200)     |
| phone            | int(200)     |

| php_crud student |              |
|------------------|--------------|
| id               | int(11)      |
| name             | varchar(100) |
| gender           | varchar(6)   |
| address          | varchar(255) |
| phone            | varchar(50)  |
| post             | varchar(50)  |

| php_crud parent |              |
|-----------------|--------------|
| id              | int(11)      |
| name            | varchar(100) |
| gender          | varchar(100) |
| phone           | varchar(100) |
| province        | varchar(100) |

| php_crud classroom |              |
|--------------------|--------------|
| id                 | int(11)      |
| class_name         | varchar(100) |
| floor              | varchar(100) |
| description        | varchar(100) |

| php_crud users |              |
|----------------|--------------|
| id             | int(11)      |
| username       | varchar(50)  |
| password       | varchar(255) |
| created_at     | datetime     |

## ➤ Backend Technology

🌈 For backend: we use PHP and MYSQL to develop.



## ➤ Tool Use For Develop

✚ For tool: we use visual studio code.



## ➤ Frontend Technology

✚ For frontend: we use many technology as below



Bootstrap 4



## ➤ Reference

 <https://getbootstrap.com/docs/4.0/components/modal/>

 <https://datatables.net/>

 <https://www.w3schools.com/>

 <https://stackoverflow.com/>

 .....

**END**