PROJECT DOCUMENT

TITLE

Students Information Management System

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ABSTRACT

Student Information Management System (SIMS) provides a simple interface for maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. The creation and management of accurate, up-to-date information regarding a students' academic career is critically important in the university as well as colleges. It will also help in saving time and effort. The user interface must be user friendly and easy to understand. The project Student Management system includes 'computerized the process'. In this Project the user has the facility to give a unique id for every student and stores the details of every number. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast. Traditionally, it was done manually. The main function of the system is to register and store student details, retrieve and these details as and when required, and also to manipulate these details meaningfully.

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ABOUT PROJECT

This project is aimed to automate the student management system. This project is developed mainly to administrate the student records. The purpose of the project entitled as to computerize the student records in colleges, schools and coaching's, to develop software which is user friendly, simple, fast and cost-effective. Students form a main part of any institution that concerns with. But the institutions find it difficult to keep details of so many students of the organization just in one stretch. It will involve a lot of pen paper work. Sometimes there will be some huge heap of files bundled up and kept together in some corner of the office. If you want any information regarding the particular student then it can be obtained by just entering the roll number or the name of the student to be searched. This student management system will make the work of storing the data in an organized way. The student management system will help in managing the student's reports will become easier with one such system. It will also help in saving time and effort. The user interface must be user friendly and easy to understand.

USERS

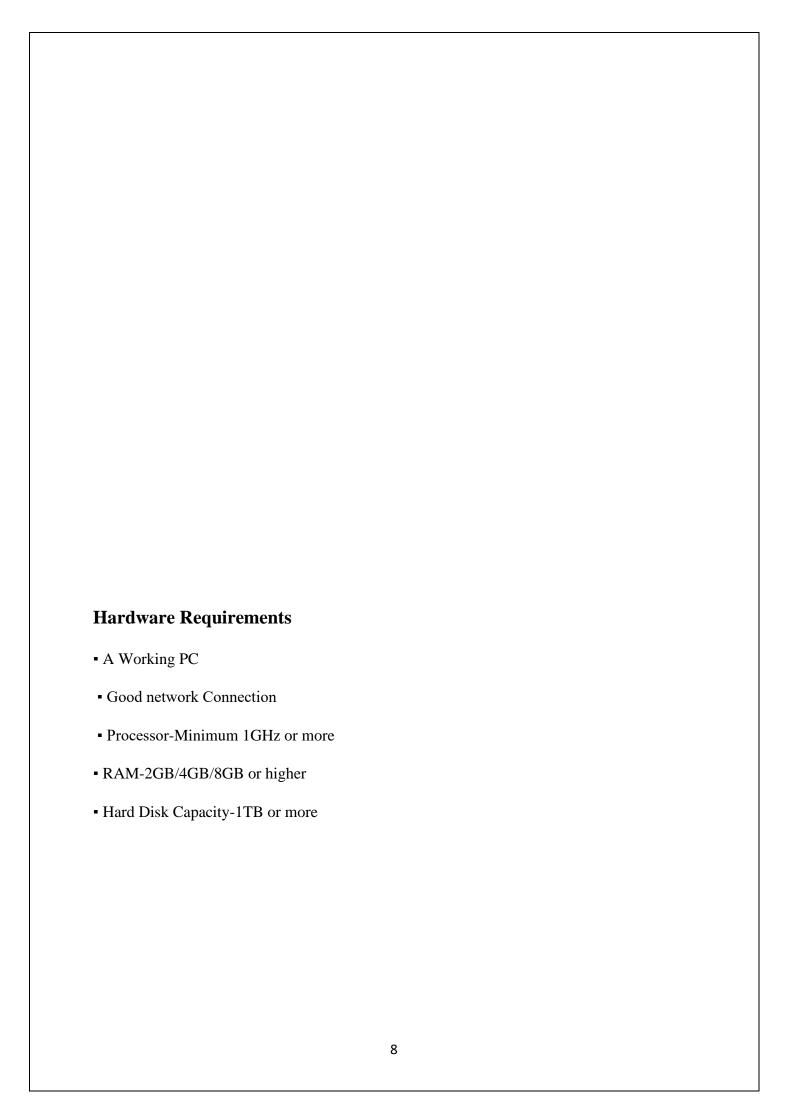Users who want to make students information computerized.

SYSTEM ANALYSIS

Software Requirements

• Operating System

• Browser-Microsoft Edge/Chrome/Mozilla

• Text Editor-Visual Studio Code /Notepad++

- HTML- Hypertext Mark-up Language, or HTML, is a mark-up language used to describe the structure of information on a web page.HTML is the foundation of a website it contains the information that tells the browser what is on the page in terms of text, links, where to find images.

- CSS- it allows web designers, developer, bloggers, and so forth to make our websites unique and attractive. CSS gives us the opportunity to play with a page layout, adjust colours and fonts, add effects to images, etc

- JavaScript- JavaScript is a programming language used primarily by Web browsers to create a dynamic and interactive experience for the user. Most of the functions and applications that make the Internet indispensable to modern life are coded in some form of JavaScript.

- Bootstrap-Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

- jQuery-jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

- NodeJs-Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser

- MySQL-MySQL is a relational database management system based on SQL – Structured Query Language. The application is used for a wide range of purposes, including data warehousing, e-commerce, and logging applications. The most common use for MySQL however, is for the purpose of a web database.

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Hardware Requirements

▪ A Working PC

 ▪ Good network Connection

 ▪ Processor-Minimum 1GHz or more

▪ RAM-2GB/4GB/8GB or higher

▪ Hard Disk Capacity-1TB or more

PROPOSED SYSTEM

Previously, the college/institutions or schools relied heavily on paper records for storing student details. While paper records are a traditional way of managing student data there are several drawbacks to this method. First, to convey information to the students it should be displayed on the notice board and the student has to visit the notice board to check that information. It takes a very long time to convey the information to the student. Paper records are difficult to manage and track. The physical exertion required to retrieve, alter, and re-file the paper records are all non-value-added activities.

This Student Information Management System provides a simple interface for the maintenance of student information. It can be used by educational institutes or colleges to

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maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using online student information management system. The paper focuses on presenting information in an easy and intelligible manner which provides facilities like online registration and profile creation of student's thus reducing paper work and automating the record generation process in an educational institution.

SOURCE CODE

Index.js

```javascript
//use path module
const path = require('path');
//use express module
const express = require('express');
//use hbs view engine
const hbs = require('hbs');
//use bodyParser middleware
const bodyParser = require('body-parser');
//use mysql database
const mysql = require('mysql');
const app = express();

//Create Connection
const conn = mysql.createConnection({
  host: 'localhost',
  user: 'root',
  password: '',
  database: 'students'
```

```javascript
});

//connect to database
conn.connect((err) =>{
  if(err) throw err;
  console.log('Mysql Connected...');
});

//set views file
app.set('views',path.join(__dirname,'views'));
//set view engine
app.set('view engine', 'hbs');
app.use(bodyParser.json());
app.use(bodyParser.urlencoded({ extended: false }));
//set folder public as static folder for static file
app.use('/assets',express.static(__dirname + '/public'
));

//route for homepage
app.get('/',(req, res) => {
  let sql = "SELECT * FROM students_details";
  let query = conn.query(sql, (err, results) => {
    if(err) throw err;
    res.render('product_view',{
      results: results
    });
  });
});

//route for insert data
app.post('/save',(req, res) => {
  let data = {student_name: req.body.student_name, tra
de: req.body.trade};
  let sql = "INSERT INTO students_details SET ?";
```

```javascript
    let query = conn.query(sql, data,(err, results) => {
      if(err) throw err;
      res.redirect('/');
    });
});

//route for update data
app.post('/update',(req, res) => {
    let sql = "UPDATE students_details SET student_name=
'"+req.body.student_name+"', trade='"+req.body.trade+"
' WHERE student_id="+req.body.id;
    let query = conn.query(sql, (err, results) => {
      if(err) throw err;
      res.redirect('/');
    });
});

//route for delete data
app.post('/delete',(req, res) => {
    let sql = "DELETE FROM students_details WHERE studen
t_id="+req.body.student_id+"";
    let query = conn.query(sql, (err, results) => {
      if(err) throw err;
        res.redirect('/');
    });
});

//server listening
app.listen(8000, () => {
  console.log('Server is running at port 8000');
});
```

product_view.hbs

```html
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>CRUD Node.js and Mysql</title>
  <link href="/assets/css/bootstrap.css" rel="styleshe
et" type="text/css"/>
</head>
<body>
  <div class="container">
    <h2 align="center">STUDENT DETAILS</h2>
    <button class="btn btn-success" data-
toggle="modal" data-
target="#myModalAdd">Add New</button>
    <table class="table table-striped" id="mytable">
      <thead>
        <tr>
          <th>Student ID</th>
          <th>Student Name</th>
          <th>Trade</th>
          <th>Action</th>
```

```html
        </tr>
      </thead>
      <tbody>
         {{#each results}}
        <tr>
          <td>{{ student_id }}</td>
          <td>{{ student_name }}</td>
          <td>{{ trade }}</td>
          <td>
            <a href="javascript:void(0);" class="btn b
tn-sm btn-info edit" data-id="{{ student_id }}" data-
student_name="{{ student_name }}" data-
trade="{{ trade }}">Edit</a>
            <a href="javascript:void(0);" class="btn b
tn-sm btn-danger delete" data-
id="{{ student_id }}">Delete</a>
          </td>
        </tr>
        {{/each}}
      </tbody>
    </table>
  </div>

  <!-- Add New Student Modal-->
    <form action="/save" method="post">
        <div class="modal fade" id="myModalAdd" tabind
ex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
          <div class="modal-dialog" role="document">
            <div class="modal-content">
              <div class="modal-header">
                <h5 class="modal-
title" id="exampleModalLabel">Add New Student</h5>
```

```html
                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">&times;</span>
                    </button>
                </div>
                <div class="modal-body">
                    <div class="form-group">
                        <input type="text" name="student_name" class="form-control" placeholder="Student Name" required>
                    </div>

                    <div class="form-group">
                        <input type="text" name="trade" class="form-control" placeholder="Trade" required>
                    </div>
                </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
                    <button type="submit" class="btn btn-primary">Save</button>
                </div>
            </div>
        </div>
    </form>

    <!-- Edit Students-->
    <form action="/update" method="post">
        <div class="modal fade" id="EditModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
```

```html
<div class="modal-dialog" role="document">
  <div class="modal-content">
    <div class="modal-header">
      <h5 class="modal-title" id="exampleModalLabel">Edit Student</h5>
      <button type="button" class="close" data-dismiss="modal" aria-label="Close">
        <span aria-hidden="true">&times;</span>
      </button>
    </div>
    <div class="modal-body">
      <div class="form-group">
        <input type="text" name="student_name" class="form-control student_name" placeholder="Student Name" required>
      </div>

      <div class="form-group">
        <input type="text" name="trade" class="form-control price" placeholder="Trade" required>
      </div>
    </div>
    <div class="modal-footer">
      <input type="hidden" name="id" class="student_id">
      <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
      <button type="submit" class="btn btn-primary">Update</button>
    </div>
  </div>
</div>
```

```html
        </div>
   </form>


   <!-- Delete Student-->
    <form id="add-row-
form" action="/delete" method="post">
        <div class="modal fade" id="DeleteModal" tabind
ex="-1" role="dialog" aria-
labelledby="myModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-
title" id="myModalLabel">Delete Student</h5>
                        <button type="button" class="close
" data-dismiss="modal" aria-label="Close"><span aria-
hidden="true">&times;</span></button>
                    </div>
                    <div class="modal-body">
                            <strong>Are You Sure To Delet
e This Data?</strong>
                    </div>
                    <div class="modal-footer">
                        <input type="hidden" name="stude
nt_id" class="form-control student_id2" required>
                        <button type="button" class="btn
 btn-default" data-dismiss="modal">Close</button>
                        <button type="submit" class="btn
 btn-success">Delete</button>
                    </div>
                </div>
            </div>
        </div>
   </form>
```

```html
<script src="/assets/js/jquery-3.3.1.js"></script>
<script src="/assets/js/bootstrap.js"></script>
<script>
    $(document).ready(function(){
        //showing data to modal for edit record
        $('#mytable').on('click','.edit',function(){
            var student_id = $(this).data('id');
            var student_name = $(this).data('student_name'
);
            var trade = $(this).data('trade');
            $('#EditModal').modal('show');
            $('.student_name').val(student_name);
            $('.trade').val(trade);
            $('.student_id').val(student_id);
        });
        //showing modal for delete record
        $('#mytable').on('click','.delete',function(){
            var student_id = $(this).data('id');
            $('#DeleteModal').modal('show');
            $('.student_id2').val(student_id);
        });

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

Bootstrap.css

```css
body {
  margin: 0;
  font-family: -apple-
system, BlinkMacSystemFont, "Segoe UI", Roboto, "Helve
tica Neue", Arial, sans-
serif, "Apple Color Emoji", "Segoe UI Emoji", "Segoe U
I Symbol", "Noto Color Emoji";
  font-size: 1rem;
  font-weight: 400;
  line-height: 1.5;
  color: #212529;
  text-align: left;
  background-color: #fff;
}

[tabindex="-1"]:focus {
  outline: 0 !important;
}

hr {
```

```css
  box-sizing: content-box;
  height: 0;
  overflow: visible;
}

h1, h2, h3, h4, h5, h6 {
  margin-top: 0;
  margin-bottom: 0.5rem;
}

p {
  margin-top: 0;
  margin-bottom: 1rem;
}

abbr[title],
abbr[data-original-title] {
  text-decoration: underline;
  -webkit-text-decoration: underline dotted;
  text-decoration: underline dotted;
  cursor: help;
  border-bottom: 0;
}

address {
  margin-bottom: 1rem;
  font-style: normal;
  line-height: inherit;
}

ol,
ul,
dl {
  margin-top: 0;
```

```css
  margin-bottom: 1rem;
}

ol ol,
ul ul,
ol ul,
ul ol {
  margin-bottom: 0;
}

dt {
  font-weight: 700;
}

dd {
  margin-bottom: .5rem;
  margin-left: 0;
}

blockquote {
  margin: 0 0 1rem;
}

dfn {
  font-style: italic;
}

b,
strong {
  font-weight: bolder;
}

small {
  font-size: 80%;
```

```css
}

sub,
sup {
  position: relative;
  font-size: 75%;
  line-height: 0;
  vertical-align: baseline;
}

sub {
  bottom: -.25em;
}

sup {
  top: -.5em;
}

a {
  color: #007bff;
  text-decoration: none;
  background-color: transparent;
  -webkit-text-decoration-skip: objects;
}

a:hover {
  color: #0056b3;
  text-decoration: underline;
}

a:not([href]):not([tabindex]) {
  color: inherit;
  text-decoration: none;
}
```

```css
a:not([href]):not([tabindex]):hover, a:not([href]):not
([tabindex]):focus {
  color: inherit;
  text-decoration: none;
}

a:not([href]):not([tabindex]):focus {
  outline: 0;
}

pre,
code,
kbd,
samp {
  font-family: SFMono-
Regular, Menlo, Monaco, Consolas, "Liberation Mono", "
Courier New", monospace;
  font-size: 1em;
}

pre {
  margin-top: 0;
  margin-bottom: 1rem;
  overflow: auto;
  -ms-overflow-style: scrollbar;
}

figure {
  margin: 0 0 1rem;
}

img {
  vertical-align: middle;
```

```css
  border-style: none;
}

svg {
  overflow: hidden;
  vertical-align: middle;
}

table {
  border-collapse: collapse;
}

caption {
  padding-top: 0.75rem;
  padding-bottom: 0.75rem;
  color: #6c757d;
  text-align: left;
  caption-side: bottom;
}

th {
  text-align: inherit;
}

label {
  display: inline-block;
  margin-bottom: 0.5rem;
}

button {
  border-radius: 0;
}

button:focus {
```

```css
  outline: 1px dotted;
  outline: 5px auto -webkit-focus-ring-color;
}

input,
button,
select,
optgroup,
textarea {
  margin: 0;
  font-family: inherit;
  font-size: inherit;
  line-height: inherit;
}

button,
input {
  overflow: visible;
}

button,
select {
  text-transform: none;
}

button,
html [type="button"],
[type="reset"],
[type="submit"] {
  -webkit-appearance: button;
}

button::-moz-focus-inner,
[type="button"]::-moz-focus-inner,
```

```css
[type="reset"]::-moz-focus-inner,
[type="submit"]::-moz-focus-inner {
  padding: 0;
  border-style: none;
}

input[type="radio"],
input[type="checkbox"] {
  box-sizing: border-box;
  padding: 0;
}

input[type="date"],
input[type="time"],
input[type="datetime-local"],
input[type="month"] {
  -webkit-appearance: listbox;
}

textarea {
  overflow: auto;
  resize: vertical;
}

fieldset {
  min-width: 0;
  padding: 0;
  margin: 0;
  border: 0;
}
legend {
  display: block;
  width: 100%;
  max-width: 100%;
```

```css
  padding: 0;
  margin-bottom: .5rem;
  font-size: 1.5rem;
  line-height: inherit;
  color: inherit;
  white-space: normal;
}

progress {
  vertical-align: baseline;
}

[type="number"]::-webkit-inner-spin-button,
[type="number"]::-webkit-outer-spin-button {
  height: auto;
}

[type="search"] {
  outline-offset: -2px;
  -webkit-appearance: none;
}

[type="search"]::-webkit-search-cancel-button,
[type="search"]::-webkit-search-decoration {
  -webkit-appearance: none;
}

::-webkit-file-upload-button {
  font: inherit;
  -webkit-appearance: button;
}

output {
  display: inline-block;
```

```css
}

summary {
  display: list-item;
  cursor: pointer;
}

template {
  display: none;
}

[hidden] {
  display: none !important;
}

h1, h2, h3, h4, h5, h6,
.h1, .h2, .h3, .h4, .h5, .h6 {
  margin-bottom: 0.5rem;
  font-family: inherit;
  font-weight: 500;
  line-height: 1.2;
  color: inherit;
}

h1, .h1 {
  font-size: 2.5rem;
}

h2, .h2 {
  font-size: 2rem;
}

h3, .h3 {
  font-size: 1.75rem;
```

```css
}

h4, .h4 {
  font-size: 1.5rem;
}

h5, .h5 {
  font-size: 1.25rem;
}

h6, .h6 {
  font-size: 1rem;
}

.lead {
  font-size: 1.25rem;
  font-weight: 300;
}

.display-1 {
  font-size: 6rem;
  font-weight: 300;
  line-height: 1.2;
}

.display-2 {
  font-size: 5.5rem;
  font-weight: 300;
  line-height: 1.2;
}

.display-3 {
  font-size: 4.5rem;
  font-weight: 300;
```

```css
  line-height: 1.2;
}

.display-4 {
  font-size: 3.5rem;
  font-weight: 300;
  line-height: 1.2;
}

hr {
  margin-top: 1rem;
  margin-bottom: 1rem;
  border: 0;
  border-top: 1px solid rgba(0, 0, 0, 0.1);
}

small,
.small {
  font-size: 80%;
  font-weight: 400;
}

mark,
.mark {
  padding: 0.2em;
  background-color: #fcf8e3;
}

.list-unstyled {
  padding-left: 0;
  list-style: none;
}

.list-inline {
```

```css
    padding-left: 0;
    list-style: none;
}

.list-inline-item {
    display: inline-block;
}

.list-inline-item:not(:last-child) {
    margin-right: 0.5rem;
}

.initialism {
    font-size: 90%;
    text-transform: uppercase;
}

.blockquote {
    margin-bottom: 1rem;
    font-size: 1.25rem;
}

.blockquote-footer {
    display: block;
    font-size: 80%;
    color: #6c757d;
}

.blockquote-footer::before {
    content: "\2014 \00A0";
}

.img-fluid {
    max-width: 100%;
```

```css
    height: auto;
}

.img-thumbnail {
  padding: 0.25rem;
  background-color: #fff;
  border: 1px solid #dee2e6;
  border-radius: 0.25rem;
  max-width: 100%;
  height: auto;
}

.figure {
  display: inline-block;
}

.figure-img {
  margin-bottom: 0.5rem;
  line-height: 1;
}

.figure-caption {
  font-size: 90%;
  color: #6c757d;
}

code {
  font-size: 87.5%;
  color: #e83e8c;
  word-break: break-word;
}

a > code {
  color: inherit;
```

```css
      }

      kbd {
        padding: 0.2rem 0.4rem;
        font-size: 87.5%;
        color: #fff;
        background-color: #212529;
        border-radius: 0.2rem;
      }

      kbd kbd {
        padding: 0;
        font-size: 100%;
        font-weight: 700;
      }

      pre {
        display: block;
        font-size: 87.5%;
        color: #212529;
      }

      pre code {
        font-size: inherit;
        color: inherit;
        word-break: normal;
      }

      .pre-scrollable {
        max-height: 340px;
        overflow-y: scroll;
      }

      .container {
```

```css
    width: 100%;
    padding-right: 15px;
    padding-left: 15px;
    margin-right: auto;
    margin-left: auto;
}

@media (min-width: 576px) {
  .container {
    max-width: 540px;
  }
}

@media (min-width: 768px) {
  .container {
    max-width: 720px;
  }
}

@media (min-width: 992px) {
  .container {
    max-width: 960px;
  }
}

@media (min-width: 1200px) {
  .container {
    max-width: 1140px;
  }
}

.container-fluid {
  width: 100%;
  padding-right: 15px;
```

```css
    padding-left: 15px;
    margin-right: auto;
    margin-left: auto;
}

.row {
    display: -ms-flexbox;
    display: flex;
    -ms-flex-wrap: wrap;
    flex-wrap: wrap;
    margin-right: -15px;
    margin-left: -15px;
}

.no-gutters {
    margin-right: 0;
    margin-left: 0;
}

.no-gutters > .col,
.no-gutters > [class*="col-"] {
    padding-right: 0;
    padding-left: 0;
}
.col-xl-auto {
    position: relative;
    width: 100%;
    min-height: 1px;
    padding-right: 15px;
    padding-left: 15px;
}

.col {
    -ms-flex-preferred-size: 0;
```

```css
    flex-basis: 0;
    -ms-flex-positive: 1;
    flex-grow: 1;
    max-width: 100%;
}

.col-auto {
    -ms-flex: 0 0 auto;
    flex: 0 0 auto;
    width: auto;
    max-width: none;
}

.col-1 {
    -ms-flex: 0 0 8.333333%;
    flex: 0 0 8.333333%;
    max-width: 8.333333%;
}

.col-2 {
    -ms-flex: 0 0 16.666667%;
    flex: 0 0 16.666667%;
    max-width: 16.666667%;
}

.col-3 {
    -ms-flex: 0 0 25%;
    flex: 0 0 25%;
    max-width: 25%;
}

.col-4 {
    -ms-flex: 0 0 33.333333%;
    flex: 0 0 33.333333%;
```

```css
    max-width: 33.333333%;
  }

  .col-5 {
    -ms-flex: 0 0 41.666667%;
    flex: 0 0 41.666667%;
    max-width: 41.666667%;
  }

  .col-6 {
    -ms-flex: 0 0 50%;
    flex: 0 0 50%;
    max-width: 50%;
  }

  .col-7 {
    -ms-flex: 0 0 58.333333%;
    flex: 0 0 58.333333%;
    max-width: 58.333333%;
  }

  .col-8 {
    -ms-flex: 0 0 66.666667%;
    flex: 0 0 66.666667%;
    max-width: 66.666667%;
  }

  .col-9 {
    -ms-flex: 0 0 75%;
    flex: 0 0 75%;
    max-width: 75%;
  }

  .col-10 {
```

```css
  -ms-flex: 0 0 83.333333%;
  flex: 0 0 83.333333%;
  max-width: 83.333333%;
}

.col-11 {
  -ms-flex: 0 0 91.666667%;
  flex: 0 0 91.666667%;
  max-width: 91.666667%;
}

.col-12 {
  -ms-flex: 0 0 100%;
  flex: 0 0 100%;
  max-width: 100%;
}

.order-first {
  -ms-flex-order: -1;
  order: -1;
}

.order-last {
  -ms-flex-order: 13;
  order: 13;
}

.order-0 {
  -ms-flex-order: 0;
  order: 0;
}

.order-1 {
  -ms-flex-order: 1;
```

```css
  order: 1;
}

.order-2 {
  -ms-flex-order: 2;
  order: 2;
}

.order-3 {
  -ms-flex-order: 3;
  order: 3;
}

.order-4 {
  -ms-flex-order: 4;
  order: 4;
}

.order-5 {
  -ms-flex-order: 5;
  order: 5;
}

.order-6 {
  -ms-flex-order: 6;
  order: 6;
}

.order-7 {
  -ms-flex-order: 7;
  order: 7;
}

.order-8 {
```

```css
    -ms-flex-order: 8;
    order: 8;
  }

  .order-9 {
    -ms-flex-order: 9;
    order: 9;
  }

  .order-10 {
    -ms-flex-order: 10;
    order: 10;
  }

  .order-11 {
    -ms-flex-order: 11;
    order: 11;
  }

  .order-12 {
    -ms-flex-order: 12;
    order: 12;
  }

  .offset-1 {
    margin-left: 8.333333%;
  }

  .offset-2 {
    margin-left: 16.666667%;
  }

  .offset-3 {
    margin-left: 25%;
```

```css
    }

    .offset-4 {
      margin-left: 33.333333%;
    }

    .offset-5 {
      margin-left: 41.666667%;
    }

    .offset-6 {
      margin-left: 50%;
    }

    .offset-7 {
      margin-left: 58.333333%;
    }

    .offset-8 {
      margin-left: 66.666667%;
    }

    .offset-9 {
      margin-left: 75%;
    }

    .offset-10 {
      margin-left: 83.333333%;
    }

    .offset-11 {
      margin-left: 91.666667%;
    }
```

```css
@media (min-width: 576px) {
  .col-sm {
    -ms-flex-preferred-size: 0;
    flex-basis: 0;
    -ms-flex-positive: 1;
    flex-grow: 1;
    max-width: 100%;
  }
  .col-sm-auto {
    -ms-flex: 0 0 auto;
    flex: 0 0 auto;
    width: auto;
    max-width: none;
  }
  .col-sm-1 {
    -ms-flex: 0 0 8.333333%;
    flex: 0 0 8.333333%;
    max-width: 8.333333%;
  }
  .col-sm-2 {
    -ms-flex: 0 0 16.666667%;
    flex: 0 0 16.666667%;
    max-width: 16.666667%;
  }
  .col-sm-3 {
    -ms-flex: 0 0 25%;
    flex: 0 0 25%;
    max-width: 25%;
  }
  .col-sm-4 {
    -ms-flex: 0 0 33.333333%;
    flex: 0 0 33.333333%;
    max-width: 33.333333%;
  }
```
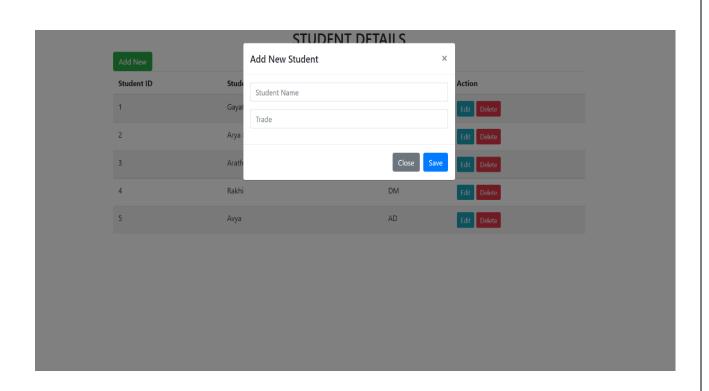
```css
.col-sm-5 {
  -ms-flex: 0 0 41.666667%;
  flex: 0 0 41.666667%;
  max-width: 41.666667%;
}
.col-sm-6 {
  -ms-flex: 0 0 50%;
  flex: 0 0 50%;
  max-width: 50%;
}
.col-sm-7 {
  -ms-flex: 0 0 58.333333%;
  flex: 0 0 58.333333%;
  max-width: 58.333333%;
}
.col-sm-8 {
  -ms-flex: 0 0 66.666667%;
  flex: 0 0 66.666667%;
  max-width: 66.666667%;
}
.col-sm-9 {
  -ms-flex: 0 0 75%;
  flex: 0 0 75%;
  max-width: 75%;
}
.col-sm-10 {
  -ms-flex: 0 0 83.333333%;
  flex: 0 0 83.333333%;
  max-width: 83.333333%;
}
.col-sm-11 {
  -ms-flex: 0 0 91.666667%;
  flex: 0 0 91.666667%;
  max-width: 91.666667%;
```

```css
}
.col-sm-12 {
  -ms-flex: 0 0 100%;
  flex: 0 0 100%;
  max-width: 100%;
}
.order-sm-first {
  -ms-flex-order: -1;
  order: -1;
}
.order-sm-last {
  -ms-flex-order: 13;
  order: 13;
}
.order-sm-0 {
  -ms-flex-order: 0;
  order: 0;
}
.order-sm-1 {
  -ms-flex-order: 1;
  order: 1;
}
.order-sm-2 {
  -ms-flex-order: 2;
  order: 2;
}
.order-sm-3 {
  -ms-flex-order: 3;
  order: 3;
}
.order-sm-4 {
  -ms-flex-order: 4;
  order: 4;
}
```
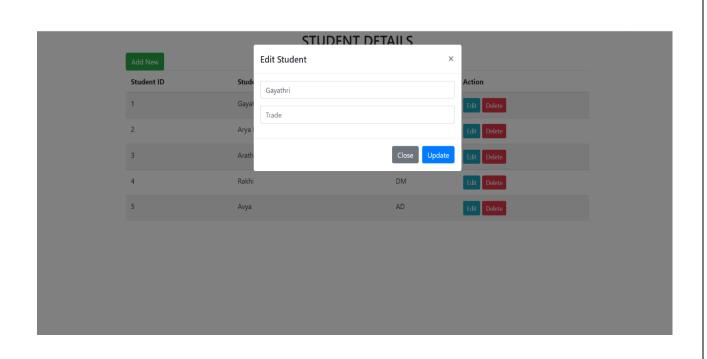
```css
.order-sm-5 {
  -ms-flex-order: 5;
  order: 5;
}
.order-sm-6 {
  -ms-flex-order: 6;
  order: 6;
}
.order-sm-7 {
  -ms-flex-order: 7;
  order: 7;}
```

OUTPUT

STUDENT DETAILS

Add New

Student ID	Student Name	Trade	Action
1	Gayathri	ADIT	Edit Delete
2	Arya Muralidharan	ADIT	Edit Delete
3	Arathy	ADIT	Edit Delete
4	Rakhi	DM	Edit Delete
5	Avya	AD	Edit Delete

STUDENT DETAILS

Add New

Student ID	Stude		Action
1	Gaya		Edit Delete
2	Arya		Edit Delete
3	Arath		Edit Delete
4	Rakhi	DM	Edit Delete
5	Avya	AD	Edit Delete

Add New Student   ×

Student Name

Trade

Close   Save

STUDENT DETAILS

Add New

Student ID	Stude		Action

Edit Student ✕

Gayathri

Trade

Close   Update

1	Gaya		Edit Delete
2	Arya		Edit Delete
3	Arath		Edit Delete
4	Rakhi	DM	Edit Delete
5	Avya	AD	Edit Delete

STUDENT DETAILS

Add New

Student ID	Stud...		Action
1	Gayat...		Edit Delete
2	Arya...		Edit Delete
3	Arathy	ADIT	Edit Delete
4	Rakhi	DM	Edit Delete
5	Avya	AD	Edit Delete

Delete Student ×

Are You Sure To Delete This Data?

Close Delete

RESULT

STUDENT DETAILS

Add New

Student ID	Student Name	Trade	Action
1	Gayathri	ADIT	Edit Delete
2	Arya Muralidharan	ADIT	Edit Delete
3	Arathy	ADIT	Edit Delete
4	Rakhi	DM	Edit Delete
5	Avya	AD	Edit Delete

REFERENCE

- http://www.123seminarsonly.com/Seminar-Reports/047/102427562-45883498-Project-Report-on-Student-Information-Management-System-Php-Mysql.pdf
- http://umpir.ump.edu.my/id/eprint/13410/1/FSKKP%20-%20PUI%20HOCK%20YOUNG.PDF