ABOUT THE PROJECT:

The main objective of the project is to provide the examination result to the student in a simple way.

This project is useful for students and institutions for getting the results in simple manner.

By a result analyzer with subject status and marks is an application tool for displaying the results in secure way.

The system is intended for the student. And the privileges that are provided to student are to read and execute his/here result by providing user name and password for secure login and in case of new student the registration is available. And the guest user has the privilege only to read.

PHP and MySQL project on *Result_Management_System* is a web based project and it has been *developed in PHP and MySQL* and we can manage Student, Subject, Teacher, Semester, Result and Class from this project. The main objective to develop Result Management System PHP and **MySQL Project** is to overcome the manual errors and make a computerzied system.

In this project, there are various type of modules available to *manage Result,* Subject, Student. We can also generate reports for Subject, Student, Semester, Class. Here the **Student module** manage all the operations of Student, *Subject module* can manage Subject, *Teacher module is normally* developed for managing Teacher, Semester module manages Semester operations, *Result module* has been implemented to manage Result. This is also a *Major Result Management System Project*, which you can submit in final year. But if you need Mini Project on Result Management System then we can develop it also. Also if you are looking for DBMS Project on *Result Management System* then you can develop it in MySQL and PHP. You can run this project in *XAMP, WAMP, MAMP or LAMP server.* We have implemented advance search feature for searching records on various criteria for Subject, Student, *Result also admin can perform Create*, read, update and delete (CRUD) operations on *Teacher, Semester, Class. In this* project all the modules like Student, Semester, Subject are tightly coupled and we can track the informations easily. If you are looking for Free Result Management System Project in PHP and MySQL, then you can visit our free projects section.

Student Result Management System modules-

- 1. Student : Student Result Management System Project in PHP
- 2. Admin : Student Result Management System Project in PHP

Admin Features

- 1. Admin Dashboard
- 2. Admin can add/update/ Class
- 3. Admin can add/update/Subjects
- 4. Admin can add/update/ Active/Inactive Subject combination with class
- 5. Admin can register new student and also edit info of the student
- 6. admin can declare/edit result of a student.
- 7. Admin can change own password

Students-

- 1. Student can search their result using valid rollid.
- 2. Student can download the result in the PDF format.

Here, Student can check their results by entering Roll id. Admin can create & manage Classes, subjects.Add & Manage students and Declare Results. This project is done in PHP. It's easy to operate and understand by users. The design is pretty simple and user won't find it difficult to understand, use and navigate.

Brief overview of the technology:

Front end: HTML, CSS, JavaScript

- 1. HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++
- 2. CSS: (Cascading Style Sheets) Create attractive Layout
- 3. Bootstrap: responsive design mobile freindly site
- 4. JavaScript: it is a programming language, commonly use with web browsers.

Back end: PHP, MySQL

- 1. PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.
- 2. MySQL: MySql is a database, widely used for accessing querying, updating, and managing data in databases

CODES

<u>css</u>

```
form.css:
input,select,option{
  width: 100%;
  padding: 12px 20px;
  margin: 10px 0;
  box-sizing: border-box;
  display: block;
}
input[type=text],input[type=password],select{
  background-color: #474b4f;
  color: white;
  border: none;
  font-size: 100%;
  letter-spacing: 0.2em;
}
input[type=submit]{
  background-color: #474b4f;
  color: white;
  border: none;
  transition-duration: 0.4s;
  cursor: pointer;
  font-size: 16px;
}
input[type=submit]:hover{
  background-color: #86c232;
```

```
color: white
}

fieldset{
  font-size: 20px;
  border-radius: 10px;
  border-width: 5px;
  border-style: solid;
  padding: 20px;
  margin: 0 15%;
}

.error {
  color: red;
  margin: 30px 0 0 30vh;
}
```

Home.css:

```
body{
    margin: 0;
    font-family: 'Roboto', sans-serif;
    background-color: #222629;
    color: white;
}

.title{
    display: grid;
    grid-template-rows: 50px;
    grid-template-columns: 150px 1fr 150px;
```

```
align-items: center;
  padding: 20px 0;
  text-align: center;
}
/* title grid */
.logo{
  width: 150px;
  height: auto;
.heading{
  font-size: 60px;
}
/* */
.main{
  display: grid;
  align-items: center;
  font-size: 20px;
  padding-top: 80px;
}
.main p{
  margin: 0;
  font-size: 25px;
  font-family: monospace;
  letter-spacing: 3px;
  line-height: 3;
}
```

```
/* navigation bar */
ul{
  list-style-type: none;
  margin: 20px 0 0 0;
  padding: 0;
  display: flex;
  overflow: hidden;
  justify-content: space-evenly;
}
li a,.dropbtn{
  display: inline-block;
  text-decoration: none;
  color: white;
  height: 40px;
  display: flex;
  align-items: center;
  padding: 5px 50px;
}
li a:hover, .dropdown:hover {
  background-color: #61892f
}
li.dropdown {
  display: inline-block;
```

```
}
. drop down\text{-}content \{
  display: none;
  position: absolute;
  background-color: #474b4f;
}
.dropdown-content a {
  color: white;
  text-decoration: none;
  display: flex;
  align-items: center;
}
.dropdown:hover .dropdown-content {
  display: block;
}
Home page.css:
body {
  font-size: 16px;
  font-family: 'Roboto', sans-serif;
  background-color: #222629;
  color: white;
  margin: 0;
}
```

```
hr {
  border-top: 1px solid white;
}
.container {
  padding: 0 5%;
}
.title {
  display: flex;
  font-size: 3em;
  justify-content: center;
  align-items: center;
  height: 80px;
}
.main{
.main span {
  font-size: 20px;
}
.main p {
  font-size: 16px;
  line-height: 2;
}
.info {
```

```
display: grid;
  grid-gap: 2%;
  grid-template-columns: 1fr 1fr 1fr;
.info span {
  color: #86c232;
  font-size: 20px;
}
.footer {
  display: grid;
  grid-template-columns: 1fr 1fr;
  line-height: 2;
  margin-top: 100px;
}
.footer a{
  color: white;
  display: block;
.footer span {
  font-size: 20px;
/* navigation bar */
ul{
  list-style-type: none;
  margin: 30px 0;
  padding: 0;
  display: flex;
  overflow: hidden;
```

```
justify-content: space-evenly;
  border-style: solid;
  border-width: 1px 0 1px 0;
}
li a,.dropbtn{
  display: inline-block;
  text-decoration: none;
  color: white;
  height: 40px;
  display: flex;
  align-items: center;
  padding: 5px 50px;
}
li a:hover, .dropdown:hover {
  background-color: #61892f
}
li.dropdown {
  display: inline-block;
}
.dropdown-content{
  display: none;
  position: absolute;
  background-color: #474b4f;
}
```

```
.dropdown-content a {
  color: white;
  text-decoration: none;
  display: flex;
  align-items: center;
}
.dropdown:hover .dropdown-content {
  display: block;
}
/* image slider */
.slider {
  text-align: center;
.slider img {
  width: 50%;
}
```

Login.css:

```
body{
  margin: 0;
  background-color: #222629;
  color: white;
  font-family: 'Roboto', sans-serif;
```

```
}
.title{
  font-size: 3em;
  text-align: center;
  margin-top: 10px;
}
.main{
  display: grid;
  grid-template-rows: 80vh;
  grid-template-columns: 1fr 1fr;
  align-items: center;
}
.login,.search{
  padding: 20px;
}
/* form */
input,select{
  width: 100%;
  padding: 12px 20px;
  margin: 10px 0;
  box-sizing: border-box;
  display: block;
}
```

```
input[type=text],input[type=password],select{
  background-color: #474b4f;
  color: white;
  border: none;
  font-size: 100%;
  letter-spacing: 0.2em;
}
input[type=submit]{
  background-color: #474b4f;
  color: white;
  border: none;
  transition-duration: 0.4s;
  cursor: pointer;
  font-size: 16px;
}
input[type=submit]:hover{
  background-color: #86c232;
  color: white
}
fieldset{
  font-size: 20px;
  border-radius: 10px;
  border-width: 5px;
  border-style: solid;
}
```

Bitnami.css:

```
.module_top, .module_bottom{
  visibility: hidden;
}

table {
  border: Opx !important;
}

.module_content img{
  min-width: 70px;
}

.module_content h2{
  font-size: 30px;
}
```

Manage.css:

```
/*table*/
.main{
    display: grid;
    justify-content: center;
    padding: 30px;
}
.main table{
    margin: 50px auto;
```

```
}
.main table, th, td {
  border-collapse: collapse;
  text-align: left;
  table-layout: fixed;
  padding: 8px 30px;
  width: 50%;
}
.main th{
      color: #61c232;
}
.main tr:hover {
  background-color: #474b4f;
}
th, td {
  border-bottom: 1px solid #ddd;
}
Student.css:
body{
  margin: 0;
  font-family: 'Roboto', sans-serif;
.container {
```

```
margin: 5% 10%;
}
.title {
  font-size: 50px;
  text-align: center;
}
.details{
  font-size: 20px;
  letter-spacing: 0.1em;
}
.main{
  font-size: 18px;
  display: grid;
  grid-template-columns: 1fr 1fr;
  padding: 20px 25%;
}
.button{
  text-align: center;
}
.main p{
  text-align: center;
.main p:nth-child(1) {
```

```
font-weight: bold;
}
.result p{
  font-size: 20px;
}
.error {
  color: red;
  margin: 30px 0 0 30vh;
}
/* hide buttom */
@media print {
  .button {
     display: none;
}
```

Database

Srms.sql:

```
-- phpMyAdmin SQL Dump-- version 4.7.6-- https://www.phpmyadmin.net/---- Host: localhost
```

```
-- Generation Time: Jan 10, 2018 at 04:35 PM
-- Server version: 10.1.29-MariaDB
-- PHP Version: 7.2.0
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";
/*!40101
                                                         SET
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT
*/;
/*!40101
                                                         SET
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESU
LTS */:
/*!40101
                                                         SET
@OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION
*/;
/*!40101 SET NAMES utf8mb4 */;
-- Database: `srms`
-- Table structure for table `admin_login`
```

```
CREATE TABLE `admin_login` (
 `userid` varchar(30) NOT NULL,
 'password' varchar(30) NOT NULL
        ENGINE=InnoDB
                               DEFAULT CHARSET=latin1
ROW_FORMAT=COMPACT;
-- Dumping data for table `admin_login`
INSERT INTO `admin_login` (`userid`, `password`) VALUES
('admin', '123');
-- Table structure for table `class`
CREATE TABLE `class` (
 `name` varchar(30) NOT NULL,
 'id' int(3) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- Table structure for table `result`
CREATE TABLE `result` (
 `name` varchar(30) NOT NULL,
 `rno` int(3) NOT NULL,
 'class' varchar(30) NOT NULL,
 `p1` int(3) NOT NULL,
 `p2` int(3) NOT NULL,
 'p3' int(3) NOT NULL,
 'p4' int(3) NOT NULL,
 `p5` int(3) NOT NULL,
 `marks` int(3) NOT NULL,
 'percentage' float NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
-- Table structure for table `students`
CREATE TABLE `students` (
 `name` varchar(30) NOT NULL,
 `rno` int(3) NOT NULL,
 `class_name` varchar(30) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- Indexes for dumped tables
-- Indexes for table `admin_login`
ALTER TABLE `admin_login`
 ADD PRIMARY KEY ('userid');
-- Indexes for table `class`
ALTER TABLE 'class'
 ADD PRIMARY KEY ('name'),
 ADD UNIQUE KEY 'id' ('id');
-- Indexes for table `result`
ALTER TABLE `result`
 ADD KEY `class` (`class`),
 ADD KEY `name` (`name`, `rno`);
-- Indexes for table `students`
ALTER TABLE `students`
 ADD PRIMARY KEY (`name`, `rno`),
 ADD KEY `class_name` (`class_name`);
```

```
-- Constraints for dumped tables
-- Constraints for table `result`
ALTER TABLE `result`
 ADD CONSTRAINT `result_ibfk_1` FOREIGN KEY (`class`)
REFERENCES `class` (`name`),
ADD CONSTRAINT `result_ibfk_2` FOREIGN KEY (`name`, `rno`)
REFERENCES `students` (`name`, `rno`);
-- Constraints for table `students`
ALTER TABLE `students`
ADD CONSTRAINT `students_ibfk_1` FOREIGN KEY (`class_name`)
REFERENCES `class` (`name`);
COMMIT:
```

PHP

Add_classes.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
            name="viewport" content="width=device-width,
                                                               initial-
  <meta
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="./css/home.css">
  <link rel="stylesheet" href="./css/form.css">
  k
                 href="https://fonts.googleapis.com/css?family=Roboto"
rel="stylesheet">
           rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  <title>Add Class</title>
</head>
<body>
  <div class="title">
        href="dashboard.php"><img src="./images/logo1.png" alt=""
class="logo"></a>
    <span class="heading">Dashboard</span>
    <a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
```

```
</div>
<div class="nav">
 ul>
   <a href="" class="dropbtn">Classes &nbsp
       <span class="fa fa-angle-down"></span>
     </a>
     <div class="dropdown-content" id="1">
       <a href="add_classes.php">Add Class</a>
       <a href="manage_classes.php">Manage Class</a>
     </div>
   <a href="#" class="dropbtn">Students &nbsp
       <span class="fa fa-angle-down"></span>
     </a>
     <div class="dropdown-content" id="2">
       <a href="add_students.php">Add Students</a>
       <a href="manage_students.php">Manage Students</a>
     </div>
```

```
<a href="#" class="dropbtn">Results &nbsp
          <span class="fa fa-angle-down"></span>
        </a>
        <div class="dropdown-content" id="3">
          <a href="add_results.php">Add Results</a>
          <a href="manage_results.php">Manage Results</a>
        </div>
      </div>
  <div class="main">
    <form action="" method="post">
      <fieldset>
        <legend>Add Class</legend>
        <input type="text" name="class_name" placeholder="Class</pre>
Name">
        <input type="text" name="class_id" placeholder="Class ID">
        <input type="submit" value="Submit">
      </fieldset>
    </form>
```

```
</div>
  <div class="footer">
    <!-- <span>Designed & Coded By Jibin Thomas</span> -->
  </div>
</body>
</html>
<?php
     include('init.php');
  include('session.php');
  if (isset($_POST['class_name'],$_POST['class_id'])) {
    $name=$_POST["class_name"];
    $id=$_POST["class_id"];
    // validation
    if (empty($name) or empty($id) or preg_match("/[a-z]/i",$id)) {
      if(empty($name))
        echo 'Please enter class';
      if(empty($id))
         echo 'Please enter class id';
```

```
if(preg_match("/[a-z]/i",$id))
     echo 'Please enter valid class id';
  exit();
}
$sql = "INSERT INTO `class` (`name`, `id`) VALUES ('$name', '$id')";
$result=mysqli_query($conn,$sql);
if (!$result) {
  echo '<script language="javascript">';
  echo 'alert("Invalid class name or class id")';
  echo '</script>';
} else{
  echo '<script language="javascript">';
  echo 'alert("Successful)';
  echo '</script>';
}
```

Add_results.php:

}

?>

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
           name="viewport" content="width=device-width,
                                                               initial-
  <meta
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="./css/home.css">
                 href="https://fonts.googleapis.com/css?family=Roboto"
  link
rel="stylesheet">
           rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  k rel="stylesheet" href="./css/form.css">
  <title>Dashboard</title>
</head>
<body>
  <div class="title">
    <a href="dashboard.php"><img src="./images/logo1.png" alt=""
class="logo"></a>
    <span class="heading">Dashboard</span>
    <a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
```

```
</div>
<div class="nav">
 ul>
   <a href="" class="dropbtn">Classes &nbsp
       <span class="fa fa-angle-down"></span>
     </a>
     <div class="dropdown-content" id="1">
       <a href="add_classes.php">Add Class</a>
       <a href="manage_classes.php">Manage Class</a>
     </div>
   <a href="#" class="dropbtn">Students &nbsp
       <span class="fa fa-angle-down"></span>
     </a>
     <div class="dropdown-content" id="2">
       <a href="add_students.php">Add Students</a>
       <a href="manage_students.php">Manage Students</a>
     </div>
```

```
<a href="#" class="dropbtn">Results &nbsp
        <span class="fa fa-angle-down"></span>
      </a>
      <div class="dropdown-content" id="3">
        <a href="add_results.php">Add Results</a>
        <a href="manage_results.php">Manage Results</a>
      </div>
    </div>
<div class="main">
  <form action="" method="post">
    <fieldset>
    <legend>Enter Marks</legend>
      <?php
        include("init.php");
        include("session.php");
        $select_class_query="SELECT `name` from `class`";
```

```
$class_result=mysqli_query($conn,$select_class_query);
       //select class
       echo '<select name="class_name">';
       echo '<option selected disabled>Select Class</option>';
         while($row = mysqli_fetch_array($class_result)) {
            $display=$row['name'];
            echo '<option value="'.$display.'">'.$display.'</option>';
         }
       echo'</select>';
    ?>
    <input type="text" name="rno" placeholder="Roll No">
    <input type="text" name="p1" id="" placeholder="Paper 1">
    <input type="text" name="p2" id="" placeholder="Paper 2">
    <input type="text" name="p3" id="" placeholder="Paper 3">
    <input type="text" name="p4" id="" placeholder="Paper 4">
    <input type="text" name="p5" id="" placeholder="Paper 5">
    <input type="submit" value="Submit">
  </fieldset>
</form>
```

</div>

```
</body>
</html>
<?php
if(isset($_POST['rno'],$_POST['p1'],$_POST['p2'],$_POST['p3'],$_POST
['p4'],$_POST['p5']))
  {
    $rno=$_POST['rno'];
    if(!isset($_POST['class_name']))
       $class_name=null;
    else
       $class_name=$_POST['class_name'];
    $p1=(int)$_POST['p1'];
    $p2=(int)$_POST['p2'];
    $p3=(int)$_POST['p3'];
    $p4=(int)$_POST['p4'];
    $p5=(int)$_POST['p5'];
    $marks=$p1+$p2+$p3+$p4+$p5;
    $percentage=$marks/5;
```

```
// validation
    if (empty($class_name) or empty($rno) or $p1>100 or $p2>100 or
$p3>100 or $p4>100 or $p5>100 or $p1<0 or $p2<0 or $p3<0 or $p4<0
or $p5<0) {
      if(empty($class_name))
        echo 'Please select class';
      if(empty($rno))
        echo 'Please enter roll number';
      if(preg_match("/[a-z]/i",$rno))
        echo 'Please enter valid roll number';
      if(preg_match("/[a-z]/i",$marks))
        echo 'Please enter valid marks';
      if($p1>100 or $p2>100 or $p3>100 or $p4>100 or $p5>100 or
$p1<0 or $p2<0 or $p3<0 or $p4<0 or $p5<0)
        echo 'Please enter valid marks';
      exit();
    }
    $name=mysqli_query($conn,"SELECT `name` FROM `students`
WHERE `rno`='$rno' and `class_name`='$class_name'");
    while($row = mysqli_fetch_array($name)) {
      $display=$row['name'];
```

```
echo $display;
     }
     $sql="INSERT INTO `result` (`name`, `rno`, `class`, `p1`, `p2`, `p3`,
`p4`, `p5`, `marks`, `percentage`) VALUES ('$display', '$rno',
'$class_name', '$p1', '$p2', '$p3', '$p4', '$p5', '$marks', '$percentage')";
     $sql=mysqli_query($conn,$sql);
     if (!$sql) {
       echo '<script language="javascript">';
       echo 'alert("Invalid Details")';
       echo '</script>';
    }
     else{
       echo '<script language="javascript">';
       echo 'alert("Successful")';
       echo '</script>';
     }
?>
```

Add_student.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
           name="viewport" content="width=device-width,
                                                              initial-
  <meta
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="./css/home.css">
           rel="stylesheet" type="text/css" href="./css/form.css"
  k
media="all">
                href="https://fonts.googleapis.com/css?family=Roboto"
  k
rel="stylesheet">
          rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  <title>Add Students</title>
</head>
<body>
  <div class="title">
    <a href="dashboard.php"><img src="./images/logo1.png" alt=""
class="logo"></a>
    <span class="heading">Dashboard</span>
```

```
<a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
  </div>
  <div class="nav">
    ul>
     <a href="" class="dropbtn">Classes &nbsp
         <span class="fa fa-angle-down"></span>
        </a>
       <div class="dropdown-content" id="1">
         <a href="add_classes.php">Add Class</a>
         <a href="manage_classes.php">Manage Class</a>
        </div>
      <a href="#" class="dropbtn">Students &nbsp
         <span class="fa fa-angle-down"></span>
        </a>
       <div class="dropdown-content" id="2">
         <a href="add_students.php">Add Students</a>
         <a href="manage_students.php">Manage Students</a>
```

```
</div>
      <a href="#" class="dropbtn">Results &nbsp
          <span class="fa fa-angle-down"></span>
        </a>
        <div class="dropdown-content" id="3">
          <a href="add_results.php">Add Results</a>
          <a href="manage_results.php">Manage Results</a>
        </div>
      </div>
  <div class="main">
    <form action="" method="post">
      <fieldset>
        <legend>Add Student</legend>
        <input
                      type="text"
                                         name="student_name"
placeholder="Student Name">
        <input type="text" name="roll_no" placeholder="Roll No">
        <?php
```

```
include('init.php');
            include('session.php');
            $class_result=mysqli_query($conn,"SELECT `name` FROM
`class`");
              echo '<select name="class_name">';
              echo '<option selected disabled>Select Class</option>';
            while($row = mysqli_fetch_array($class_result)){
              $display=$row['name'];
              echo '<option value="'.$display.'">'.$display.'</option>';
            }
            echo'</select>'
          ?>
         <input type="submit" value="Submit">
       </fieldset>
     </form>
  </div>
  <div class="footer">
    <!-- <span>&copy Designed & Coded By Jibin Thomas</span> -->
  </div>
</body>
```

```
</html>
<?php
  if(isset($_POST['student_name'],$_POST['roll_no'])) {
    $name=$_POST['student_name'];
    $rno=$_POST['roll_no'];
    if(!isset($_POST['class_name']))
      $class_name=null;
    else
      $class_name=$_POST['class_name'];
    // validation
    if (empty($name) or empty($rno) or empty($class_name) or
preg_match("/[a-z]/i",$rno) or !preg_match("/^[a-zA-Z]*$/",$name)) {
      if(empty($name))
        echo 'Please enter name';
      if(empty($class_name))
        echo 'Please select your class';
      if(empty($rno))
        echo 'Please enter your roll number';
      if(preg_match("/[a-z]/i",$rno))
```

```
echo 'Please enter valid roll number';
      if (!preg_match("/^[a-zA-Z]*$/",$name)) {
           echo 'No numbers or symbols allowed in
name';
      exit();
    }
    $sql = "INSERT INTO `students` (`name`, `rno`, `class_name`)
VALUES ('$name', '$rno', '$class_name')";
    $result=mysqli_query($conn,$sql);
    if (!$result) {
      echo '<script language="javascript">';
      echo 'alert("Invalid Details")';
      echo '</script>';
    }
    else{
       echo '<script language="javascript">';
      echo 'alert("Successful")';
      echo '</script>';
  }
```

Dashboard.php:

```
<?php
  include("init.php");
  $no_of_classes=mysqli_fetch_array(mysqli_query($conn,"SELECT
COUNT(*) FROM `class`"));
  $no_of_students=mysqli_fetch_array(mysqli_query($conn,"SELECT
COUNT(*) FROM `students`"));
  $no_of_result=mysqli_fetch_array(mysqli_query($conn,"SELECT
COUNT(*) FROM `result`"));
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
           name="viewport" content="width=device-width,
                                                              initial-
  <meta
scale=1.0">
  <link rel="stylesheet" href="./css/home.css">
                href="https://fonts.googleapis.com/css?family=Roboto"
  k
rel="stylesheet">
```

```
rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  <link rel="stylesheet" href="normalize.css">
  <title>Dashboard</title>
  <style>
    .main{
       border-radius: 10px;
       border-width: 5px;
       border-style: solid;
       padding: 20px;
       margin: 7% 20% 0 20%;
    }
  </style>
</head>
<body>
  <div class="title">
         href="dashboard.php"><img src="./images/logo1.png"
class="logo"></a>
    <span class="heading">Dashboard</span>
    <a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
```

```
</div>
<div class="nav">
 ul>
   <a href="" class="dropbtn">Classes &nbsp
       <span class="fa fa-angle-down"></span>
     </a>
     <div class="dropdown-content" id="1">
       <a href="add_classes.php">Add Class</a>
       <a href="manage_classes.php">Manage Class</a>
     </div>
   <a href="#" class="dropbtn">Students &nbsp
       <span class="fa fa-angle-down"></span>
     </a>
     <div class="dropdown-content" id="2">
       <a href="add_students.php">Add Students</a>
       <a href="manage_students.php">Manage Students</a>
     </div>
```

```
<a href="#" class="dropbtn">Results &nbsp
           <span class="fa fa-angle-down"></span>
         </a>
         <div class="dropdown-content" id="3">
           <a href="add_results.php">Add Results</a>
           <a href="manage_results.php">Manage Results</a>
         </div>
      </div>
  <div class="main">
    <?php
      echo 'Number of classes:'.$no_of_classes[0].'';
      echo 'Number of students:'.$no_of_students[0].'';
      echo 'Number of results:'.$no_of_result[0].'';
    ?>
  </div>
  <div class="footer">
    <!-- <span>Designed & Coded By Jibin Thomas</span> -->
  </div>
</body>
</html>
```

```
<?php
 include('session.php');
?>
Init.php:
<?php
     $servername = "localhost";
     $username = "root";
     $password = "";
     $conn = mysqli_connect($servername, $username, $password);
     $db = mysqli_select_db($conn,'srms');
?>
Login.php:
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
           name="viewport" content="width=device-width,
                                                              initial-
  <meta
scale=1.0">
  <title>Index Page</title>
  <link rel="stylesheet" href="css/login.css">
```

```
rel="stylesheet" href="./font-awesome-4.7.0/css/font-
  k
awesome.css">
  link
                href="https://fonts.googleapis.com/css?family=Roboto"
rel="stylesheet">
</head>
<body>
  <div class="title">
    <span>Student Result Management System</span>
  </div>
  <div class="main">
    <div class="login">
       <form action="" method="post" name="login">
         <fieldset>
           <legend class="heading">Admin Login</legend>
           <input type="text" name="userid"
                                                 placeholder="Email"
autocomplete="off">
                          type="password"
                                                   name="password"
           <input
placeholder="Password" autocomplete="off">
           <input type="submit" value="Login">
         </fieldset>
       </form>
    </div>
    <div class="search">
```

```
<form action="./student.php" method="get">
         <fieldset>
            <legend class="heading">For Students</legend>
            <?php
              include('init.php');
              $class_result=mysqli_query($conn,"SELECT
                                                                `name`
FROM `class`");
                 echo '<select name="class">';
                 echo '<option selected disabled>Select Class</option>';
              while($row = mysqli_fetch_array($class_result)){
                 $display=$row['name'];
                 echo '<option value="'.$display.'">'.$display.'</option>';
              }
               echo'</select>'
            ?>
            <input type="text" name="rn" placeholder="Roll No">
            <input type="submit" value="Get Result">
          </fieldset>
       </form>
```

```
</div>
  </div>
</body>
</html>
<?php
  include("init.php");
  session_start();
  if (isset($_POST["userid"],$_POST["password"]))
  {
    $username=$_POST["userid"];
    $password=$_POST["password"];
    $sql
                "SELECT
                            userid
                                     FROM
                                              admin login
                                                             WHERE
userid='$username' and password = '$password'";
    $result=mysqli_query($conn,$sql);
    // $row=mysqli_fetch_array($result);
    $count=mysqli_num_rows($result);
    if($count==1) {
       $_SESSION['login_user']=$username;
       header("Location: dashboard.php");
    }else {
       echo '<script language="javascript">';
```

```
echo 'alert("Invalid Username or Password")';
echo '</script>';
}
}
```

Logout.php:

```
<?php
session_start();
if(session_destroy()) {
   header("Location: login.php");
   echo '<script language="javascript">';
   echo 'alert("Logout successful")';
   echo '</script>';
}
?>
```

Manage_classes.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
<meta charset="UTF-8">
           name="viewport" content="width=device-width,
                                                              initial-
  <meta
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  k rel="stylesheet" href="css/home.css">
                href="https://fonts.googleapis.com/css?family=Roboto"
  k
rel="stylesheet">
           rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  k rel="stylesheet" type='text/css' href="css/manage.css">
  <title>Dashboard</title>
</head>
<body>
  <div class="title">
    <a href="dashboard.php"><img src="./images/logo1.png"
class="logo"></a>
    <span class="heading">Dashboard</span>
    <a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
  </div>
  <div class="nav">
```

```
ul>
 <a href="" class="dropbtn">Classes &nbsp
     <span class="fa fa-angle-down"></span>
   </a>
   <div class="dropdown-content" id="1">
     <a href="add_classes.php">Add Class</a>
     <a href="manage_classes.php">Manage Class</a>
   </div>
 <a href="#" class="dropbtn">Students &nbsp
     <span class="fa fa-angle-down"></span>
   </a>
   <div class="dropdown-content" id="2">
     <a href="add_students.php">Add Students</a>
     <a href="manage_students.php">Manage Students</a>
   </div>
 <a href="#" class="dropbtn">Results &nbsp
     <span class="fa fa-angle-down"></span>
```

```
</a>
      <div class="dropdown-content" id="3">
         <a href="add_results.php">Add Results</a>
         <a href="manage_results.php">Manage Results</a>
      </div>
    </div>
<div class="main">
  <?php
    include('init.php');
    include('session.php');
    $db = mysqli_select_db($conn,'srms');
    $sql = "SELECT `name`, `id` FROM `class`";
    $result = mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) > 0) {
      echo "
      <caption>Manage Classes/caption>
```

```
NAME
        ";
        while($row = mysqli_fetch_array($result))
         {
         echo "";
         echo "" . $row['id'] . "";
         echo "" . $row['name'] . "";
         echo "";
         }
        echo "";
      } else {
        echo "0 results";
      }
    ?>
  </div>
</body>
```

ID

</html>

Manage_results.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
           name="viewport" content="width=device-width,
  <meta
                                                              initial-
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link rel="stylesheet" href="./css/home.css">
                href="https://fonts.googleapis.com/css?family=Roboto"
  k
rel="stylesheet">
           rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  k rel="stylesheet" href="./css/form.css">
  <title>Dashboard</title>
</head>
<body>
  <div class="title">
         href="dashboard.php"><img src="./images/logo1.png"
class="logo"></a>
```

```
<span class="heading">Dashboard</span>
    <a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
  </div>
  <div class="nav">
    ul>
      <a href="" class="dropbtn">Classes &nbsp
          <span class="fa fa-angle-down"></span>
        </a>
       <div class="dropdown-content" id="1">
          <a href="add_classes.php">Add Class</a>
          <a href="manage_classes.php">Manage Class</a>
        </div>
      <a href="#" class="dropbtn">Students &nbsp
          <span class="fa fa-angle-down"></span>
        </a>
       <div class="dropdown-content" id="2">
          <a href="add_students.php">Add Students</a>
          <a href="manage_students.php">Manage Students</a>
```

```
</div>
    <a href="#" class="dropbtn">Results &nbsp
        <span class="fa fa-angle-down"></span>
      </a>
      <div class="dropdown-content" id="3">
        <a href="add_results.php">Add Results</a>
        <a href="manage_results.php">Manage Results</a>
      </div>
    </div>
<div class="main">
  <br>>cbr><br>>
  <form action="" method="post">
    <fieldset>
      <legend>Delete Result</legend>
      <?php
        include('init.php');
        include('session.php');
```

```
$class_result=mysqli_query($conn,"SELECT `name` FROM
`class`");
              echo '<select name="class_name">';
              echo '<option selected disabled>Select Class</option>';
            while($row = mysqli_fetch_array($class_result)){
              $display=$row['name'];
              echo '<option value="'.$display.">'.$display.'</option>';
            }
            echo'</select>'
         ?>
         <input type="text" name="rno" placeholder="Roll No">
         <input type="submit" value="Delete">
       </fieldset>
     </form>
     <br><br><br>>
    <form action="" method="post">
       <fieldset>
         <legend>Update Result</legend>
         <?php
            $class_result=mysqli_query($conn,"SELECT `name` FROM
`class`");
```

```
echo '<select name="class">';
              echo '<option selected disabled>Select Class</option>';
            while($row = mysqli_fetch_array($class_result)){
              $display=$row['name'];
              echo '<option value="'.$display.">'.$display.'</option>';
            }
            echo'</select>'
       ?>
         <input type="text" name="rn" placeholder="Roll No">
         <input type="text" name="p1" id="" placeholder="Paper 1">
         <input type="text" name="p2" id="" placeholder="Paper 2">
         <input type="text" name="p3" id="" placeholder="Paper 3">
         <input type="text" name="p4" id="" placeholder="Paper 4">
         <input type="text" name="p5" id="" placeholder="Paper 5">
         <input type="submit" value="Update">
       </fieldset>
    </form>
  </div>
  <!-- <div class="footer">
    <span>Designed & Coded By Jibin Thomas/span>
  </div> -->
</body>
```

```
</html>
<?php
        if(isset($_POST['class_name'],$_POST['rno'])) {
                $class_name=$_POST['class_name'];
                $rno=$_POST['rno'];
                echo $class_name;
                echo $rno;
                $delete_sql=mysqli_query($conn,"DELETE from `result` where
`rno`='$rno' and `class`='$class_name'");
                if(!$delete_sql){
                        echo '<script language="javascript">';
                        echo 'alert("Not available")';
                        echo '</script>';
                } else {
                         echo '<script language="javascript">';
                        echo 'alert("Deleted")';
                        echo '</script>';
                }
        }
if(isset(\$\_POST['rn'],\$\_POST['p1'],\$\_POST['p2'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],\$\_POST['p3'],
p4'],$_POST['p5'],$_POST['class'])) {
                $rno=$_POST['rn'];
```

```
$class_name=$_POST['class'];
     $p1=(int)$_POST['p1'];
    $p2=(int)$_POST['p2'];
     $p3=(int)$_POST['p3'];
     $p4=(int)$_POST['p4'];
     $p5=(int)$_POST['p5'];
     $marks=$p1+$p2+$p3+$p4+$p5;
     $percentage=$marks/5;
    $sql="UPDATE
                                        `result`
                                                                   SET
`p1`='$p1',`p2`='$p2',`p3`='$p3',`p4`='$p4',`p5`='$p5',`marks`='$marks',`
percentage`='$percentage'
                                                 `rno`='$rno'
                                 WHERE
                                                                    and
`class`='$class name'";
     $update_sql=mysqli_query($conn,$sql);
    if(!$update_sql){
       echo '<script language="javascript">';
       echo 'alert("Invalid Details")';
       echo '</script>';
    } else {
       echo '<script language="javascript">';
       echo 'alert("Updated")';
       echo '</script>';
```

```
}
}
?>
```

Manage_students.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
           name="viewport" content="width=device-width,
                                                               initial-
  <meta
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  k rel="stylesheet" href="css/home.css">
                 href="https://fonts.googleapis.com/css?family=Roboto"
  link
rel="stylesheet">
           rel="stylesheet" href="./css/font-awesome-4.7.0/css/font-
  k
awesome.css">
  <link rel="stylesheet" type='text/css' href="css/manage.css">
  <title>Dashboard</title>
</head>
<body>
  <div class="title">
```

```
href="dashboard.php"><img src="./images/logo1.png"
                                                      alt=""
class="logo"></a>
    <span class="heading">Dashboard</span>
    <a href="logout.php" style="color: white"><span class="fa fa-sign-
out fa-2x">Logout</span></a>
  </div>
  <div class="nav">
    ul>
      <a href="" class="dropbtn">Classes &nbsp
          <span class="fa fa-angle-down"></span>
        </a>
        <div class="dropdown-content" id="1">
          <a href="add_classes.php">Add Class</a>
          <a href="manage_classes.php">Manage Class</a>
        </div>
      <a href="#" class="dropbtn">Students &nbsp
          <span class="fa fa-angle-down"></span>
        </a>
        <div class="dropdown-content" id="2">
```

```
<a href="add_students.php">Add Students</a>
        <a href="manage_students.php">Manage Students</a>
      </div>
    <a href="#" class="dropbtn">Results &nbsp
        <span class="fa fa-angle-down"></span>
      </a>
      <div class="dropdown-content" id="3">
        <a href="add_results.php">Add Results</a>
        <a href="manage_results.php">Manage Results</a>
      </div>
    </div>
<div class="main">
  <?php
    include('init.php');
    include('session.php');
    $sql = "SELECT `name`, `rno`, `class_name` FROM `students`";
    $result = mysqli_query($conn, $sql);
    if (mysqli_num_rows($result) > 0) {
```

```
echo "
     <caption>Manage Students</caption>
     NAME
     ROLL NO
     CLASS
     ";
     while($row = mysqli_fetch_array($result))
      {
       echo "";
       echo "" . $row['name'] . "";
       echo "" . $row['rno'] . "";
       echo "" . $row['class_name'] . "";
       echo "";
      }
     echo "";
   } else {
     echo "0 Students";
   }
 ?>
</div>
```

```
<div class="footer">
    <!-- <span>Designed & Coded By Jibin Thomas</span> -->
    </div>
</body>
</html>
```

Session.php:

```
<?php
 include('init.php');
 session_start();
 $db = mysqli_select_db($conn,'srms');
 $user_check = $_SESSION['login_user'];
 $ses_sql = mysqli_query($conn,"select userid from admin_login where
userid= '$user_check'");
 $row = mysqli_fetch_array($ses_sql);
 $login_session = $row['userid'];
 if(!isset($_SESSION['login_user'])){
   header("Location:login.php");
?>
```

Login.php:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
            name="viewport" content="width=device-width,
                                                               initial-
  <meta
scale=1.0">
  <link rel="stylesheet" href="./css/student.css">
  <title>Result</title>
</head>
<body>
  <?php
    include("init.php");
    if(!isset($_GET['class']))
       $class=null;
    else
       $class=$_GET['class'];
    $rn=$_GET['rn'];
    // validation
    if (empty($class) or empty($rn) or preg_match("/[a-z]/i",$rn)) {
       if(empty($class))
         echo 'Please select your class';
```

```
if(empty($rn))
         echo 'Please enter your roll number';
       if(preg_match("/[a-z]/i",$rn))
         echo 'Please enter valid roll number';
      exit();
    }
    $name_sql=mysqli_query($conn,"SELECT
                                                 `name`
                                                             FROM
`students` WHERE `rno`='$rn' and `class_name`='$class'");
    while($row = mysqli_fetch_assoc($name_sql))
    {
    $name = $row['name'];
    }
    $result_sql=mysqli_query($conn,"SELECT `p1`, `p2`, `p3`, `p4`,
`p5`, `marks`, `percentage` FROM `result` WHERE `rno`='$rn' and
`class`='$class'");
    while($row = mysqli_fetch_assoc($result_sql))
    {
       p1 = \text{yrow}[p1'];
      p2 = \text{row}[p2];
      p3 = \text{weight};
      p4 = \text{yrow}[p4'];
```

```
p5 = \text{yrow}[p5'];
    $mark = $row['marks'];
    $percentage = $row['percentage'];
  }
  if(mysqli_num_rows($result_sql)==0){
    echo "no result";
    exit();
 }
?>
<div class="container">
  <div class="details">
    <span>Name:</span> <?php echo $name ?> <br>
    <span>Class:</span> <?php echo $class; ?> <br>
    <span>Roll No:</span> <?php echo $rn; ?> <br>
  </div>
  <div class="main">
    <div class="s1">
      Subjects
      Paper 1
      Paper 2
      Paper 3
      Paper 4
```

```
Paper 5
      </div>
      <div class="s2">
        Marks
        <?php echo '<p>'.$p1.'';?>
        <?php echo '<p>'.$p2.'';?>
        <?php echo '<p>'.$p3.'';?>
        <?php echo '<p>'.$p4.'';?>
        <?php echo '<p>'.$p5.'';?>
      </div>
    </div>
    <div class="result">
      <?php echo '<p>Total Marks:&nbsp'.$mark.'';?>
      <?php echo '<p>Percentage:&nbsp'.$percentage.'%';?>
    </div>
    <div class="button">
      <button onclick="window.print()">Print Result
    </div>
  </div>
</body>
</html>
```

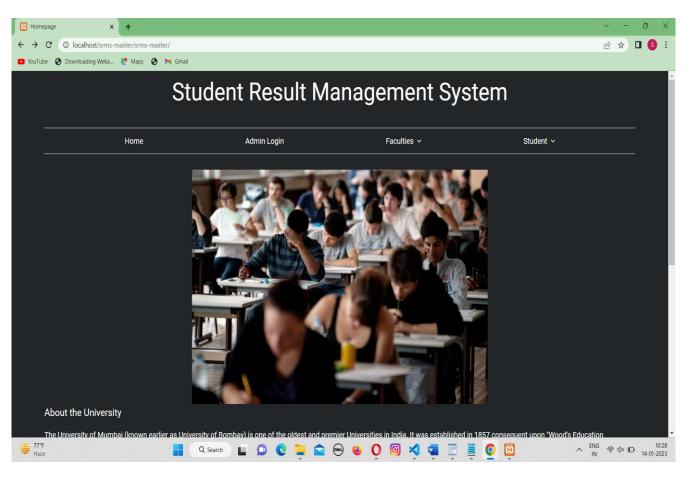
Index.php:

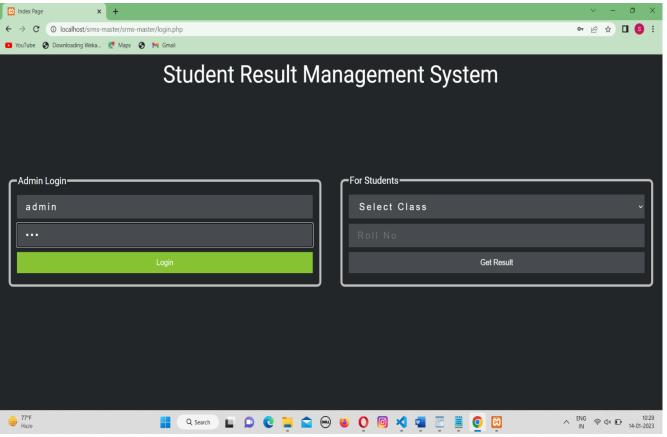
```
<?php

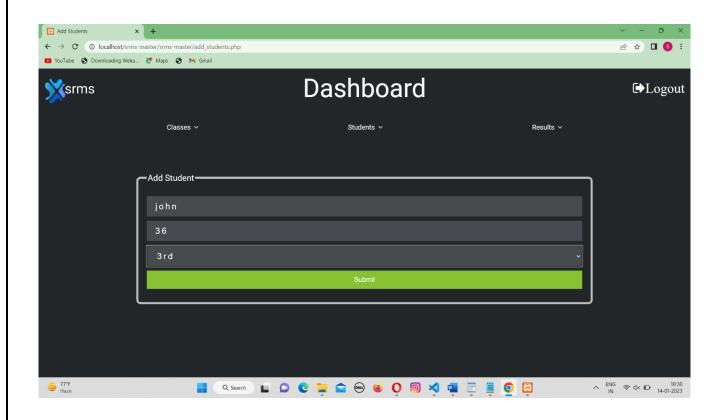
if (!empty($_SERVER['HTTPS']) && ('on' == $_SERVER['HTTPS']))
{

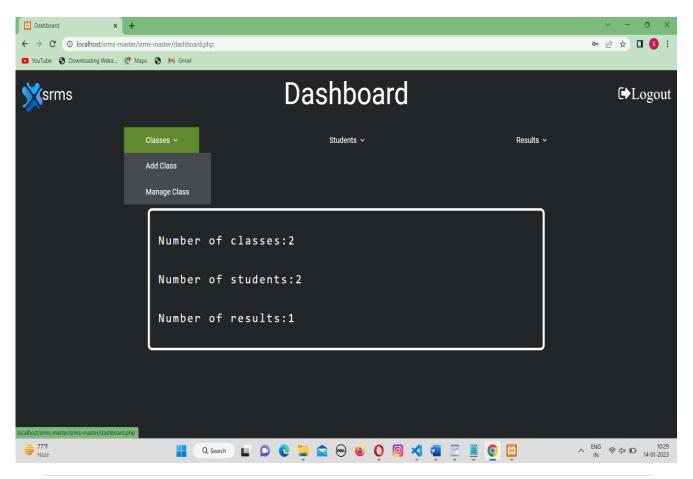
    $uri = 'https://';
} else {
    $uri = 'http://';
}

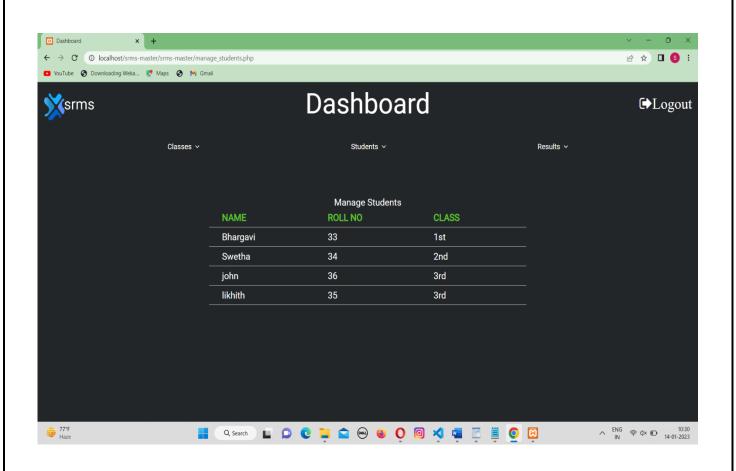
$uri .= $_SERVER['HTTP_HOST'];
header('Location: '.$uri.'/dashboard/');
exit;
?>
```

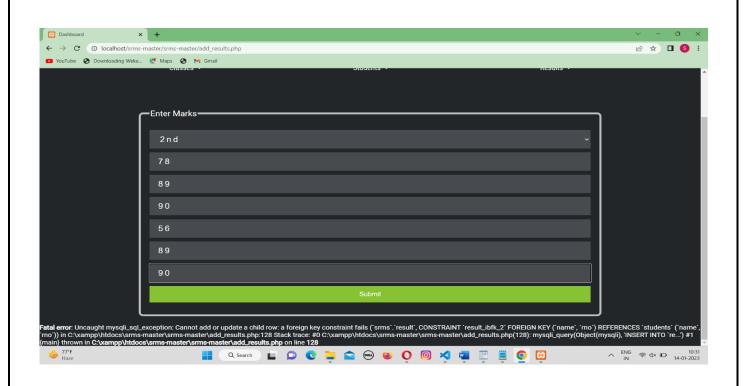


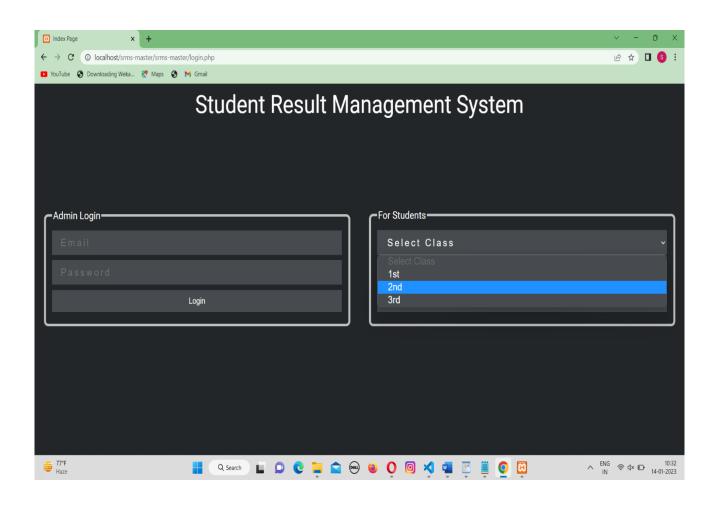


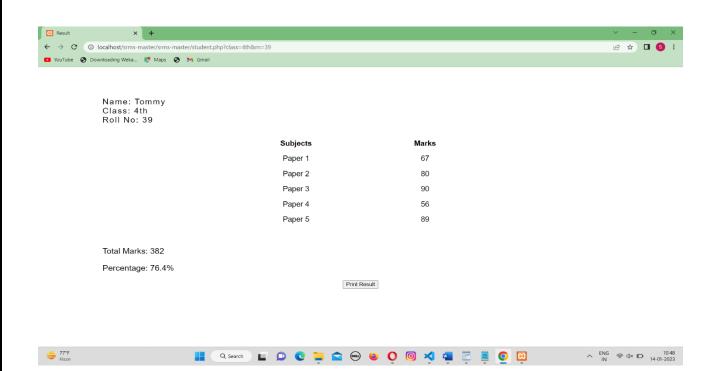












References:

PHP black book

By <u>Moulding, Peter</u>

Publication date <u>2001</u>

Topics <u>Computer Programming, Electronic mail (email), Internet -</u> General, Computer Networks, Computer Programming Languages, Computers, Computers -

Languages / Programming, Programming Languages - General, Computer Books:

General, Programming - General, PHP (Computer program language, PHP (Computer program

language), Computer Bks - Languages / Programming

Publisher Scottsdale, AZ : Coriolis Group Books

Collection inlibrary; printdisabled; internetarchivebooks; china

Conclusion:

Student result management has been successfully done by adding classes, managing students, entering and viewing the marks