**STUDENT REPORT CARD**

*By*

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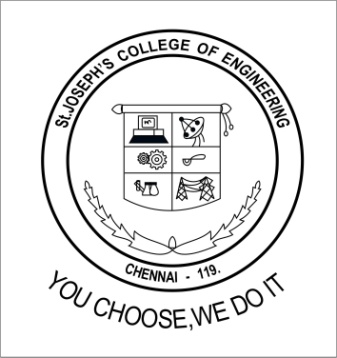
**RAKESH DHILIP (312319205126)**

*A report for mini project*

*Submitted to the Department of*

**INFORMATION TECHNOLOGY**

**St.JOSEPH’S COLLEGE OF ENGINEERING**



**ON**

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**BUSINESS RULE**

A Admin can have a number of students. each student have a 5 subject marks, a student ID.Each student can be customer only. All the customers can avail a number of beautiful facilities. Even each facility can be availed to a no. of customers. An employee working in this organization can manage other employee. Employees working in the organization can look after customers as well as rooms in system. Therefore all customers and rooms are looked by employees.

**PROBLEM STATEMENT**

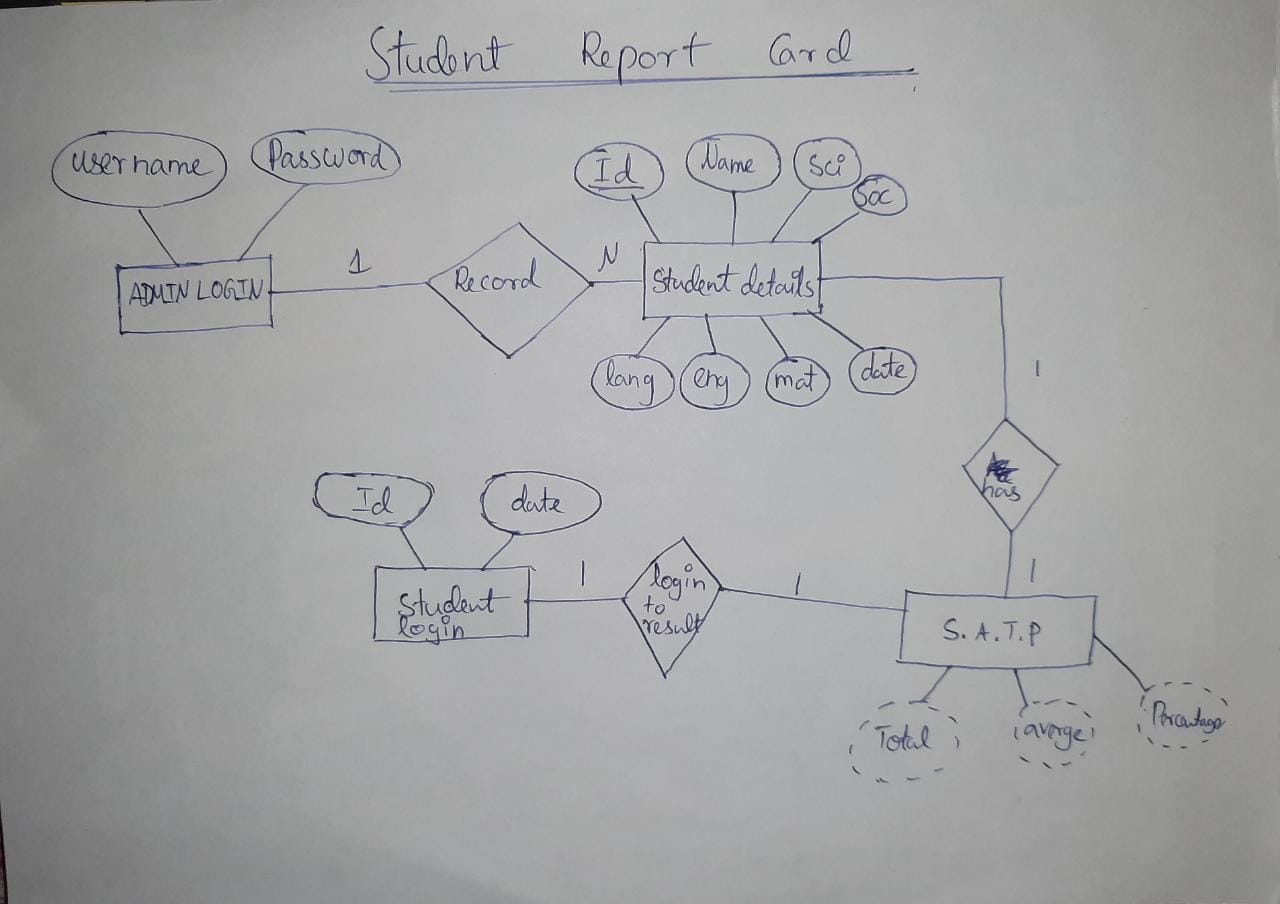
* An Admin can add no. of students.
* Each student can check their respective marks.
* Each student can have only student ID.
* Each student have to enter their DOB to see their report card in student portal
* The admin can only one password
* Each student can get their percentage average and total(INNER JOIN)
* There can be many no. of admin
* Admin enter the 5 subject marks in privacy and all the marks are stored in database and total,percentage and average is calculated automatically
* NOTE: Student can login only if the admin entered particular the student details adequately if not the student login page will throw a message as “LOGIN INVALID ”.

**BACK END DESIGN(USING PHP)**

**IDENTIFICATION OF ENTITY**

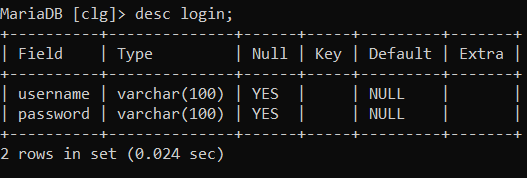
* Admin
* AVERAGE
* Student\_login
* Student1

**ER DIAGRAM:**

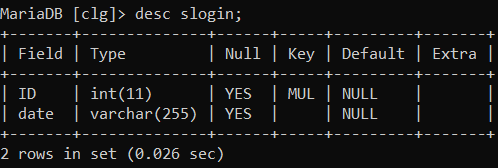
****

**TABLES:**

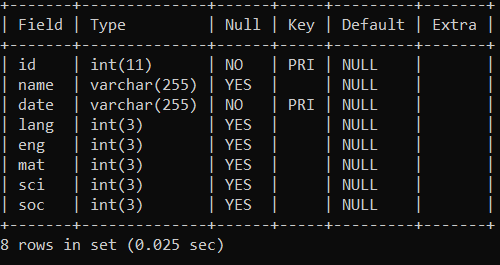
Admin:



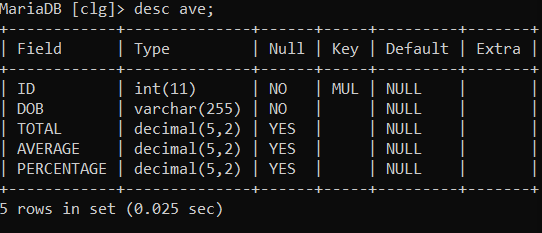
Student\_login:



**Student Details:**



AVERAGE:



**RELATION BETWEEN TABLES:**

* ADMIN LOGIN ,STUDENT DETAILS,AVERAGE,STUDENT LOGIN
* ADMIN LOGIN CAN RECORD MANY STUDENT DETAILS  
  **one**-to-many (**1**:**N**) **relationship** .
* STUDENT DETAILS CAN HAVE ONLY ONE AVERAGE,PERCENTAGE ,TOTAL. SO one-to-one relationship
* NOTE:AVERAGE,PERCENTAGE,TOTAL are derived from Student marks.so AVERAGE,PERCENTAGE,TOTAL attributes are Derived Attributes.
* One student can have only one Mark Sheet.so one-to-one relationship.

**DATA DEFINITION LANGUAGE:**

* We specify a database schema by a set of definitions by a special language called a data definition language(DDL).
* This DDL is also used to specify additional properties of the data
* The DDL commands are,
  + - * + Create
        + Alter
        + Rename
        + Truncate
        + Drop

**COMMANDS:**

* CREATE
* SYNTAX:create table <table name>(column1datatype1,…column datatype n);
* ALTER
* SYNTAX: alter table <table name>MODIFY(columndatatype,…);

alter table <table name>ADD(column datatype,..);

alter table <table name>DROP(column name);

* Rename
* SYNTAX: rename <old tablename>to<new tablename>
* Truncate
* SYNTAX: truncate table <table name>;
* Drop
* SYNTAX: drop table <table name>;

**TABLE CREATION IN COMMAND PROMPT:**

1. Create table login(username varchar(110),password varchar(110));
2. Create table student(id int(11),name varchar(255),date varchar(255),lang int(3),eng int(3),mat int(3),sci int(3),soc int(3) primary key(id,date) );
3. Create table ave(ID int(11),DOB varchar(255),TOTAL decimal(5,2),AVERAGE decimal(5,2),PERCENTAGE decimal(5,2),foreign key(ID,DOB) references student(id,date));
4. create table slogin(ID int(11),DOB varchar(255),foreign key(ID,DOB) references student(id,date));
5. FOR INNER JOIN: "select RANK() over(order by total desc) as RANK,student.id as ID,student.name AS NAME,student.date AS DATE\_OF\_BIRTH,student.lang AS LANGUAGE,student.eng As ENGLISH,student.mat as MATHS,student.sci as SCIENCE,student.soc as SOCIAL,ave.TOTAL as TOTAL,ave.AVERAGE as AVERAGE,ave.PERCENTAGE as PERCENTAGE from student inner join ave on student.id=ave.id and ave.dob=student.date;

**FRONT END DESIGN(HTML AND CSS):**

**BASIC SYNTAX IN HTML PHP:**

**INPUT:**

* **<input type="text" placeholder=" Username" name="uname" required>**
* **<input type="password" placeholder="Password" name="psw" required>**
* **$con = mysqli\_connect('localhost','root','','clg');**
* **$username = $\_GET['uname'];**
* **$password = $\_GET['psw'];**
* **if(isset($\_GET['psw']))**
* **$sql = "select \*from login where username = '$username' and password = '$password'";**
* **$result = mysqli\_query($con, $sql);**
* **$count = mysqli\_num\_rows($result);**

**AVERAGE ,TOTAL,PERCENTAGE CALCULATION:**

* **$ave=0.0;**
* **$per=0.0;**
* **$total=0.0;**
* **$total=$lang+$english+$maths+$science+$social;**
* **$ave=($lang+$english+$maths+$science+$social)/5;**
* **$sql1 = "insert into values($id,'$date',$total,$ave,$per)";**
* **mysqli\_query($con, $sql1);**

**OUTPUT:**

* **TABLE IN HTML**
* **$sql2="select RANK() over(order by total desc) as RANK,student.id as ID,student.name AS NAME,student.date AS DATE\_OF\_BIRTH,student.lang AS LANGUAGE,student.eng As ENGLISH,student.mat as MATHS,student.sci as SCIENCE,student.soc as SOCIAL,ave.TOTAL as TOTAL,ave.AVERAGE as AVERAGE,ave.PERCENTAGE as PERCENTAGE from student inner join ave on student.id=ave.id and ave.dob=student.date;";**
* **$resul = mysqli\_query($con, $sql2);**
* **$row = mysqli\_num\_rows($resul);**
* **while($rows = mysqli\_fetch\_array($resul))**
* **<td><?php echo $rows['RANK'];?></td>**
* **<td><?php echo $rows['ID'];?></td>**
* **<td><?php echo $rows['NAME'];?></td>**
* **<td><?php echo $rows['DATE\_OF\_BIRTH'];?></td>**
* **<td><?php echo $rows['LANGUAGE'];?></td>**
* **<td><?php echo $rows['ENGLISH'];?></td>**
* **<td><?php echo $rows['MATHS'];?></td>**
* **<td><?php echo $rows['SCIENCE'];?></td>**
* **<td><?php echo $rows['SOCIAL'];?></td>**
* **<td><?php echo $rows['TOTAL'];?></td>**
* **<td><?php echo $rows['AVERAGE'];?></td>**
* **<td><?php echo $rows['PERCENTAGE'];?></td>**

HOMEPAGE CODE:

<!DOCTYPE html>

<html>

<head>

<style>

.button1:hover {

background-color: #660000;

}

.button2:hover {

background-color: #99004d;

}

.button1 {

background-color: #ff6666;

border-radius: 12px;

width: 40%;

height:10%;

color: white;

position: absolute;

left: 450px;

top: 300px;

;

font-size: 16px;

margin: 5px;

border: 5px;

}

.button2 {

background-color: #ff4da6;

border-radius: 12px;

width: 40%;

height:10%;

color: white;

position: absolute;

left: 450px;

top: 400px;

border: 5px;

font-size: 16px;

margin: 5px;

}

img{

position:absolute;

width:50%;

height:80%;

top:-100px;

left:400px;

}

</style>

<style type="text/css">

body {

background-image: url('image/Back-to-School-2560x1600.jpg');

background-repeat: no-repeat;

background-attachment: fixed;

background-size: 100% 100%;

}

</style>

</head>

<body>

<center>

<form class="image" action="tamil.htm" method="get">

<img src="image/Copy+of+Welcome+Long.png">

<br>

<br>

<br>

<br>

<br>

<button class="button button1" formaction=studentlogin.htm>STUDENT LOGIN</button>

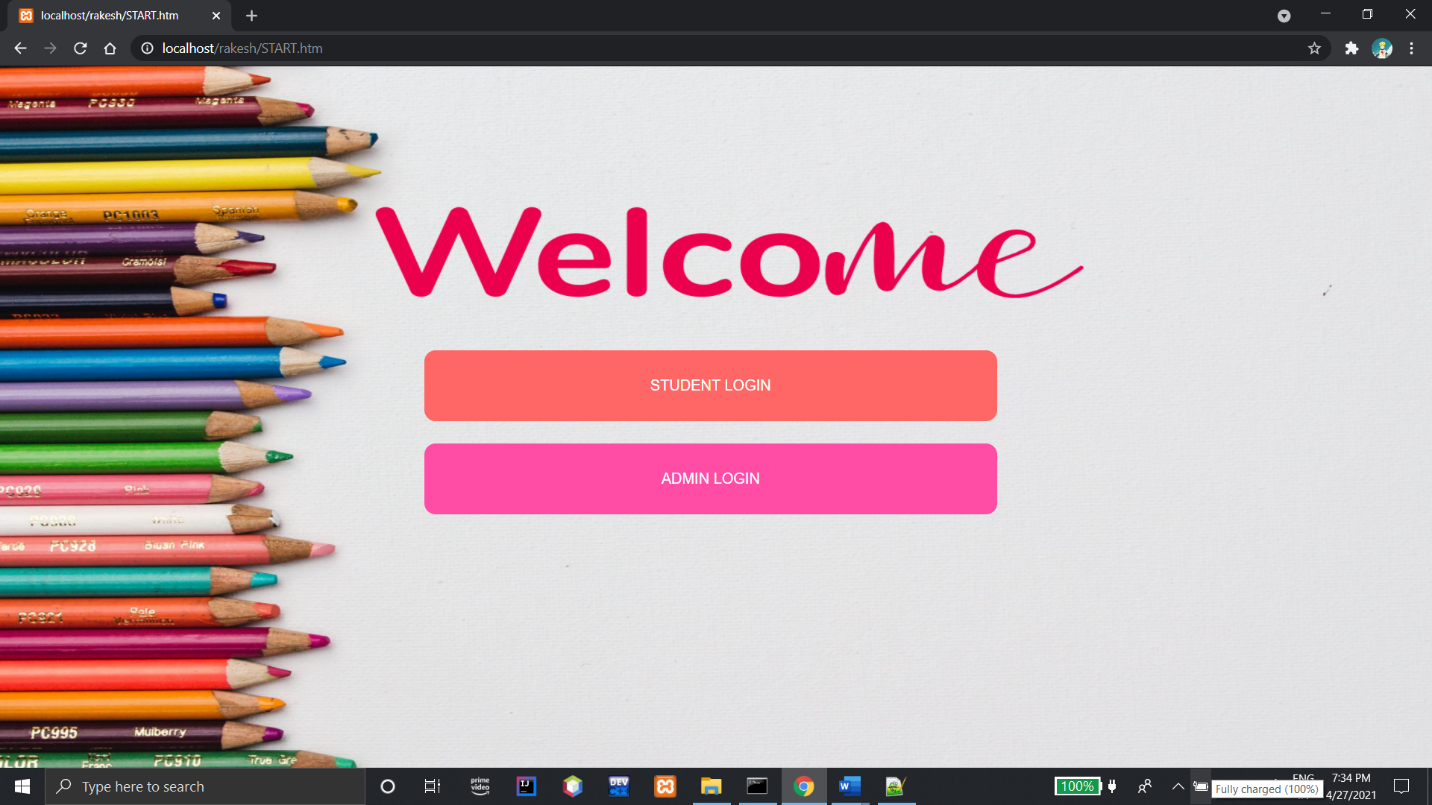
<button class="button button2" formaction="tamil.htm">ADMIN LOGIN</button>

</form>

</center>

</body>

</html>

****

**ADMIN PAGE CODE:**

<html>

<head>

<title>LOGIN </title>

</head>

<style>

body {

position:absolute;

background-repeat: no-repeat;

background-size:100% 100%;

margin:0px;

padding:0px;

}

.box{

width: 30%;

height:30%;

border: solid white;

position:relative;

top:320px;

left:190px;

;

}

.box input[type = "text"]{

background-color: #ffe6cc;

border-radius: 15px 50px;

radius:12px;

width: 90%;

padding: 12px 20px;

font-size:50px;

margin: 8px 0;

font-family:Stencil Std, fantasy

}

.box input[type = "password"]

{

border-radius: 15px 50px;

width: 90%;

padding: 12px 20px;

margin: 8px 0;

background-color: #ffe6cc;

font-size:50px;

font-family:Stencil Std, fantasy

}

.box button:hover{

background-color: #ffc266;

}

.box button{

background-color: orange;

border: none;

text-decoration: none;

padding: 20px 20px;

margin: 20px 20px;

cursor: pointer;

font-family:Stencil Std, fantasy;

button-radius:12px;

}

img{

position:absolute;

width:20%;

height:40%;

top:100px;

left:600px;

}

.box label{

color: white;

font-family:Stencil Std, fantasy;

font-size:50px;

padding: 8px;

border: 3px;

}

</style>

<body background="image/245381.jpg">

<img src="image/pnghut\_royalty-free-clip-art-depositphotos-system-admin-icon.png">

**<form class="box" action="student.htm" method=""POST" align="center">**

**<label><color="white">ADMIN LOGIN</color></label>**

**<input type="text" placeholder=" Username" name="uname" required>**

**<input type="password" placeholder="Password" name="psw" required>**

**<button type ="submit" formaction="rakesh.php"> SUBMIT </button>**

**</form>**

</body>

</html>

<html>

<style>

label2{

color: white;

font-family:Stencil Std, fantasy;

font-size:50px;

padding: 8px;

border: 3px;

}

label1{

color: white;

font-family:Stencil Std, fantasy;

font-size:50px;

padding: 8px;

border: 3px;

}

</style>

<body background="image/drew-beamer-Lhgt4JjW-hs-unsplash.jpg">

**<?php**

**$con = mysqli\_connect('localhost','root','','clg');**

**$link1="tamil.htm";**

**$username = $\_GET['uname'];**

**$password = $\_GET['psw'];**

**if(isset($\_GET['psw']))**

**{**

**$sql = "select \*from login where username = '$username' and password = '$password'";**

**$result = mysqli\_query($con, $sql);**

**$count = mysqli\_num\_rows($result);**

**if($count==1)**

**{**

**echo"<label1><center>login successfully</center></label1>";**

**header('Location: student.htm');**

**}**

**else**

**{**

**echo"<label1><center>login invalid</center></label1>";**

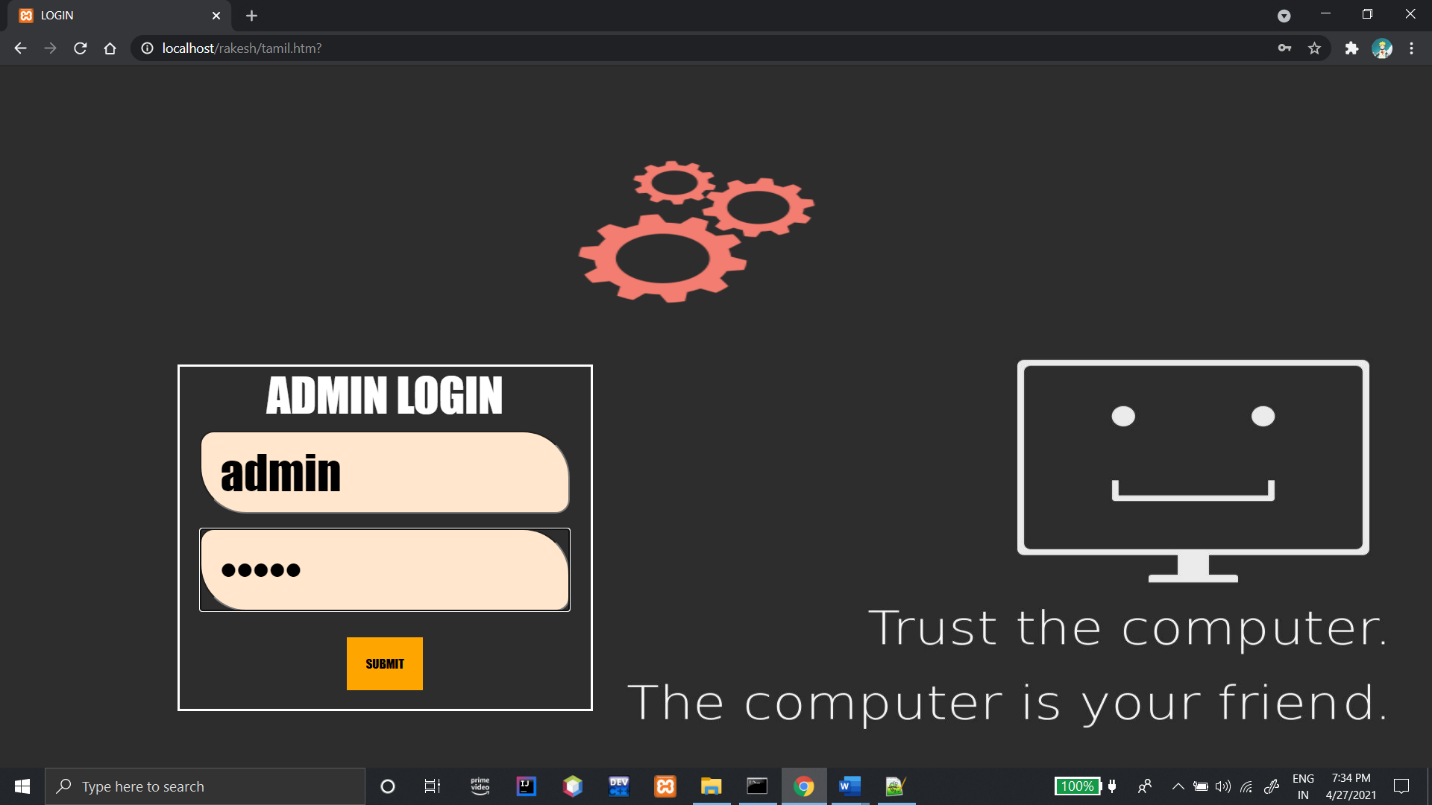
**}**

**}**

**?>**

</body>

</html>

****

STUDENT DETAILS CODE:

<html>

<head>

<title>LOGIN </title>

</head>

<style>

img{

position:absolute;

width:30%;

height:80%;

top:100px;

left:150px;

}

body {

position:absolute;

background-repeat: no-repeat;

margin:0px;

padding:0px;

}

.box{

font-family:Stencil Std, fantasy;

width: 30%;

height:10%;

border: 8px solid white;

position:relative;

top:130px;

left:700px;

;

}

.box input:hover{

background-color: #000000;

}

::placeholder {

color: red;

text-align:center;

}

.box input

{

background-color: white;

border-style: solid;

border-width: 9px;

width: 90%;

padding: 12px 20px;

border: black 2px;

font-size:15px;color: red;

border-radius: 90px 90px;

margin: 8px 0;

font-family:Tahoma, sans-serif;

}

.box button{

background-color: orange;

border: none;

text-decoration: none;

padding: 20px 20px;

margin: 20px 20px;

cursor: pointer;

font-family:Stencil Std, fantasy

}

label{

color: white;

font-family:Tahoma, sans-serif;

font-size:50px;

position:absolute;

top:20px;

left:250px;

}

</style>

<body background="image/drew-beamer-Lhgt4JjW-hs-unsplash.jpg">

<img src="image/pnghut\_student-school-education-learning-logo.png">

<label>ENTER THE STUDENT DETAILS AND MARKS</label>

<form class="box" action="mark.php" align="center">

**<input type="number" placeholder=" STUDENT ID" name="id" required>**

**<input type="text" placeholder="STUDENT NAME" name="name" required>**

**<input type="text" placeholder="DOB" name="date" required>**

**<input type="number" placeholder="LANGUAGE MARK " name="lang" required>**

**<input type="number" placeholder="ENGLISH MARK" name="english" required>**

**<input type="number" placeholder="MATHS MARK" name="maths" required>**

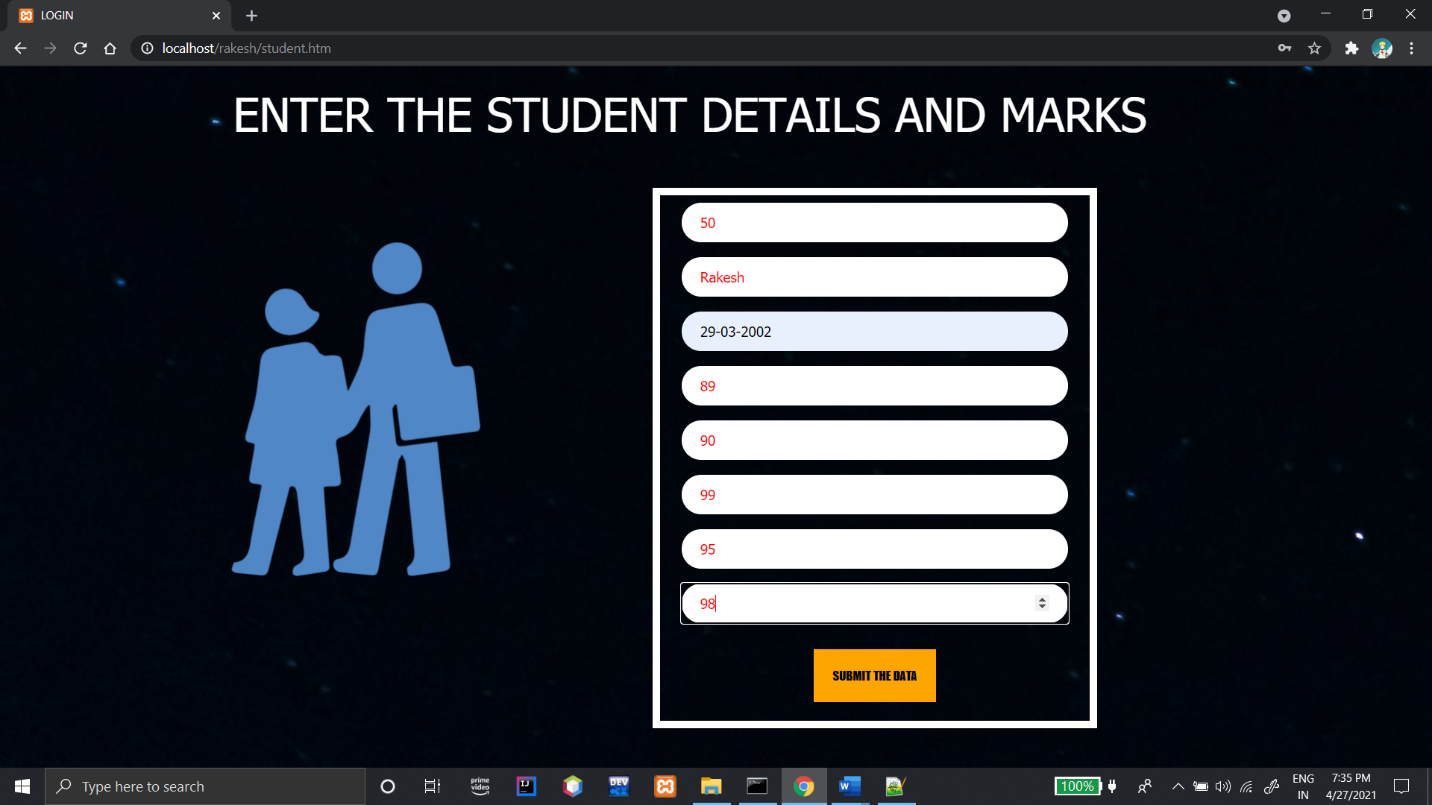
**<input type="number" placeholder="SCIENCE MARK" name="science" required>**

**<input type="number" placeholder="SOCIAL MARK" name="social" required>**

**<button type ="submit" formaction="mark.php"> SUBMIT THE DATA </button>**

</form>

</body>

</html>

ADMIN VIEW ABOUT CODE:

<html>

<style>

table, th, td {

border: 5px solid chartreuse;

border-collapse: collapse;

}

table{

position:absolute;

top:900px;

left:270px;

}

th, td {

padding: 5px;

text-align: left;

}

label{

color: chartreuse;

font-family:Tahoma, sans-serif;

font-size:50px;

padding: 8px;

border: 3px;

}

button:hover {

background-color: #99004d;

}

a{

background-color: white;

text-decoration:none;

font-family:Stencil Std, fantasy;

font-size:50px;

color:black;

border-radius: 12px;

width: 20%;

height:4%;

position: absolute;

left: 580px;

top: 400px;

font-size: 16px;

margin: 5px;

border: 5px;

}

a:hover{

background-color: black;

color:white;

}

body {

background-image: url('image/drew-beamer-Lhgt4JjW-hs-unsplash.jpg');

background-repeat: no-repeat;

background-attachment: fixed;

background-size: 100% 100%;

}

</style>

<body>

**<?php**

**$con = mysqli\_connect('localhost','root','','clg');**

**$link1="tamil.htm";**

**$id = $\_GET['id'];**

**$date=$\_GET['date'];**

**$name = $\_GET['name'];**

**$lang = $\_GET['lang'];**

**$english = $\_GET['english'];**

**$maths = $\_GET['maths'];**

**$science = $\_GET['science'];**

**$social = $\_GET['social'];**

**if(isset($\_GET['name']))**

**{**

**$sql = "insert into student values($id,'$name','$date',$lang,$english,$maths,$science,$social)";**

**$sql1="insert into slogin values($id,'$date')";**

**$result = mysqli\_query($con, $sql);**

**$result1 = mysqli\_query($con, $sql1);**

**$count=mysqli\_affected\_rows($con);**

**if($count==1){**

**$ave=0.0;**

**$per=0.0;**

**$total=0.0;**

**$total=$lang+$english+$maths+$science+$social;**

**$ave=($lang+$english+$maths+$science+$social)/5;**

**echo "<label><center> $id $name</center></label>";**

**echo "<label><center> AVERAGE =$ave</center></label>";**

**echo "<label><center> TOTAL =$total</center></label>";**

**$per=($ave\*100)/100;**

**echo "<label><center> PERCENTAGE =$per</center></label>";**

**if($total >= 450)**

**{**

**echo "<label><center> COMMENT =VERY GOOD</center></label>";**

**}**

**elseif($total >=350)**

**{**

**echo "<label><center> COMMENT =CAN DO BETTER</center></label>";**

**}**

**elseif($total >=400)**

**{**

**echo "<label><center> COMMENT = GOOD</center></label>";**

**}**

**elseif($total >=300)**

**{**

**echo "<label><center> COMMENT =NEED TO IMPROVE</center></label>";**

**}**

**elseif($total >=250)**

**{**

**echo "<label><center> COMMENT =POOR</center></label>";**

**}**

**else**

**{**

**echo "<label><center> POOR</center></label>";**

**}**

**$sql1 = "insert into ave values($id,'$date',$total,$ave,$per)";**

**mysqli\_query($con, $sql1);**

**}**

**else{**

**echo "<label><center>STUDENT DETAILS ALREADY EXIST</center></label>";**

**?>**

**<a href="student.htm" style="text-align:center">ENTER THE STUDENT DETAILS AGAIN</a>**

**<?php**

**}**

**}**

**else{**

**echo "<h1><center> something went wrong </center></h1>";**

**}**

**?>**

**<table style="font-family:fantasy;color:yellow;width:50%">**

**<tr>**

**<th>RANK</th>**

**<th>STUDENT ID</th>**

**<th>STUDENT NAME</th>**

**<th>DATE\_OF\_BIRTH</th>**

**<th>LANGUAGE</th>**

**<th>ENGLISH</th>**

**<th>MATHEMATICS</th>**

**<th>SCIENCE</th>**

**<th>SOCIAL</th>**

**<th>TOTAL</th>**

**<th>AVERAGE</th>**

**<th>PERCENTAGE %</th>**

**</tr>**

**<?php**

**$sql2="select RANK() over(order by total desc) as RANK,student.id as ID,student.name AS NAME,student.date AS DATE\_OF\_BIRTH,student.lang AS LANGUAGE,student.eng As ENGLISH,student.mat as MATHS,student.sci as SCIENCE,student.soc as SOCIAL,ave.TOTAL as TOTAL,ave.AVERAGE as AVERAGE,ave.PERCENTAGE as PERCENTAGE from student inner join ave on student.id=ave.id and ave.dob=student.date;";**

**$resul = mysqli\_query($con, $sql2);**

**$row = mysqli\_num\_rows($resul);**

**while($rows = mysqli\_fetch\_array($resul))**

**{**

**?>**

**<tr>**

**<td><?php echo $rows['RANK'];?></td>**

**<td><?php echo $rows['ID'];?></td>**

**<td><?php echo $rows['NAME'];?></td>**

**<td><?php echo $rows['DATE\_OF\_BIRTH'];?></td>**

**<td><?php echo $rows['LANGUAGE'];?></td>**

**<td><?php echo $rows['ENGLISH'];?></td>**

**<td><?php echo $rows['MATHS'];?></td>**

**<td><?php echo $rows['SCIENCE'];?></td>**

**<td><?php echo $rows['SOCIAL'];?></td>**

**<td><?php echo $rows['TOTAL'];?></td>**

**<td><?php echo $rows['AVERAGE'];?></td>**

**<td><?php echo $rows['PERCENTAGE'];?></td>**

**</tr>**

**<?php**

**}**

**?>**

**</table>**

</body>

</html>





STUDENT RESULTS PAGE:

<html>

<style>

label2{

color: white;

font-family:Stencil Std, fantasy;

font-size:50px;

padding: 8px;

border: 3px;

}

table, th, td {

border: 5px solid chartreuse;

border-collapse: collapse;

}

table{

position:absolute;

top:200px;

left:290px;

}

th, td {

padding: 5px;

text-align: left;

}

label1{

color: white;

font-family:Stencil Std, fantasy;

font-size:50px;

padding: 8px;

border: 3px;

}

label{

color: chartreuse;

font-family:Tahoma, sans-serif;

font-size:50px;

position:absolute;

top:500px;

left:500px;

}

</style>

<body background="image/drew-beamer-Lhgt4JjW-hs-unsplash.jpg">

<?php

**$con = mysqli\_connect('localhost','root','','clg');**

**$link1="tamil.htm";**

**$username = $\_GET['uname'];**

**$password = $\_GET['psw'];**

**if(isset($\_GET['psw']))**

**{**

**$sql = "select \*from slogin where ID = $username and DOB = '$password'";**

**$result = mysqli\_query($con, $sql);**

**$count = mysqli\_num\_rows($result);**

**if($count==1)**

**{**

**echo"<label1><center>login successfully</center></label1>";**

**$sql2="select RANK() over(order by total desc) as RANK,student.id as ID,student.name AS NAME,student.date AS DATE\_OF\_BIRTH,student.lang AS LANGUAGE,student.eng As ENGLISH,student.mat as MATHS,student.sci as SCIENCE,student.soc as SOCIAL,ave.TOTAL as TOTAL,ave.AVERAGE as AVERAGE,ave.PERCENTAGE as PERCENTAGE from student inner join ave on student.id=ave.id and ave.dob=student.date where student.id = $username;";**

**$resul = mysqli\_query($con, $sql2);**

**$rows = mysqli\_fetch\_array($resul)**

**?>**

**<table style="font-family:fantasy;color:yellow;width:50%">**

**<tr>**

**<th>RANK</th>**

**<th>STUDENT ID</th>**

**<th>STUDENT NAME</th>**

**<th>DATE\_OF\_BIRTH</th>**

**<th>LANGUAGE</th>**

**<th>ENGLISH</th>**

**<th>MATHEMATICS</th>**

**<th>SCIENCE</th>**

**<th>SOCIAL</th>**

**<th>TOTAL</th>**

**<th>AVERAGE</th>**

**<th>PERCENTAGE %</th>**

**</tr>**

**<tr>**

**<td><?php echo $rows['RANK'];?></td>**

**<td><?php echo $rows['ID'];?></td>**

**<td><?php echo $rows['NAME'];?></td>**

**<td><?php echo $rows['DATE\_OF\_BIRTH'];?></td>**

**<td><?php echo $rows['LANGUAGE'];?></td>**

**<td><?php echo $rows['ENGLISH'];?></td>**

**<td><?php echo $rows['MATHS'];?></td>**

**<td><?php echo $rows['SCIENCE'];?></td>**

**<td><?php echo $rows['SOCIAL'];?></td>**

**<td><?php echo $rows['TOTAL'];?></td>**

**<td><?php echo $rows['AVERAGE'];?></td>**

**<td><?php echo $rows['PERCENTAGE'];?></td>**

**</tr>**

**<?php**

**if($rows['TOTAL'] >= 450)**

**{**

**echo "<label><center> COMMENT =VERY GOOD</center></label>";**

**}**

**elseif($rows['TOTAL'] >=350)**

**{**

**echo "<label><center> COMMENT =CAN DO BETTER</center></label>";**

**}**

**elseif($rows['TOTAL']>=400)**

**{**

**echo "<label><center> COMMENT = GOOD</center></label>";**

**}**

**elseif($rows['TOTAL']>=300)**

**{**

**echo "<label><center> COMMENT =NEED TO IMPROVE</center></label>";**

**}**

**elseif($rows['TOTAL']>=250)**

**{**

**echo "<label><center> COMMENT =POOR</center></label>";**

**}**

**else**

**{**

**echo "<label><center> POOR</center></label>";**

**}**

**?>**

**<?php**

**}**

**else**

**{**

**echo"<label1><center>login invalid</center></label1>";**

**echo"<label1><center>TRY AGAIN</center></label1>";**

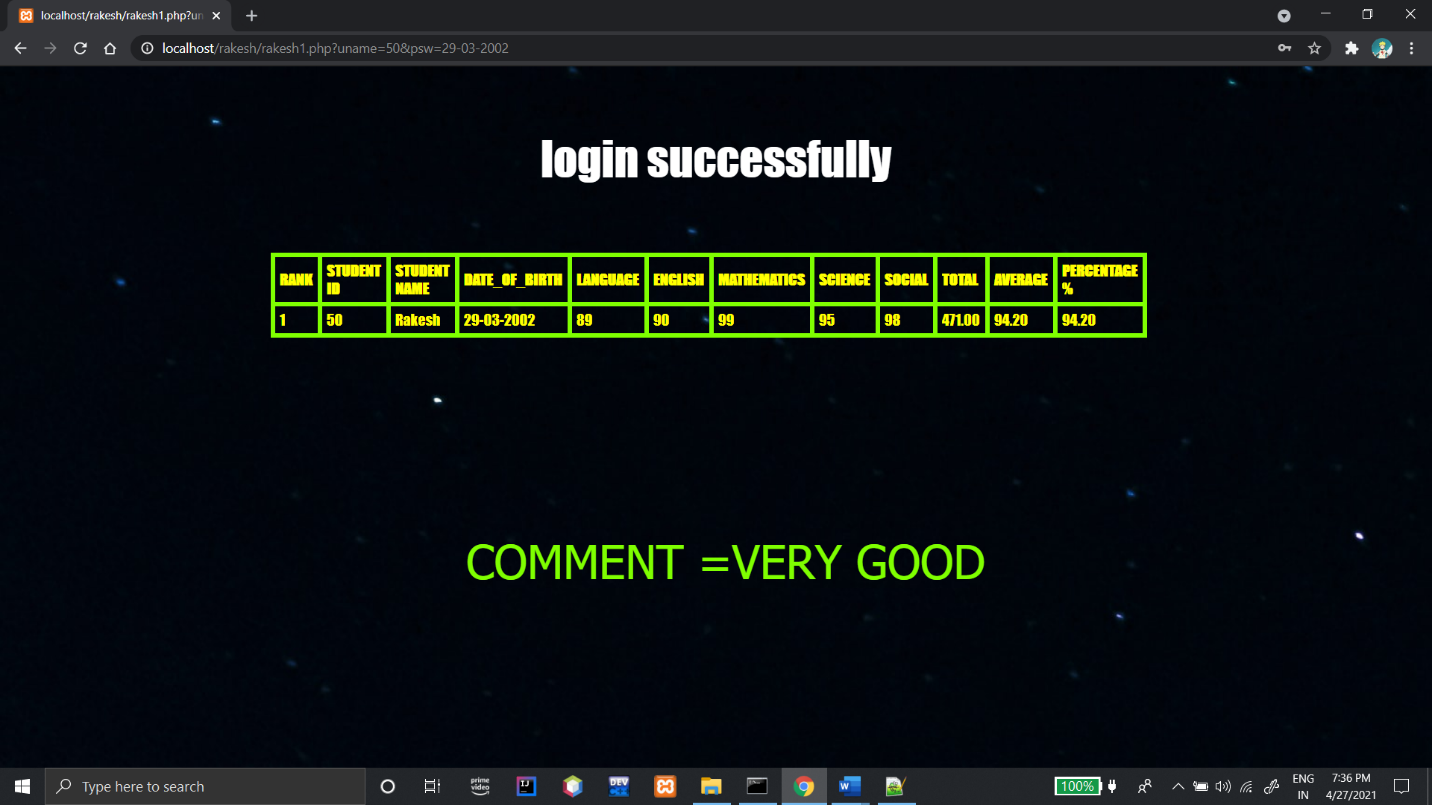
**}**

**}**

**?>**

</body>

</html>



**THANKYOU**