Major Project Report

On

"Online Student Management"

Submitted in Partial Fulfillment For The Award Of Diploma Of Engineering
In
Computer Science Engineering (2020-21)

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CERTIFICATE

This Certify That the Project Report Entitled as **"ONLINE STUDENT MANAGEMENT"** which has been completed of submitted by- Punam Sharma in partial fulfillment of the requirement for the award of the diploma engineering in computer science for the session 2020-21 is a benefited work by them and has been completed under my guidance and supervision. It has not been submitted else were.

For any other degree.

Mr. Raju Singh Paraste   **Mr. Utkarsh Agrawal**   **Mr. Mahendra Gupta**
                                                        (H.O.D)   **(Submitted To)**

ONLINE STUDENT MANAGEMNENT

DECLARATION

We hereby declare that the work which is being presented in the project report entitled
"ONLINE STUDENT MANAGMENT" in partial.

Fulfilment of the requirement of the **"Diploma in Computer Science"** branch is authentic record of our work carried out the guidance of **"Mr. Mahendra Gupta(lecturer)".**The work has been carried out at **Govt. Polytechnic College Anuppur(M.P).**

PROJECT ASSOCIATES:-

AKNOWLEDGEMENT

A project this like one involves many people and in would complete without the mention of all those people whose guidance and encouragement helped in the successful completion of this project.

Our heartily thanks our faculty member of **Department of Computer Science Govt. Polytechnic College Anuppur** for their efforts towords our project.

We would like to thanks our project in charge **Mr. Mahendra Gupta** who has been great source of inspriration for us and without whose humble guidance of project was never to shape.

We are also indebted to our guide **Mr. Mahendera Gupta** for the Encouragement Guidance and Support.

We are also thankful to all many people whose timely help out paucity of space is restricting us from their name. And finally, we also thanks to all my college who were constant support during the whole project.

PROJECT MEMBER:-

- **PUNAM SHARMA**

Table Of Contents

Title- Student Management

Introduction

The student management system is an environment where all the process of the student in the institution is managed. It is done through the automated computerized method. Conventionally this system is done using papers, files, and binders.

This system saves the time of the student and of the administrator. It includes processes like registration of the student's details, assigning the department based on their course, and maintenance of the record. This system reduces the cost and workforce required for this job. As the system is online the information is globally present to everyone.

This makes the system easy to handle and feasible for finding the omission with updating at the same time. As for the existing system, they use to maintain their record manually which makes it vulnerable to security. If filed a query to search or update in a manual system, it will take a lot of time to process the query and make a report which is a tedious job.
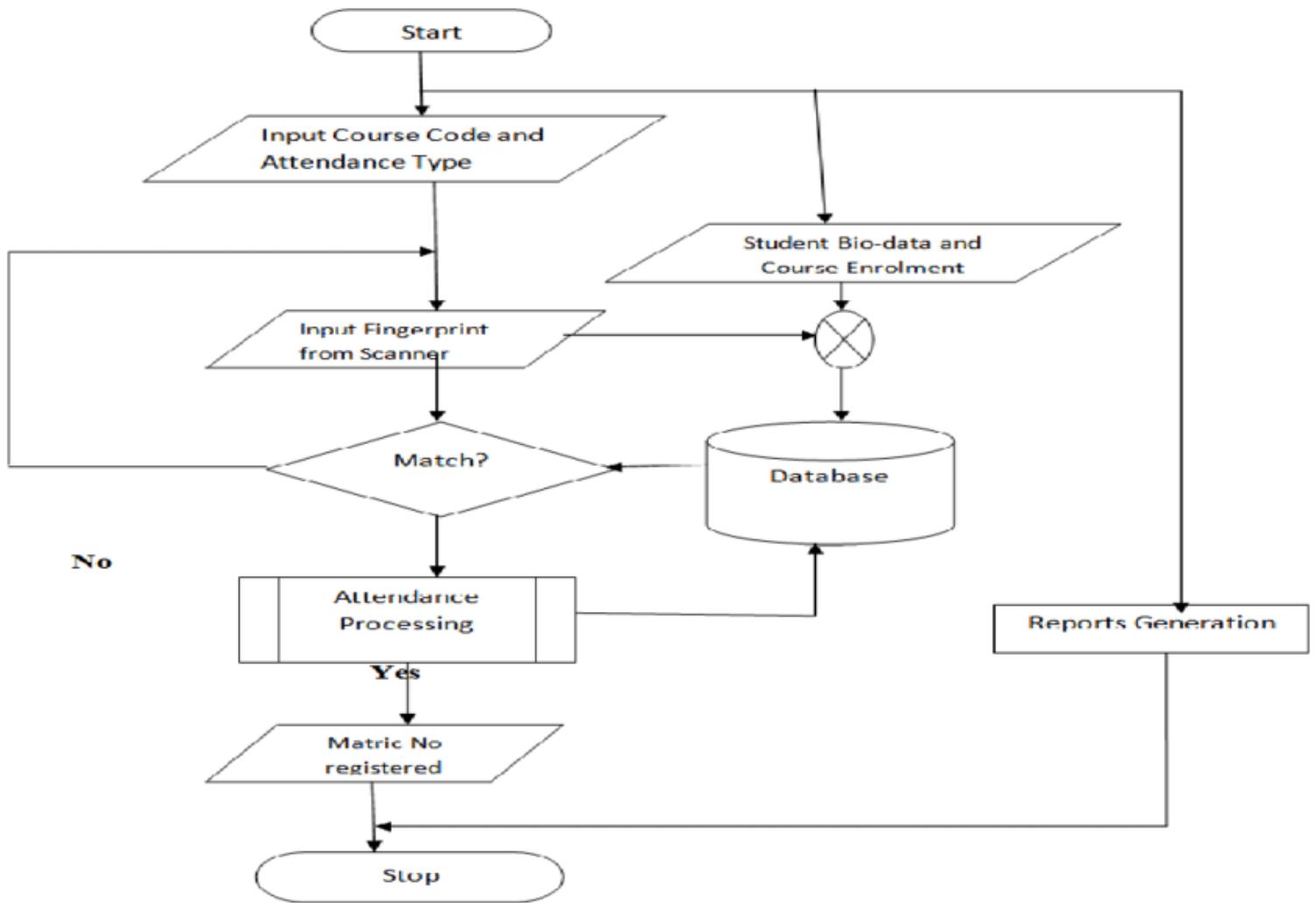
As the system used in the institute is outdated as it requires paper, files, and binders, which will require the human workforce to maintain them. To get registered in the institute, a student in this system should come to the university. Get the forms from the counter while standing in the queue which consumes a lot of the student's time as well as of the management team.
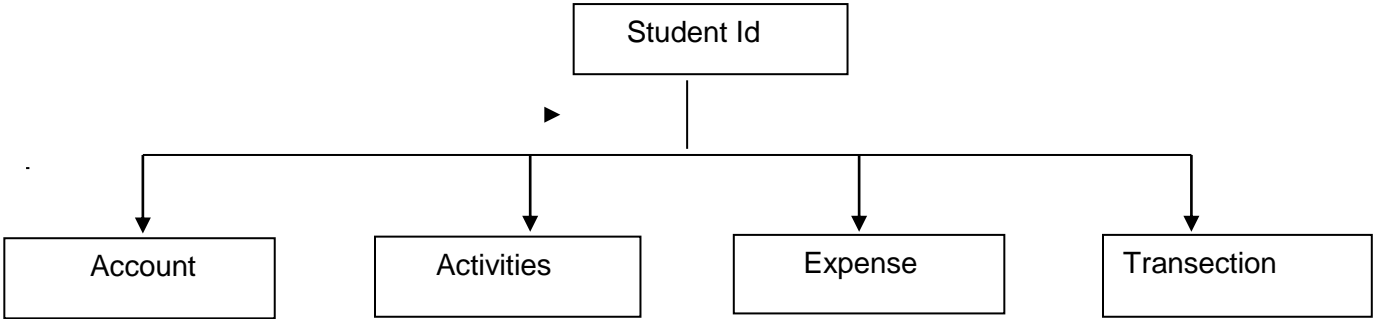
Objective-

The main objective of the Student Management System is **to manage the details of Profiles, Cources, Logins,**. It manages all the information about Profiles, Student, Profiles.
The project is totally built at administrative end and thus only the administrator is guaranteed the Access.

process flow chart(user)

```
                              Start

        Input Course Code and
          Attendance Type
                                              Student Bio-data and
                                                Course Enrolment

        Input Fingerprint
          from Scanner                            ⊗

                                            Database
                Match?

No

          Attendance                              Reports Generation
          Processing

      Yes

        Matric No
        registered

                  Stop
```

PROCESS FLOW CHART(ADMINISTRATION)

```
                          ┌─────────────────┐
                          │   Student Id    │
                          └────────┬────────┘
         ►                         │
   ┌──────────┬──────────────┬──────────────┬──────────────┐
   ▼          ▼              ▼              ▼
┌─────────┐ ┌──────────┐ ┌──────────┐ ┌──────────────┐
│ Account │ │Activities│ │ Expense  │ │ Transection  │
└─────────┘ └──────────┘ └──────────┘ └──────────────┘
```

software requirement

LANGUAGE	:	PHP, HTML, CSS, JS
DATABASE	:	MariyaDB
WEB SERVER	:	APACHE/2.4.29
BROWER	:	Chorme
SERVER	:	Apache HTTP Server
SOFTWARE	:	Xampp-windows-x64-7.3.8-2t

Need of the project

 The goal of system design is to transform the information collected about the project into the blueprint structure which will serve as a base while constructing the system. It is considered to be an unwieldy process as most of the errors are introduced in this phase.

However, if an error gets unnoticed in the later process it may become difficult to track them down. In our system, we are developing a system that helps in student management by the institution. It will minimize the problems faced by both students and the institutes for the duration.

Advantage

1. Improves The General Performance Of Students:

For students to come out with good grades, the focus is highly needed. With this school administration software, students are able to use their precious time for relevant things which is studying rather than keep track of their records to make sure things are intact. Moreover, fear of losing important records to manual management is completely off the line with the help of this software.

2. Can Be Accessed By All Parties Involved:

Gone are the days when parents know little to nothing about what their child or ward does at school. This open source school management system has made it possible for parents to have access to their children's school activities, assignments, attendance, and other relevant information just by using the software.

3. Efficient Management And Organization of Timetables:

The management of a school timetable is the work of the admin department of a school. Despite being dedicated to a department, it never correlates. With this software, the reverse is the case. This student administration software is able to organize school timetables in such a way that they won't be a clash of lectures. In addition to that, students, teachers, and parents have access to it.

4. Helps To Keep Track Of All Students:

School activity goes beyond the wall of the classrooms. There are other activities like sports, interaction, and other extracurricular activities and all these needs proper documentation. This management software has features that see to that and make sure the record of each student is intact.

5. Reduction Of Human Labour, Papers and Workload:

The cost incurred from employing staff to manage the activities of a school is an additional cost that shouldn't be if you decide to make use of this new technology. With this student management

system, your number of staffs, excessive buying of writing materials will be minimal and functionality will improve.

6. Provide A Means To Advice Students:

The student management system has an advising module that helps facilitate student advising process. This is most effective when a particular student is having a draw down academically and advice is to be given by teachers.

7. Helps Build A Strong Alumni:
There is more to life than the walls of the school. This same software has the ability to build an alumni network to help other students with job referrals. All this is made possible with the help of this software.

8. Improves The General Comfort Of Staffs:

Work comfort is another factor that determines the performance of staff and this student management system have successfully put that in place. Teachers are able to manage their students in a smart way.

DATABASE

❖ *Database name "db" & its all tables:*
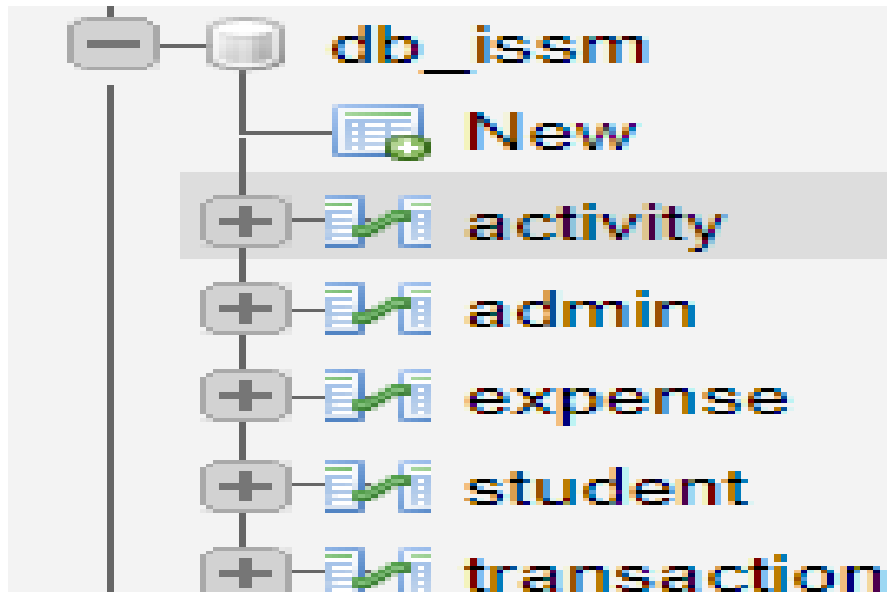
❖ *Structure of "Activity" table :*

❖ Structure of "Admin" table :

Server: 127.0.0.1 » Database: db_issm » Table: admin

| Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Triggers |

✔ Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

SELECT * FROM `admin`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ | Filter rows: Search this table

+ Options

←T→			▾	admin_id	username	password	name
☐	🖉 Edit	🏿 Copy	⊖ Delete	1911104027	punam	punam	PUNAM

↑ ☐ Check all   With selected: 🖉 Edit   🏿 Copy   ⊖ Delete   📄 Export

☐ Show all | Number of rows: 25 ▾ | Filter rows: Search this table

Query results operations

🖨 Print   🏿 Copy to clipboard   📄 Export   📊 Display chart   📷 Create view

Structure of "Expense" table :

✔ Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

SELECT * FROM `expense`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾   Filter rows: Search this table   Sort by key: None ▾

+ Options

				expense_id	detail	price	ay	sem	deadline
☐	🖊 Edit	⧉ Copy	⛔ Delete	2	T-Shirt	300	2016-2017	2nd	2017-03-07
☐	🖊 Edit	⧉ Copy	⛔ Delete	3	Equipment	350	2017-2018	1st	2017-08-30

↑ ☐ Check all   With selected: 🖊 Edit   ⧉ Copy   ⛔ Delete   🖥 Export

☐ Show all | Number of rows: 25 ▾   Filter rows: Search this table   Sort by key: None ▾

Query results operations

🖨 Print   ⧉ Copy to clipboard   🖥 Export   📊 Display chart   📋 Create view

Structure of "Student" table :

Table structure   Relation view

	#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action			
☐	1	id 🔑	int(11)			No	None		AUTO_INCREMENT	🖊 Change	⛔ Drop	▾ More	
☐	2	student_id	int(11)			No	None			🖊 Change	⛔ Drop	▾ More	
☐	3	firstname	varchar(40)	latin1_swedish_ci		No	None			🖊 Change	⛔ Drop	▾ More	
☐	4	middlename	varchar(40)	latin1_swedish_ci		No	None			🖊 Change	⛔ Drop	▾ More	
☐	5	lastname	varchar(30)	latin1_swedish_ci		No	None			🖊 Change	⛔ Drop	▾ More	
☐	6	year	varchar(2)	latin1_swedish_ci		No	None			🖊 Change	⛔ Drop	▾ More	
☐	7	section	varchar(1)	latin1_swedish_ci		No	None			🖊 Change	⛔ Drop	▾ More	
☐	8	photo	varchar(255)	latin1_swedish_ci		No	None			🖊 Change	⛔ Drop	▾ More	

↑ ☐ Check all   With selected: 🗔 Browse   🖊 Change   ⛔ Drop   🔑 Primary   🅤 Unique   📇 Index   🅂 Spatial   🅃 Fulltext

❖ *Structure of "Transection" table :*

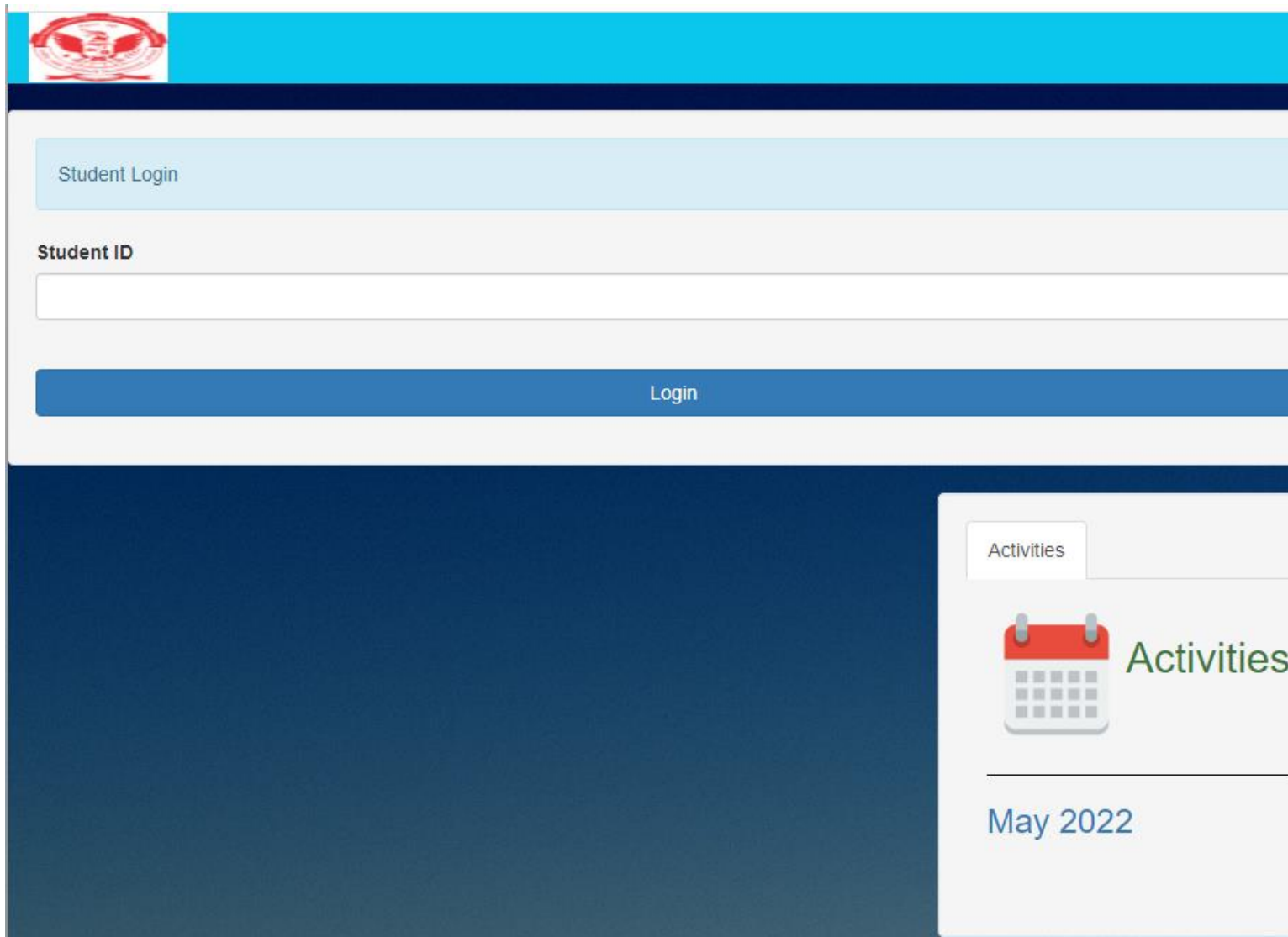Server: 127.0.0.1 » Database: db_issm » Table: student

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Triggers

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id 🔑	int(11)			No	None		AUTO_INCREMENT	🖉 Change ⊖ Drop ▼ More
2	student_id	int(11)			No	None			🖉 Change ⊖ Drop ▼ More
3	firstname	varchar(40)	latin1_swedish_ci		No	None			🖉 Change ⊖ Drop ▼ More
4	middlename	varchar(40)	latin1_swedish_ci		No	None			🖉 Change ⊖ Drop ▼ More
5	lastname	varchar(30)	latin1_swedish_ci		No	None			🖉 Change ⊖ Drop ▼ More
6	year	varchar(2)	latin1_swedish_ci		No	None			🖉 Change ⊖ Drop ▼ More
7	section	varchar(1)	latin1_swedish_ci		No	None			🖉 Change ⊖ Drop ▼ More
8	photo	varchar(255)	latin1_swedish_ci		No	None			🖉 Change ⊖ Drop ▼ More

↑ ☐ Check all   *With selected:*   Browse   Change   Drop   Primary   Unique   Index   Spatial   Fulltext

Login Page

STUDENT LOGIN PAGE-

A login page is a web page or an entry page to a website that requires user identification and authentication, regularly performed by entering a username and password combination.

ADMINISTRATOR -
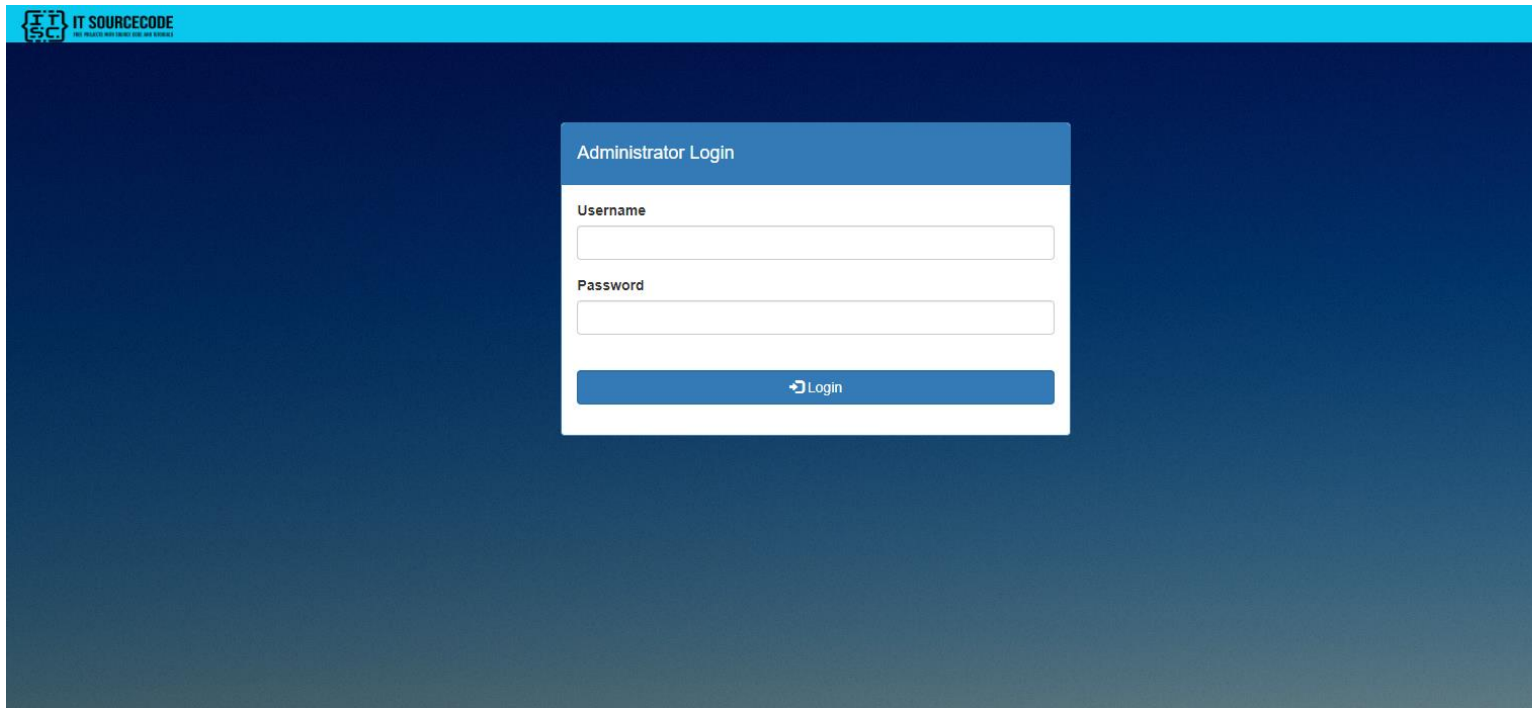
A registration form is a list of fields that a user will input data into and submit to username and password. There are many reasons why you would want a person to fill out a registration form. Companies use registration forms to sign up customers for subscriptions, services, or other programs or plans.

Here also we have use HTML,CSS coding we use buttons also.

Coding-

```php
<!DOCTYPE html>
<?php
    require_once 'session.php';
?>
<html lang = "eng">
    <head>
        <title>Information System Society Membership</title>
        <meta charset = "UTF-8" />
        <meta name = "viewport" content = "width=device-width, initial-scale=1" />
        <link rel = "stylesheet" type = "text/css" href = "../css/bootstrap.css" />
        <link rel = "stylesheet" type = "text/css" href = "../css/style.css" />
        <link rel = "stylesheet" type = "text/css" href = "../css/jquery-ui.css" />
        <link rel = "stylesheet" type = "text/css" href = "../css/jquery.dataTables.css" />
    </head>
<body>
<!------------------HEAD-------------------->
```

```php
<?php include'head.php';?>
<!------------------HEAD--------------------->
<!----------------SIDEBAR----------------->
<?php include 'sidebar.php';?>
<!----------------SIDEBAR----------------->

        <div id = "sidecontent" class = "well pull-right">
            <div class = "alert alert-info">Activities</div>
            <button type = "button" id = "add_activity" class = "btn btn-success"><span class =
"glyphicon glyphicon-plus"></span> Add Activity</button>
            <button style = "display:none;" type = "button" id = "cancel_activity" class = "btn btn-
warning"><span class = "glyphicon glyphicon-hand-right"></span> Cancel</button>
            <br />
            <br />
            <div id = "act_table" class = "panel panel-default">
                <div  class = " panel-heading">
                    <table id = "table" class = "table table-bordered">
                        <thead>
                            <tr>
                                <th>Title</th>
                                <th>Description</th>
                                <th>Start</th>
                                <th>End</th>
                                <th>Action</th>
                            </tr>
                        </thead>
                        <tbody>
                            <?php
                            $act_query = $conn->query("SELECT * FROM `activity`") or
die(mysqli_error());
                            while($act_fetch = $act_query->fetch_array()){
                            ?>
                            <tr>
                                <td><?php echo $act_fetch['title']?></td>
                                <td><?php echo $act_fetch['description']?></td>
                                <td><?php echo "<label class = 'text-info'>".date("M d, Y",
strtotime($act_fetch['start']))."</label>"?></td>
                                <td><?php echo "<label class = 'text-info'>".date("M d, Y",
strtotime($act_fetch['end']))."</label>"?></td>
                                <td><center><a href = "edit_activity.php?activity_id=<?php echo
$act_fetch['activity_id']?>" class = "btn btn-warning"><span class=  "glyphicon glyphicon-
edit"></span> Update</a> <a href = "#" data-toggle = "modal" data-target = "#delete_activity" name =
"<?php echo $act_fetch['activity_id']?>" class = "btn btn-danger activity_id"><span class=  "glyphicon
glyphicon-trash"></span> Delete</a></center></td>
                            </tr>
                            <?php
                                }
                            ?>
                        </tbody>
                    </table>
                </div>
```

```html
            </div>
            <div class = "modal fade" id = "delete_activity" tabindex = "-1" role = "dialog" aria-
labelledby = "myModallabel">
                <div class = "modal-dialog" role = "document">
                    <div class = "modal-content ">
                        <div class = "modal-body">
                            <center><label class = "text-danger">Are you sure you want to delete this
record?</label></center>
                            <br />
                            <center><a class = "btn btn-danger delete_activity" ><span class =
"glyphicon glyphicon-trash"></span> Yes</a> <button type = "button" class = "btn btn-warning" data-
dismiss = "modal" aria-label = "No"><span class = "glyphicon glyphicon-remove"></span>
No</button></center>
                        </div>
                    </div>
                </div>
            </div>
            <div id = "act_form" style = "display:none;" class = "panel panel-default">
                <div  class = " panel-heading" >
                    <div class = "alert alert-success">Activity/Add new</div>
                    <div style = "width:40%; margin-left:32%;">
                        <form method = "POST" action = "add_activity.php">
                            <div class = "form-group">
                                <label>Title</label>
                                <input type = "text" class = "form-control" name = "title" required =
"required"/>
                            </div>
                            <div class = "form-group">
                                <label>Description</label>
                                <textarea name = "description" style = "height:100px; resize:none;"
class = "form-control" required = "required"></textarea>
                            </div>
                            <div class = "form-inline">
                                <label>Start</label>
                                <input type = "date" style = "width:41%;" class = "form-control"  name
= "start" required = "required"/>
                                <label>End</label>
                                <input type = "date" style = "width:41%;" class = "form-control"  name
= "end" required = "required"/>
                            </div>
                            <br />
                            <div class = "form-group">
                                <button class = "btn btn-primary form-control" name =
"save_activity"><span class = "glyphicon glyphicon-save"></span> Save</button>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        <br /><br /><br />
        </div>
```

```html
        <br />
        <br />
        <br />
        <br />
        <br />
        <br />
        <br />
        <br />
        <br />
        <br />


</body>
<script src = "../js/jquery-3.1.1.js"></script>
<script src = "../js/bootstrap.js"></script>
<script src = "../js/jquery.dataTables.min.js"></script>
<script type = "text/javascript">
    $(document).ready(function(){
        $('#table').DataTable();
    })
</script>
<script type = "text/javascript">
    $(document).ready(function(){
        $('.activity_id').on('click', function(){
            $activity_id = $(this).attr('name');
            $('.delete_activity').on('click', function(){
                window.location = 'delete_activity.php?activity_id=' + $activity_id;
            });
        })
    });
</script>
<script src = "../js/sidebar.js"></script>
<script src = "../js/script.js"></script>
</html>
```

Add activity

```php
?php
    require_once '../connect.php';
    if(ISSET($_POST['save_activity'])){
        $title = $_POST['title'];
        $description = $_POST['description'];
        $start = $_POST['start'];
        $end = $_POST['end'];
        $month = date("M", strtotime($_POST['start']));
        $year = date("Y", strtotime($_POST['start']));
        $conn->query("INSERT INTO `activity` VALUES('', '$title', '$description', '$start', '$end',
'$month', '$year')") or die(mysqli_error());
        header('location: activity.php');
    }
?>
```

Admin query

```php
<?php
    require_once '../connect.php';
    if(ISSET($_POST['update_admin'])){
        $username = $_POST['username'];
        $password = $_POST['password'];
        $name = $_POST['name'];
        $q_admin = $conn->query("SELECT * FROM `admin` WHERE `username` = '$username'") or
die(mysqli_error());
        $v_admin = $q_admin->num_rows;
        if($v_admin > 0){
            echo '<script>alert("Username already taken");</script>';
            echo '<script>window.location = "edit_admin.php?admin_id="
+'.$_REQUEST['admin_id'].'</script>';
        }else{
            $conn->query("UPDATE `admin` SET `username` = '$username', `password` = '$password',
`name` = '$name' WHERE `admin_id` = '$_REQUEST[admin_id]'") or die(mysqli_error());
            header('location:admin.php');
        }
    }
?>
```

Summmry

The summary statement should be located below your name and contact information. In a few sentences (or bullet points), state some of your skills and accomplishments that make you an ideal fit for the job. Try to include keywords from the job listing.

Mention a strong GPA. Along with your school and degree information, include any achievements, such as a high GPA (3.5 or above) and any academic awards (Dean's List, scholarships, and other honors).

Emphasize your teamwork and leadership skills. Employers are always interested in job candidates who have demonstrated personal initiative in assuming leadership roles and who have proven themselves to be productive team members. Be sure to describe all leadership positions you have held within campus organizations or in academic team projects.

Emphasize all related experience. Even if you do not have much employment history, you can include volunteer experiences and any extracurriculars related to the job. You can put all these experiences in a section titled "Related Experience," or divide them into different sections.

CONCLUSION

Student management systems make faculty jobs more accessible by giving them an easy place to find and sort information. This system allows teachers and student managers to follow with their student engagement.

The idea is to create a scenario that makes the lives of administration and teachers easier. So try a bunch of different systems until you find the right one for you.