

STUDENT INFORMATION PORTAL

Submitted in partial fulfillment of the requirements for the

award of

Bachelor of Technology degree in

Information Technology

By

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DEPARTMENT OF INFORMATION TECHNOLOGY

SCHOOL OF COMPUTING

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited with Grade “A” by NAAC | 12B Status by UGC | Approved by AICTE

JEPPIAAR NAGAR, RAJIV GANDHI SALAI,

CHENNAI – 600119

MAY-2023



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www.sathyabama.ac.in

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **Mythili V (Reg.No - 39120072)** and **Iniyadharsini S (Reg.No - 39120040)** who carried out the Project Phase-2 entitled "**Student Information Portal**" under my supervision from January 2023 to May 2023.

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Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I, **Mythili V (Reg.No- 39120072)**, hereby declare that the Project Phase-2 Report entitled “**STUDENT INFORMATION PORTAL**” done by me under the guidance of **Dr. R. M. Gomathi, M.Tech., Ph.D.**, is submitted in partial fulfilment of the requirements for the award Bachelor of Technology degree in Information Technology.

DATE: 10.05.2023

PLACE: Chennai

A handwritten signature in dark ink, appearing to read 'V. Mythili', with a horizontal line under the last part of the name.

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T. Sasikala M.E., Ph. D, Dean**, School of Computing, **Dr. R. SUBHASHINI M.E., Ph.D.**, Head of the Department of Information Technology for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Dr. R. M. Gomathi M.Tech., Ph.D.**, for her valuable guidance, suggestions, and constant encouragement paved way for the successful completion of my phase-2 project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Information Technology** who were helpful in many ways for the completion of the project.

ABSTARCT

Student information portal manages all the details about the student details, events, and grade etc. It allows the administrator to edit and find out the personal details of the student and allows the student to keep up to date his profile. It will also help facilitate keeping all the records of the student in the fingertips. It allows the students to add what events they have participated in or organised, and the staff can see the details about the event. Facilitate keeping all the records of the student such as register id, name, address, mail id, phone number, marks. So, all information about a student will be available in a few seconds.it will make student information portal an easier job for administrator and student. Students can use it to calculate their CGPA. It is very useful and is intended to help any organization to maintain and manage its student personal data.

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CHAPTER 1

INTRODUCTION

1.1 AIM

The objective of the Student Information Portal is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date with his profile. It will also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So, all the information about a student will be available in a few seconds. Overall, it will make Student Information Management an easier job for the administrator and the student of any organization. The main purpose of this portal is to illustrate the requirements of the project Student information Portal and is intended to help any organization to maintain and manage its student's personal data.

1.2 SCOPE

Without a student information Portal, managing and maintaining the details of the student is a tedious job for any organization. Student Information Portal will store all the details of the students including their background information, educational qualifications, personal details, and all the information related to their resume.

CHAPTER 2

LITERATURE SURVEY

2.1 INFERENCES FROM LITERATURE SURVEY

The system provides guidance to the admin to keep track of each student. The admin has the access to the database of system. In an educational institute management is crucial thing. So, in order to reduce the efforts of staff we are introducing our system. The system comes on with much functionality like voting event details, feedback, news line etc. It provides an additional feature newline that helps the student to get department newlines and reports (achievements, toppers). It also provides the voting feature so that manual work is reduced. This system is paperless system. System provides functionality for student to application where in admin can manage, student can access uploaded notes, course details. Student will get the event details through student information portal. Overall manpower and reduces the time required.

2.2 OPEN PROBLEMS IN EXISTING SYSTEM

- i. Manual records have the possibility of getting missed or destroyed due to any accidents.
- ii. It is limited to physical controls
- iii. Security issues
- iv. Searching for records is not easy
- v. Time-consuming
- vi. Chances of error is maximum in manual method.
- vii. Difficult for administrator to maintain all the records.
- viii. If something is wrong, then the student must fill a new form again.

CHAPTER 3

REQUIREMENT ANALYSIS

3.1 FEASIBILITY STUDIES

Colleges and universities have a reputation of weaker data security, making them susceptible to data loss. The huge volume of student and staff data built into the system, along with high turnover and a collaborative multi-platform environment result in rampant data loss at institutions. Here are five top data risks and tips on how to protect education institutes against them.

3.1.1. *Malware*

Digital hackers are watching your every move and trick you to download malware and take control of your computer remotely. They use malware to attack computer networks to perpetrate crimes. Fraudsters use virus, malware, spyware, spams, and phishing to gain access to your sensitive personal information and commit financial crimes. Defend your data against malware through secure servers, whether physical or in cloud, and shield against vulnerabilities.

3.1.2. *Theft & Loss*

Unauthorized users without permissions who have access to sensitive data can cause harm to educational institutions as a result of theft. There is a risk of the sensitive academic data will be leaked by staff. It becomes easy to lose your storage media with backup data due to misplacement or theft. When you suffer data loss due to various incidents such as mechanical damage, power failure, software crash, disasters or loss of your laptops and mobile devices, it is another way of inadvertent data exposure. Keep all your data safe and secure using role-based access control to ensure confidentiality and privacy.

3.1.3. *Unsafe data*

If adequate safety precautions are not taken when files and documents are shared in website, smartphones and tablets via internet networks, the information contained on them might gain access to the devices and get exposed to risks. We can make use of cloud deployments to manage the education system better and better.

3.1.4. Negligence

When data is stored in computers or laptops, it has become so natural that people lose the information when files are accidentally deleted or even it could fall into the wrong hands. Ensure a proper backup strategy to keep your data on important devices and run them smoothly without hassles.

3.1.5. Third party APIs

Quite often, institutions tend to use their credentials for accessing 3rd party APIs. When you integrate third party application into the existing system, you could be exposing the institution and its data at risk. Institutions should integrate the right third-party API with their system and enjoy the best quality of service critical to the operations of the institution.

Educational institutions should start addressing the five pain points with a powerful school management system to mitigate the problems of data security. Cloud-based services can make a tremendous difference to the institute. Provide role-based secure data access, take automatic data backups, and save millions of dollars for the institute.

3.2 SOFTWARE REQUIREMENTS SPECIFICATION DOCUMENT

- i. Operating System: Windows 2000 Professional
- ii. Environment: Visual Studio .NET 2002
- iii. Framework: Version 1.0
- iv. Front end: HTML, CSS, JavaScript
- v. Back end: MySQL
- vi. Server-side scripting: PHP

3.3 SYSTEM USE CASE

- A student information portal is a web-based application that allows students to access important information related to their academic progress, student detail's, academic schedules, and other administrative details. Here are some

possible use cases for a student information portal:

- Viewing academic progress: Students can log in to the portal to view their details, grades, GPA, and other academic information.
- Viewing student event: upload details of the event in which they participated or conducted. So that staff can view the details of the event.
- Viewing academic Events and meeting: They can also see their class schedule and upcoming meetings, department event details.
- Viewing Time table: They can also see their class schedule or available courses for current semester.
- Communicating with faculty and staff: The portal can allow students to send messages to faculty and staff, schedule appointments.
- Updating personal information: Students can use the portal to update their personal information such as their contact information, emergency contacts, and mailing address.
- Overall, a student information portal can be a valuable tool for students to manage their academic progress and administrative tasks in a convenient and efficient manner.

CHAPTER 4

DESCRIPTION OF PROPOSED SYSTEM

4.1 SELECTED METHODOLOGY

A Student information portal is also known as a Student Information System. These systems work to coordinate scheduling and communications between faculty regarding students. This system exists to simplify information tracking for student details.

4.2 ARCHITECTURE FOR STUDENT INFORMATION PORTAL

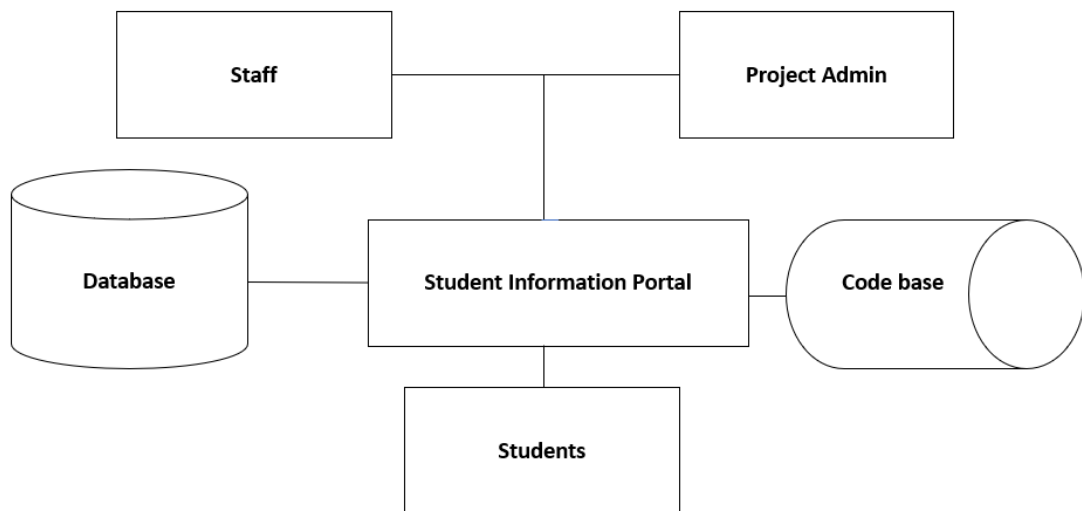


Fig. 4.1 Model diagram for Student information portal

4.3 DESCRIPTION OF SOFTWARE FOR IMPLEMENTATION AND TESTING PLAN OF THE PROPOSED SYSTEM

Software design usually involves problem solving and planning a software solution. This includes both a low-level component and algorithm design and a high-level, architecture design. Some of the design steps of the information system include:

1. Structure a database table to hold students' information with an accompanying form to capture (input) student data.
2. Design a form to enable registering of courses (processing) by students, storing information in a database table.

3. Design a login form based on students' information already in the database table.
4. Design an efficient report generator to output student registration forms, and academic results whenever necessary.

4.4 PROJECT MANAGEMENT PLAN

- Student information portal is web-based system is the process of managing student's record in an institutional organization.
- It is done through the online method which traditionally, was prepared using papers and manual ledgers. It preserves student's and administrator's resources.
- Talking more about the project, the admin simply must fill up fields such as course id, name, and course credit for adding up course details, whereas he/she has to enter department id and name in order to add departments. Besides, the admin can create new admin users and change the password.
- The project only contains an Admin Panel. In an overview of this web app, the admin has access to add and manage students as well as their department, and course.
- Talking more about the project, the admin simply must fill up fields such as course id, name, and course credit for adding up course details, whereas he/she must enter department id and name in order to add departments. Besides, the admin can create new admin users and change the password.
- This student information management system project in PHP mainly on dealing with student's records with their respective departments and course. Also, the system displays all the available data such as the student's full name, roll number, contact information, semester, session, and department.
- Available Features: Admin Panel - Add, Update, View, and Remove Students, Manage Course and Departments User Management System, Change Password and CGPA calculator.
- Student Panel- view details, courses, change password, view CGPA

CHAPTER 5

RESULTS AND DISCUSSION

5.1 LOGIN MODULE

The website's home screen is the login module of the portal. One login section is for admin, and the other is for students. Each pupil has a unique username and password. They can generate new passwords if they forget the password. The website contains each student personal data so it is authenticated. The website redirects to the dashboard after a good verification.

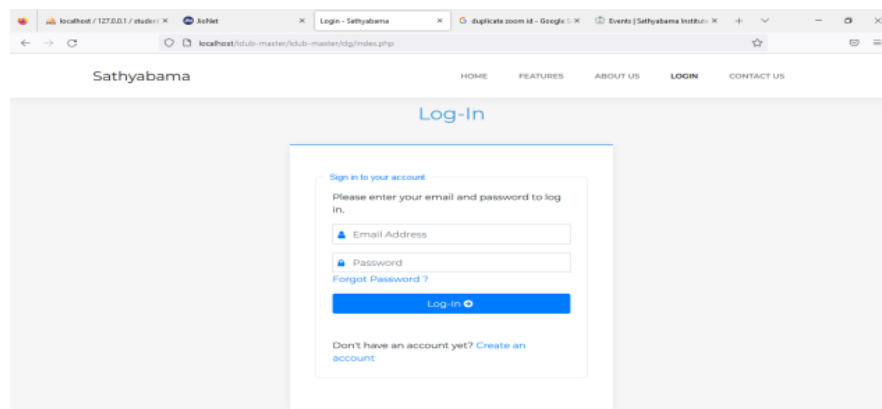


Fig. 5.1. Login Page

5.2 DASHBOARD OF STUDENT MODULE

Students who use their credentials to check in will see the dashboard in Fig.3 below. It displays the various components. Additionally, there are some sections in the left side navigation bar. The components are laid out in a row like cards.

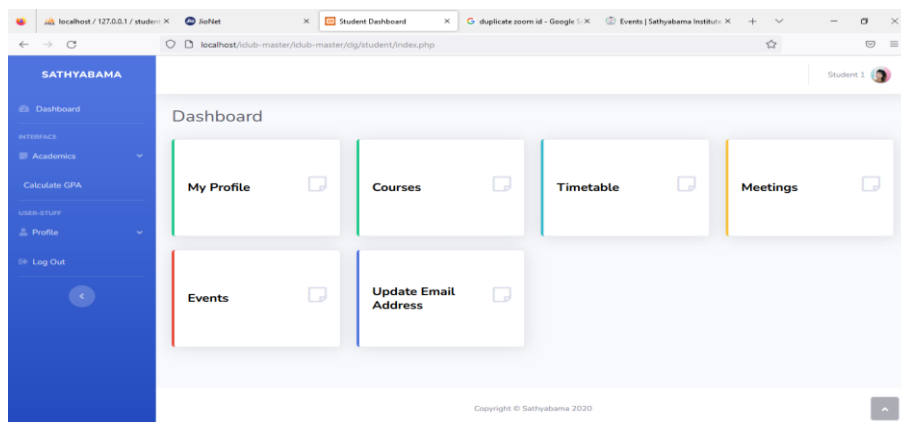


Fig 5.2. Dashboard

5.3 PROFILE MODULE

Students can examine their personal information in the profile module. Name, Registration number, Email address, roll number, Mobile number, Parents number, Address, Blood group, and day scholar /hosteler are all included. This is very helpful for the staff to gather the student data whenever necessary.

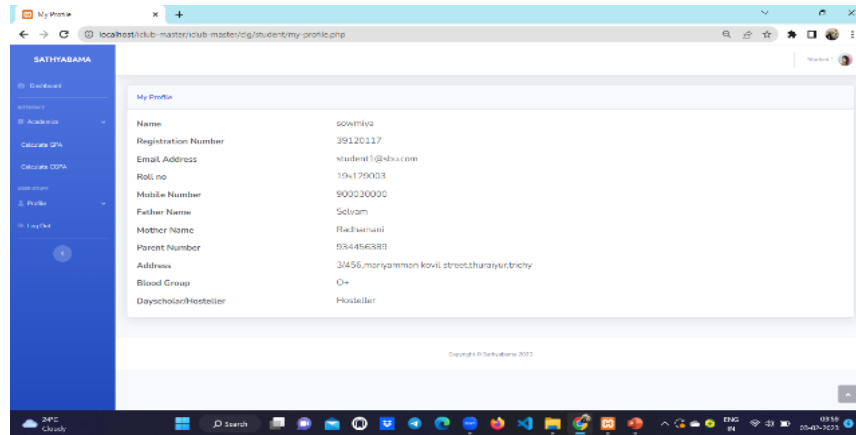


Fig 5.3. My Profile Module Page

5.4 COURSE MODULE

The meeting time and link for the online classes are included in this module. The date, course name, meeting host, meeting hour, meeting platform, meeting id, and password are all contained in this. Students can open the course module and view the meeting details. The admin will update the course module. Student can't edit the course module.

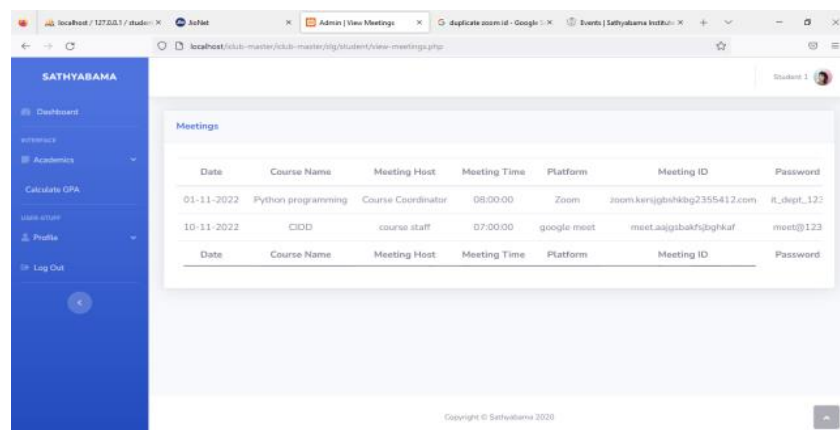
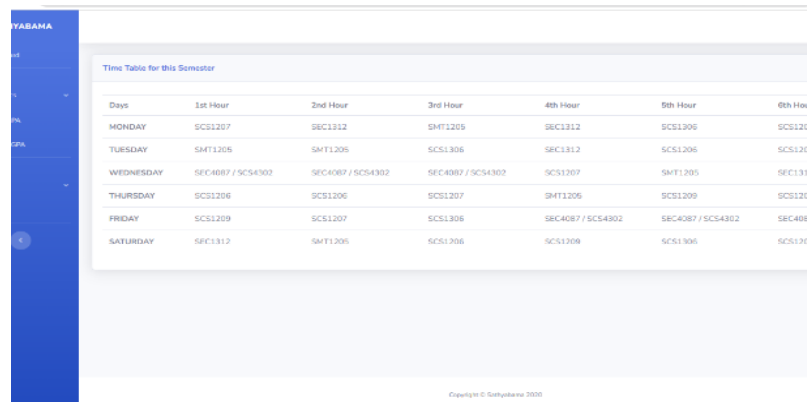


Fig.5.4 Course Module Page

5.5 TIMETABLE MODULE

This module comes under academic's module. It contains the current semester timetable. It will be updated by the admin. If any changes need be done, only admin has the authority to update them. It is very helpful for both staff and student.



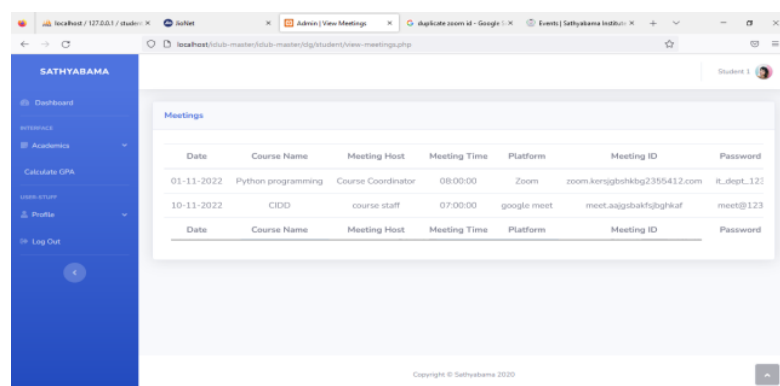
The screenshot shows a web interface for a timetable. On the left is a blue sidebar with the text 'SATHYABAMA' at the top and some navigation links. The main content area is titled 'Time Table for this Semester'. It contains a table with 7 columns: Days, 1st Hour, 2nd Hour, 3rd Hour, 4th Hour, 5th Hour, and 6th Hour. The rows represent the days of the week from Monday to Saturday. Each cell in the table contains a course code. For example, on Monday, the 1st hour is SCS1207, 2nd hour is SEC1312, 3rd hour is SMT1205, 4th hour is SEC1312, 5th hour is SCS1306, and 6th hour is SCS1209. The table is repeated for each day of the week. At the bottom right of the page, there is a small copyright notice: 'Copyright © Sathyabama 2020'.

Days	1st Hour	2nd Hour	3rd Hour	4th Hour	5th Hour	6th Hour
MONDAY	SCS1207	SEC1312	SMT1205	SEC1312	SCS1306	SCS1209
TUESDAY	SMT1205	SMT1205	SCS1306	SEC1312	SCS1206	SCS1206
WEDNESDAY	SEC4087 / SCS4302	SEC4087 / SCS4302	SEC4087 / SCS4302	SCS1207	SMT1205	SEC1312
THURSDAY	SCS1206	SCS1206	SCS1207	SMT1206	SCS1209	SCS1209
FRIDAY	SCS1209	SCS1207	SCS1306	SEC4087 / SCS4302	SEC4087 / SCS4302	SEC4087
SATURDAY	SMT1312	SMT1205	SCS1306	SCS1209	SCS1306	SCS1207

Fig.5.5 Timetable Page

5.6 MEETING MODULE

This module provides brief details regarding upcoming and ongoing meetings. This includes information about departmental and non-departmental meetings. Students can easily receive the meeting link and passcode from this page. It is very helpful for both student and staff. It displays like shown in below Fig.7 . Only admin have the authority the update this module.



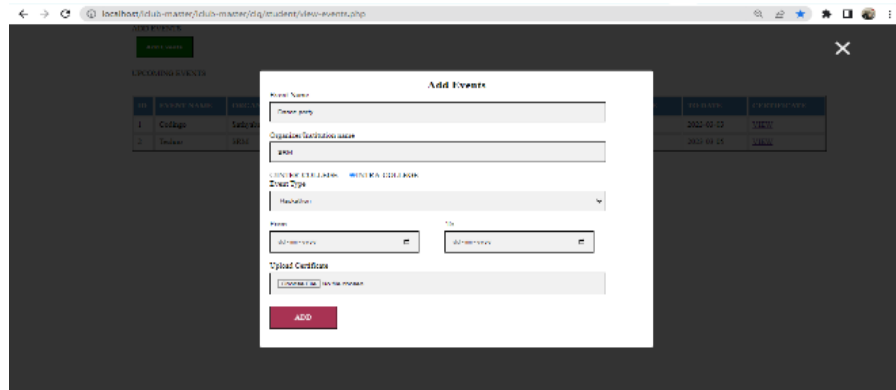
The screenshot shows a web interface for a meeting module. On the left is a blue sidebar with the text 'SATHYABAMA' at the top and some navigation links. The main content area is titled 'Meetings'. It contains a table with 7 columns: Date, Course Name, Meeting Host, Meeting Time, Platform, Meeting ID, and Password. The rows represent upcoming meetings. For example, the first row shows a meeting on 01-11-2022 for Python programming, hosted by Course Coordinator, at 08:00:00 on Zoom, with Meeting ID zoom.kenjjghkg2355412.com and Password it_dept_121. The second row shows a meeting on 10-11-2022 for CIDD, hosted by course staff, at 07:00:00 on google meet, with Meeting ID meet.aagbafghghkaf and Password meet@123. At the bottom right of the page, there is a small copyright notice: 'Copyright © Sathyabama 2020'.

Date	Course Name	Meeting Host	Meeting Time	Platform	Meeting ID	Password
01-11-2022	Python programming	Course Coordinator	08:00:00	Zoom	zoom.kenjjghkg2355412.com	it_dept_121
10-11-2022	CIDD	course staff	07:00:00	google meet	meet.aagbafghghkaf	meet@123

Fig 5.6 Meeting Module Page

5.7 EVENTS MODULES

One of the most important modules for both teachers and students. This page contains information on events that the individual student participated or organised. Here student have the authority the update the module. The event module has three categories like academic, non-academic and achievements. Student enter their events details and upload the proofs or certification.

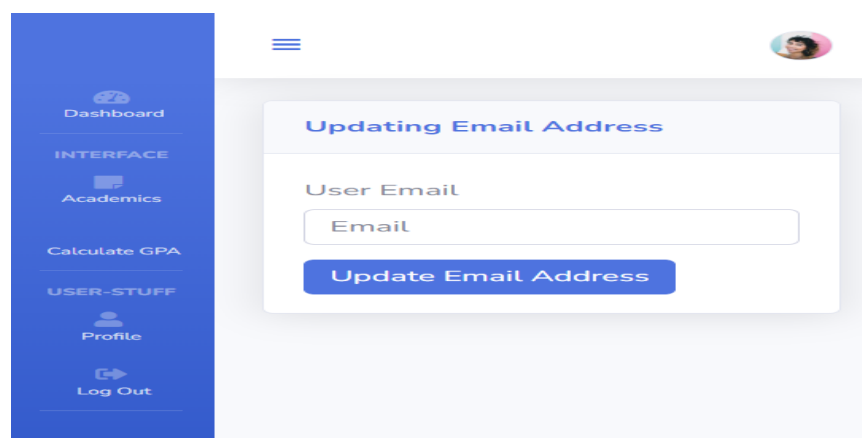


The screenshot shows a web browser window with a dark theme. A modal form titled 'Add Events' is open in the center. The form contains the following fields: 'Event Name' (text input), 'Organizer/Student Name' (text input), 'Event Type' (dropdown menu), 'From' (date input), and 'To' (date input). There is also a section for 'Upload Certificate' with a file upload button and a text input for a description. An 'ADD' button is at the bottom of the form. In the background, a table with columns 'ID', 'Event Name', and 'Status' is partially visible.

Fig.5.7 Events module page

5.8 UPDATE EMAIL MODULE

Students can update or modify their email address and password here. Students can benefit much from this as well. Users can modify their email address on their own without help.



The screenshot shows a web application interface. On the left is a blue sidebar with navigation links: 'Dashboard', 'INTERFACE', 'Academics', 'Calculate GPA', 'USER-STUFF', 'Profile', and 'Log Out'. The main content area has a light blue header with a hamburger menu icon and a user profile picture. Below the header is a form titled 'Updating Email Address'. The form has a label 'User Email' and a text input field containing the word 'Email'. At the bottom of the form is a blue button labeled 'Update Email Address'.

Fig 5.8 Update Email Module

5.9 CGPA CALCULATOR

The cumulative grade point average (CGPA) calculator is used to determine each student's grade point average. It will appear as shown in Fig.10 when presented. The number of topics must be entered by the student, and a table-like display will appear. The student must now input the subject's name, mark obtained, total marks, and credit point. The CGPA will be presented following submission as depicted in Fig.6.10

The screenshot shows a web browser window with the URL `localhost/iclub-master/iclub-master/dlg/student/calculate_gpa.php`. The page title is "GPA Calculator". A sidebar on the left contains the SATHYABAMA logo and navigation links: Dashboard, Announcements, Academic, Calculate GPA, Calculate CGPA, Add course, Profile, and Log Out. The main content area has a form for calculating GPA. At the top, a text input field is labeled "For how many courses would you like to calculate GPA?" with the value "3". Below this is a table with four columns: Subject Name, Marks Obtained, Total Marks, and Credits. The table contains three rows of data: Maths (80, 100, 3), Java (75, 100, 3), and Python (88, 100, 3). A green button labeled "Calculate GPA" is at the bottom of the form. A modal dialog box is open in the center, displaying the text "localhost says Calculate CGPA?" with "OK" and "Cancel" buttons.

Subject Name	Marks Obtained	Total Marks	Credits
Maths	80	100	3
Java	75	100	3
Python	88	100	3

Fig.5.9 CGPA Calculator

This screenshot shows the same CGPA Calculator interface as Fig.5.9, but with the result displayed. The modal dialog box now shows "localhost says 0.6666666666666666" with an "OK" button. The table data remains the same: Maths (80, 100, 3), Java (75, 100, 3), and Python (88, 100, 3). The "Calculate GPA" button is still visible at the bottom of the form.

Subject Name	Marks Obtained	Total Marks	Credits
Maths	80	100	3
Java	75	100	3
Python	88	100	3

Fig.5.10 CGPA Result

CHAPTER 6

CONCLUSION

6.1 CONCLUSION

A student information portal is a web-based application that provides students with access to important academic and Personal information. It allows students to view their academic progress, access academic resources, communicate with faculty and staff, update personal information. A student information portal can be a valuable tool for students to manage their academic progress and administrative tasks in a convenient and efficient manner. It can help to streamline administrative processes, reduce paperwork, and improve communication between students, faculty, and staff. In today's digital age, a student information portal is becoming an increasingly essential component of a modern educational institution. By providing students with easy access to information and resources, it can help to enhance the overall student experience and support student success.

6.2 FUTURE WORK

As technology continues to evolve, there are several potential areas of future work for student information portals. Here are a few possibilities:

- **Improved mobile access:** As more students use mobile devices to access information, future student information portals could be optimized for mobile devices, allowing students to access important information on-the-go.
- **Enhanced personalization:** Future student information portals could offer more personalized experiences based on a student's academic history and preferences.
- **Integration with learning management systems:** Student information portals could be integrated with learning management systems, allowing students to access course materials and assignments directly through the portal.

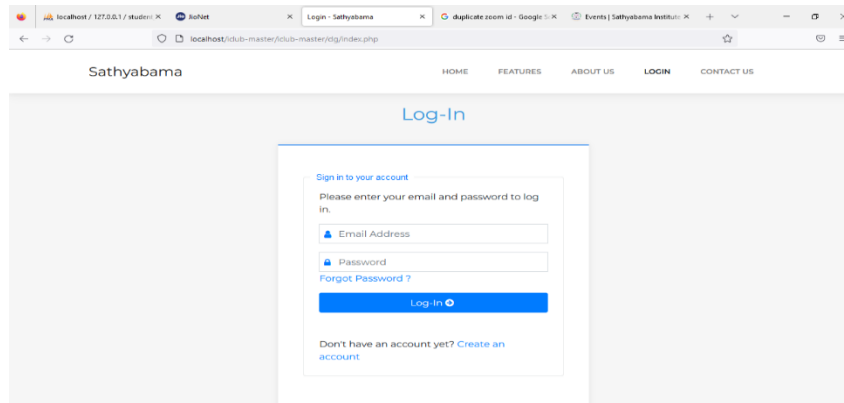
Overall, the potential for future work on student information portals is vast, and there are many exciting possibilities for how these portals could continue to evolve to better support student success

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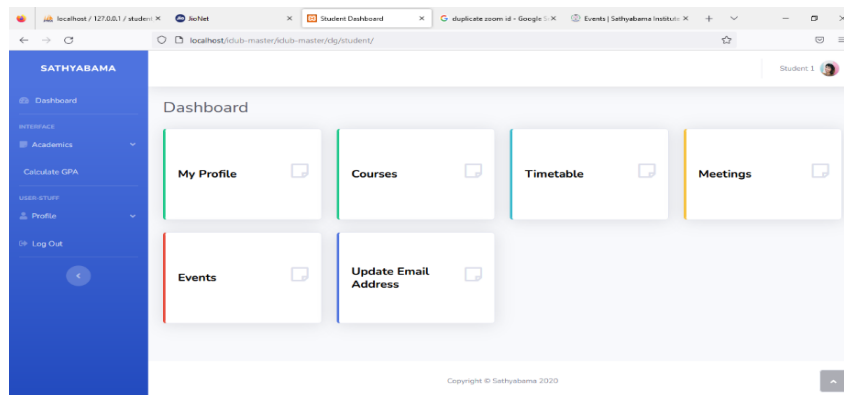
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APPENDIX

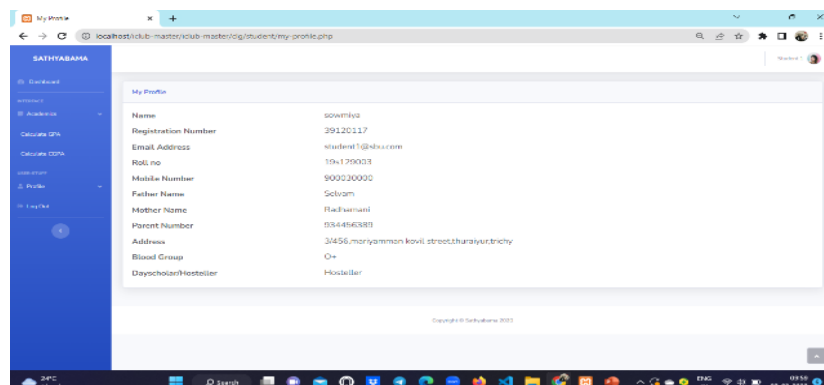
A. SCREENSHOT LOGIN



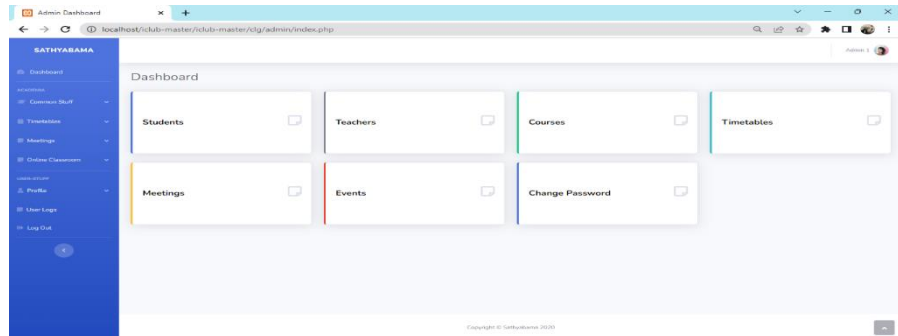
DASHBOARD



PROFILE(STUDENT)



DASHBOARD MODULES(Admin)



COURSES(STUDENT)

Days	1st Hour	2nd Hour	3rd Hour	4th Hour	5th Hour	6th H
MONDAY	SCS1207	SEC1312	SMT1205	SEC1312	SCS1306	SCS1
TUESDAY	SMT1205	SMT1205	SCS1306	SEC1312	SCS1206	SCS1
WEDNESDAY	SEC4087 / SCS4302	SEC4087 / SCS4302	SEC4087 / SCS4302	SCS1207	SMT1205	SEC1
THURSDAY	SCS1206	SCS1206	SCS1207	SMT1205	SCS1209	SCS1
FRIDAY	SCS1209	SCS1207	SCS1306	SEC4087 / SCS4302	SEC4087 / SCS4302	SEC4
SATURDAY	SEC1312	SMT1205	SCS1206	SCS1209	SCS1306	SCS1

TIMETABLE

Date	Course Name	Meeting Host	Meeting Time	Platform	Meeting ID	Password
01-11-2022	Python programming	Course Coordinator	08:00:00	Zoom	zoom.kensjgshkbg2355412.com	it_dept_123
10-11-2022	CDD	course staff	07:00:00	google meet	meet.aajgsbakfjghkaf	meet@123

EVENTS

The screenshot shows a web browser window with a modal form titled "Add Event". The form contains the following fields:

- Event Name:** A text input field with "Tutoring" entered.
- Signature/Instructor name:** A text input field with "Joshi" entered.
- Room:** A dropdown menu with "101" selected.
- Day:** A dropdown menu with "Monday" selected.
- Time:** A dropdown menu with "10:00 AM" selected.
- Location:** A dropdown menu with "Sathyabama" selected.
- Room:** A dropdown menu with "101" selected.
- Day:** A dropdown menu with "Monday" selected.
- Time:** A dropdown menu with "10:00 AM" selected.
- Location:** A dropdown menu with "Sathyabama" selected.
- Typical Outcomes:** A text input field with "100% attendance" entered.
- ADD:** A red button at the bottom right of the form.

CGPA CALCULATOR

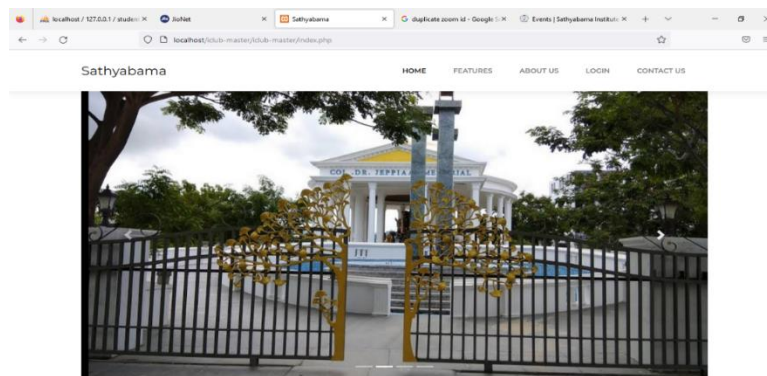
The screenshot shows the "GPA Calculator" interface. It includes a sidebar with navigation links: Dashboard, Academics, Calculate GPA, Profile, and Log Out. The main content area has a form with the following elements:

- GPA Calculator:** A heading.
- For how many courses would you like to calculate GPA?** A text input field with "Enter no. of courses" placeholder.
- Subject Name, Marks Obtained, Total Marks, Credits:** A table header.
- Calculate GPA:** A green button.
- Copyright © Sathyabama 2020:** A footer note.

LOGOUT

This screenshot is similar to the previous one, but it includes a modal message box in the center of the screen. The message box contains the text "You have successfully logged out." and an "OK" button. The background interface is dimmed.

HOME



B. SOURCE CODE

Index.php

```
<?php
session_start();
include('include/config.php');
include('include/checklogin.php');
check_login();
include('include/cards.php');
include('include/functions.php');
?>

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0, shrink-to-fit=no">
    <title>Student Dashboard</title>
    <link                                rel="stylesheet"
href="assets/bootstrap/css/bootstrap.min.css">
    <link                                rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,3
00,300i,400,400i,600,600i,700,700i,800,800i,900,900i">
    <link    rel="stylesheet"    href="assets/fonts/fontawesome-
all.min.css">
    <link rel="stylesheet" href="assets/css/styles.css">
</head>
<body id="page-top">
    <div id="wrapper">
        <?php include('include/sidebar.php'); ?>
        <div class="d-flex flex-column" id="content-wrapper">
```

```

<div id="content">

    <?php include('include/header.php'); ?>

    <div class="container-fluid">

        <div class="d-sm-flex justify-content-between align-items-center mb-4">

            <h3 class="text-dark mb-0">Dashboard</h3>

        </div>

        <div class="row">

            <?php myCard("my-profile.php", "myText", "My Profile", "card shadow border-left-success py-2", "card-body", "far fa-sticky-note fa-2x text-gray-300"); ?>

            <?php myCard("view-courses.php", "myText", "Courses", "card shadow border-left-success py-2", "card-body", "far fa-sticky-note fa-2x text-gray-300"); ?>

            <?php myCard("view-time-table.php", "myText", "Timetable", "card shadow border-left-info py-2", "card-body", "far fa-sticky-note fa-2x text-gray-300"); ?>

            <?php myCard("view-meetings.php", "myText", "Meetings", "card shadow border-left-warning py-2", "card-body", "far fa-sticky-note fa-2x text-gray-300"); ?>

            <?php myCard("view-events.php", "myText", "Events", "card shadow border-left-danger py-2", "card-body", "far fa-sticky-note fa-2x text-gray-300"); ?>

            <?php myCard("change-email.php", "myText", "Update Email Address", "card shadow border-left-primary py-2", "card-body", "far fa-sticky-note fa-2x text-gray-300"); ?>

        </div>

    </div>

</div>

<?php include('include/footer.php'); ?>

</div><a class="border rounded d-inline scroll-to-top" href="#page-

```

```

top"><i class="fas fa-angle-up"></i></a>

</div>

<script src="assets/js/jquery.min.js"></script>

<script src="assets/bootstrap/js/bootstrap.min.js"></script>

<script      src="https://cdnjs.cloudflare.com/ajax/libs/jquery-
easing/1.4.1/jquery.easing.js"></script>

<script src="assets/js/theme.js"></script>

</body>

</html>

<?php

```

Myprofile.php

```

<?php

session_start();

include('include/config.php');

include('include/checklogin.php');

check_login();

include('include/fields.php');

include('include/functions.php');

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-
scale=1.0, shrink-to-fit=no">

<title>My Profile</title>

<link                                rel="stylesheet"

```

```

href="assets/bootstrap/css/bootstrap.min.css">

    <link                                rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,3
00,300i,400,400i,600,600i,700,700i,800,800i,900,900i">

    <link    rel="stylesheet"    href="assets/fonts/fontawesome-
all.min.css">

    <style>
        .borderit {
            border: 1px solid black;
        }
        .myText {
            font-weight: bold;
            font-size: larger;
        }
        .mu-10 {
            margin-top: 10px;
        }
    </style>
</head>
<body id="page-top">
    <div id="wrapper">
        <?php include('include/sidebar.php'); ?>
        <div class="d-flex flex-column" id="content-wrapper">
            <div id="content">
                <?php include('include/header.php'); ?>
                <div class="container-fluid">
                    <div class="card shadow mb-5">
                        <div class="card-header py-3">
                            <p class="text-primary m-0 font-weight-bold">My Profile</p>

```

```

        </div>

        <div class="card-body">

            <div class="row">

                <div class="col-lg-8">

                    <?php $row = fetchFrom("namelist",
$_SESSION['id']); ?>

                    </span>

                    <?php field_1("", 5, "text-dark myText",
"Name", 7, "text-dark h5", "$row[2]"); ?>

                    <?php field_1("mu-10", 5, "text-dark
myText", "Registration Number", 7, "text-dark h5", "$row[1]"); ?>

                    <?php field_1("mu-10", 5, "text-dark
myText", "Email Address", 7, "text-dark h5", "$row[3]"); ?>

                </div>

            </div>

        </div>

    </div>

    <div>

        <?php include('include/footer.php'); ?>

        </div><a class="border rounded d-inline scroll-to-top"
href="#page-top"><i class="fas fa-angle-up"></i></a>

    </div>

</div>

<script src="assets/js/jquery.min.js"></script>

<script src="assets/bootstrap/js/bootstrap.min.js"></script>

<script src="assets/js/jquery.easing.js"></script>

<script src="assets/js/theme.js"></script>

</body>

</html>

```

Index.php

```

?php
session_start();
include("include/config.php");
if (isset($_POST['submit'])) {
    $ret = mysqli_query($con, "SELECT * FROM users WHERE
email='' . $_POST['username'] . '' and password='' .
md5($_POST['password']) . '');
    $num = mysqli_fetch_array($ret);
    if ($num > 0) {
        $_SESSION['login'] = $_POST['username'];
        $_SESSION['id'] = $num['id'];
        $_SESSION['role'] = $num['role'];
        $_SESSION['fullName'] = $num['fullName'];
        $host = $_SERVER['HTTP_HOST'];
        $uip = $_SERVER['REMOTE_ADDR'];
        $status = 1;
        // For storing log if user login successfull
        $log = mysqli_query($con, "insert into
userlog(uid,username,userip,status) values('' . $_SESSION['id'] .
'', '' . $_SESSION['login'] . '', '$uip', '$status')");
        if ($_SESSION['role'] == "admin")
            header("location:admin/");
        else if ($_SESSION['role'] == "student")
            header("location:student/");
    } else {
        // For stroing log if user login unsuccessful
        $_SESSION['login'] = $_POST['username'];
        $uip = $_SERVER['REMOTE_ADDR'];
        $status = 0;
    }
}

```

```

        mysqli_query($con, "insert into
userlog(username,userip,status) values('" . $_SESSION['login'] .
"', '$uip', '$status')");

        $_SESSION['errmsg'] = "Invalid username or password";
        $extra = "index.php";
        $host = $_SERVER['HTTP_HOST'];
        $uri = rtrim(dirname($_SERVER['PHP_SELF']), '/\\');
        header("location:http://$host$uri/$extra");
    }
}
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0, shrink-to-fit=no">
    <title>Login - Sathyabama</title>
    <link rel="icon" type="image/ico"
href="assets/img/college/logo.jpg" />
    <link rel="stylesheet"
href="assets/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" href="assets/fonts/font-
awesome.min.css">
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Montserrat:400,4
00i,700,700i,600,600i">
    <link rel="stylesheet" href="assets/fonts/simple-line-
icons.min.css">
    <link rel="stylesheet" href="assets/css/baguetteBox.min.css">

```

```

    <link rel="stylesheet" href="assets/css/styles.css">
</head>
<body>
    <nav class="navbar navbar-light navbar-expand-lg fixed-top
bg-white clean-navbar">
        <div class="container"><a class="navbar-brand logo"
href="../index.php">Sathyabama</a><button
data-
toggle="collapse" class="navbar-toggler" data-target="#navcol-
1"><span class="sr-only">Toggle navigation</span><span
class="navbar-toggler-icon"></span></button>
            <div class="collapse navbar-collapse" id="navcol-1">
                <ul class="nav navbar-nav ml-auto">
                    <li class="nav-item" role="presentation"><a
class="nav-link" href="../index.php">Home</a></li>
                    <li class="nav-item" role="presentation"><a
class="nav-link" href="#">Features</a></li>
                    <li class="nav-item" role="presentation"><a
class="nav-link" href="../about-us.php">About Us</a></li>
                    <li class="nav-item" role="presentation"><a
class="nav-link active" href="index.php">LogIn</a></li>
                    <li class="nav-item" role="presentation"><a
class="nav-link" href="../contact-us.php">Contact Us</a></li>
                </ul>
            </div>
        </div>
    </nav>
    <main class="page contact-us-page">
        <section class="clean-block clean-form dark">
            <div class="container-fluid">
                <div class="block-heading">

```

```

        <h2 class="text-info">Log-In</h2>

        <p></p>
    </div>

    <form class="form-login" method="post">

        <fieldset>

            <legend>

                Sign in to your account

            </legend>

            <p>

                Please enter your email and password to log
in.<br />

                <span style="color:red;">

                    <?php if (isset($_SESSION['errmsg'])) {

                        echo htmlentities($_SESSION['errmsg']);

                    }

                    ?>

                </span>

            </p>

            <div class="form-group">

                <span class="input-icon">

                    <input type="text" class="form-control"
name="username" placeholder="Email Address" required>

                    <i class="fa fa-user"></i> </span>

                </div>

                <div class="form-group form-actions">

                    <span class="input-icon">

                        <input type="password" class="form-control
password" name="password" placeholder="Password" required>

                        <i class="fa fa-lock"></i>

```

```

        </span><a href="#">
            Forgot Password ?
        </a>
    </div>
    <div class="form-actions">
        <button type="submit" class="btn btn-primary
btn-block" name="submit">
            Log-In <i class="fa fa-arrow-circle-right"></i>
        </button>
    </div><br><br>
    <div class="new-account">
        Don't have an account yet?
        <a href="#">
            Create an account
        </a>
    </div>
</fieldset>
</form>
</div>
</section>
</main>
<?php include('include/footer.php'); ?>
<script src="assets/js/jquery.min.js"></script>
<script src="assets/bootstrap/js/bootstrap.min.js"></script>
<script src="assets/js/baguetteBox.min.js"></script>
<script src="assets/js/theme.js"></script>
</body>
</html>

```

C. RESEARCH PAPER

Abstract- The portal is an online programme. Student information and activities are managed through the student activity management system. It can be used by academic institutions to easily manage student records. This helps you save time and effort. It offers a simple user interface for updating student information. The portal primarily focuses on giving information about the student, such as biodata, activities in which the student participated, and a schedule. This portal makes it simple for students and faculty to access their files and information. For educational institutions, the management of student data—which offers all individual associated information for easier daily navigation—is crucial. It has ability to accept, analyse, and generate reports at any moment.

Keywords - *portal, login, time-table, events*

I. INTRODUCTION

The student activity portal was created with the goal of replacing the current paper-based data. Through a

Secure online interface, college professors have direct access to every aspect of a student's academic accomplishments and extracurricular activities. Before any actual record update takes place, the server properly reviews and validates all data. The system proposes to include a student user interface in addition to a staff user interface, enabling users to obtain information and make requests online and speeding up processing. The maximum level of security is guaranteed because all data is kept on servers that are under the administrator's control. The system includes a logging mechanism to keep track of every user access and guarantee compliance with data access policies.

It is aimed to reduce the amount of time required to access and send information about students to users by improving the efficiency of the college's record management. This system offers a user-friendly interface for updating student information. It would be challenging to achieve this goal with a manual system because the information is distributed,

potentially duplicated, and time-consuming to obtain. Minimising the time needed to access and transmit student records, improving the effectiveness of college record management, Reduce the amount of time spent on limited actions to increase the system's security. It makes the faculty's job easier because instead of sending a form every time they require information about a student to fill out the details, they can just view the student's information and the extracurricular activities they have taken part in here.

II. LITERATURE SURVEY

Design and Implementation of Student Information Management System [1] focuses on the function description and analysis of the system and program to get to the database through open database connectivity. Moreover, to develop, create and to organize internal activities.

The majority of the student information system has used the Student Information Management System [2], which focuses on providing a simple interface for the easy collation and maintenance of all manner of student information. This student information system contains a

variety of data, including information about enrolment, attendance, faculty, and exams. It keeps track of all the information about the student, including attendance, academic progress, and exam results. It is a standardized management system.

This paper [3] focuses on the website which is created for college. Grades, profiles, academic records, class schedules, and subject offers are all included in this student information site. It is highly recommended and is used by administrators as well as students. By providing feedback to staff through the portal, it helps to better meet the requirements of the students.

Students Portal Architecture based on SOA [4] focuses on representing a major part of a university information system. This includes details on the courses that are available, transcripts, email programmes, timetables, exam schedules, and department contact information.

This paper [5] focuses on getting their own course timetable in collaboration with the student information system for both students and professor. It is adapted to multiple LMSs which can be selected by the

course professor. Use of the portal is measured for eight to eighteen months respectively.

III. PROPOSED WORK

3.1 System design

The home page, which gives access to the system for all students, staff, and other users, is designed as part of the student information management system. Every person who uses the system has their own username and password. The primary element of the home page is a login form, which enables both new and existing users to log in to the system by providing a username and password. The diagram Fig.1 below demonstrates how the databases are interconnected. The databases are linked to admin module. The admin handles the student profile in the portal.

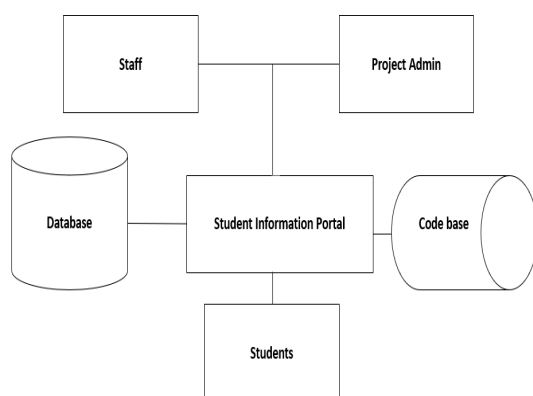


Fig 1. System Architecture of portal

3.2 Modules

In this portal there are two main modules, student, and admin modules. Each main module has their own sub modules. Student module contains, my profile, Courses, Timetable, Meetings, Events, Updated mail. The admin will add material like courses, timetable, meeting schedule information. The event module is updated by students. Here, they update the location of the event, where it was held, event proofs and other details about they attended or conducted. The event module is also having three modules based on, academic, non-academic and achievements.

IV.METHODOLOGY

PHP and MySQL were used in the development of this site. There are two modules for admin i.e., staff and students. They have a unique login for each. Numerous modules, including student profiles, course, timetable module, meeting module, event module, and club module, are available when students check in. Additionally, students can verify their attendance, GPA and CGPA. They

can also update their mail and password. These details will appear upon registration for admin, who can view them.

4.1 Student

The focus is on the student because each college student has a crucial role to perform. Students can access their profile, course details, timetable details, and event details. The course details include information about the branch of study, the college's academic calendar, the subjects that branch offers each year, subject details such as the subject syllabus, and information about the faculty teaching the subjects. profile contains information about the specific student. Information on the events that students participated in as well as the events they attended is included in the event details. The password can be changed by students.

4.2. Faculty

One of the key responsibilities in the student information portal is played by the faculty. For a better understanding of the student's performance and to increase the student's effectiveness, they can also view the student details. The college provides updates to the personnel of

any events that take place there. Because it eliminates the have to submit a form to collect student information each time, this portal is particularly helpful to professors.

4.3. Administrator

Taking care of modifications to the student accounts, such as those involving name, address, etc. Additionally, the administrator handles defective accounts by adding new faculty and allocating the faculty to the various topics. The administration also updates information about the college, including the activities calendar and details of any additional events that take place on campus. The administrator will review each update, including those for students, professors, etc. The student information system's administrator has the most authority.

4.4 Dashboard

- *Login Module*

Users can log in by entering their user's name and password in the portal module known as the Login Module. To enable users to log in to the system, you may add this module to any module tab. The interface used by vendors of authentication

technology is defined by Login Module.

Applications plug in Login Modules to give a certain kind of authentication.

- Profile Module

Our students and staff can view their profile details, which include their name, Reg.no, Roll.no, parents' details, email ID, mobile number, and address. To access the Profile section, log in to your account and go to the app's home page. Click the Profile icon in the top left corner of the dashboard.

- Course Module

Students are notified about the courses available this semester or year by course modules. Students can view the offered courses as well as course information here. Admin schedule the course in the module.

- Timetable Module

Both faculty members and students can benefit greatly from the timetable module. Here, they can view the current semester's schedule and course information. If any changes are there in timetable means admin will update the changes. Students cannot

update. Only the admin has the permission to change the information.

- Meetings Module

This is another crucial section of the student information portal. There are specifics about upcoming class and event meetings. Students can view the meeting ID, password, and meeting information here, which is made available by the institution. The meeting URL and ID do not need to be sent repeatedly. Once the admin updated in the portal student can view and use it. If the link is sent through chat means students need to find whenever online meetings scheduled. If the admin updated in portal there will be less chance to find the link repeatedly and whenever they need the link they can find the link in the portal.

- Events Module

The events module of the student information portal is one of the more fascinating parts. Staff members can view the inter- or intra-college events that students organised, participated in, or attended. The events' complete details are provided. Here students update the event module. It is based on three categories like academic, non-academic, and achievements

.Students enter their event details and proofs of the event .These data will be reflected to admin module.

- Update email Module

Students can modify or alter the registered email address in this module.

V. RESULTS AND DISCUSSION

5.1. Proposed model

PHP and MySQL are used in the design of the site. It consists of two modules, each of which has a submodule. Updating the material is very helpful for both admin and students. Students may also examine academic and non-academic details. The data will be stored in the cloud.

5.2. Login Module

The website's home screen is the login module of the portal. One login section is for admin, and the other is for students. Each pupil has a unique username and password. They can generate new passwords if they forget the password. The website contains each student personal data so it is authenticated. The website redirects

to the dashboard after a good verification.

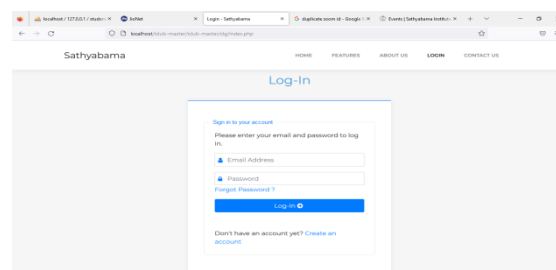


Fig. 2. Login Page

5.3 Dashboard of student module

Students who use their credentials to check in will see the dashboard in Fig.3 below. It displays the various components. Additionally, there are some sections in the left side navigation bar. The components are laid out in a row like cards.

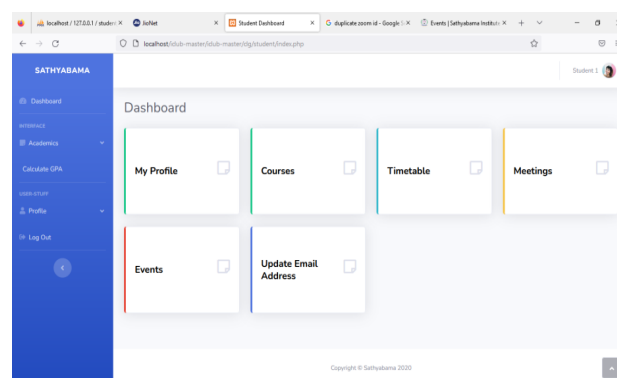


Fig.3. Dashboard

5.4 Profile Module

Students can examine their personal information in the profile module. Name, Registration number, Email address, roll number, Mobile

number, Parents number, Address, Blood group, and day scholar /hosteler are all included. This is very helpful for the staff to gather the student data whenever necessary.

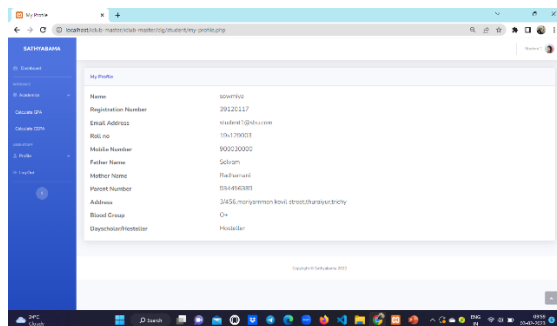


Fig. 4. My Profile Module Page

5.5 Course Module

The meeting time and link for the online classes are included in this module. The date, course name, meeting host, meeting hour, meeting platform, meeting id, and password are all contained in this. Students can open the course module and view the meeting details. The admin will update the course module. Student can't edit the course module.

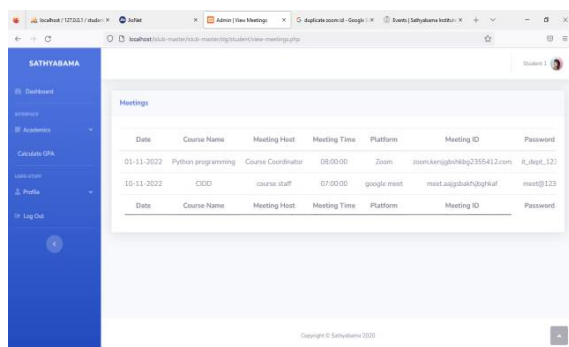


Fig. 5. Course Module Page

5.6 Timetable Module

This module comes under academic's module. It contains the current semester timetable. It will be updated by the admin. If any changes need be done, only admin has the authority to update them. It is very helpful for both staff and student.

Days	1st Hour	2nd Hour	3rd Hour	4th Hour	5th Hour	6th Hour
MONDAY	SCS12017	SCS12012	SCS12019	SCS12012	SCS12006	SCS12009
TUESDAY	SCS12016	SCS12006	SCS12006	SCS12012	SCS12006	SCS12006
WEDNESDAY	SCS12007 / SCS12003	SCS12007 / SCS12003	SCS12007 / SCS12003	SCS12007	SCS12003	SCS12003
THURSDAY	SCS12006	SCS12006	SCS12007	SCS12006	SCS12006	SCS12009
FRIDAY	SCS12009	SCS12007	SCS12006	SCS12007 / SCS12003	SCS12007 / SCS12003	SCS12007
SATURDAY	SCS12012	SCS12006	SCS12006	SCS12006	SCS12006	SCS12007

Fig. 6. Timetable Page

5.7 Meetings Module

This module provides brief details regarding upcoming and ongoing meetings. This includes information about departmental and non-departmental meetings. Students can easily receive the meeting link and passcode from this page. It is very helpful for both student and staff. It displays like shown in below Fig.7 . Only admin have the authority the update this module.

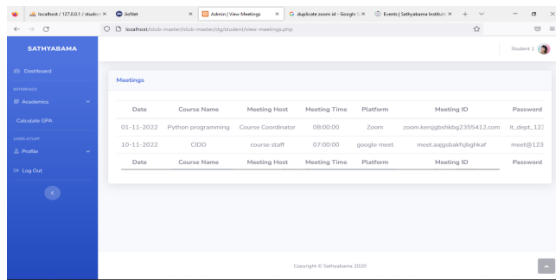


Fig.7. Meeting Module Page

5.8 Events Module

One of the most important modules for both teachers and students. This page contains information on events that the individual student participated or organised. Here student have the authority the update the module. The event module has three categories like academic, non-academic and achievements. Student enter their events details and upload the proofs or certification.

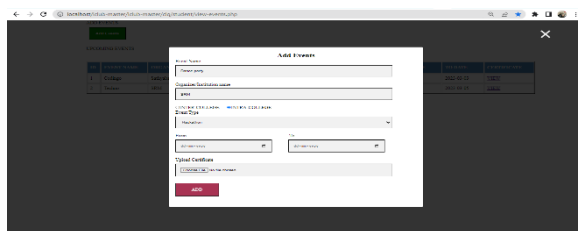


Fig. 8. Events module page

5.9 Update email Module

Students can update or modify their email address and password here. Students can benefit much from

this as well. Users can modify their email address on their own without help.

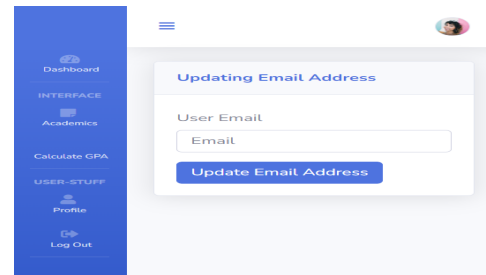


Fig 9. Update Email Module

5.10 . CGPA calculator

The cumulative grade point average (CGPA)calculator is used to determine each student's grade point average. It will appear as shown in Fig.10 when presented. The number of topics must be entered by the student, and a table-like display will appear. The student must now input the subject's name, mark obtained ,total marks, and credit point. The CGPA will be presented following submission as depicted in Fig.11.

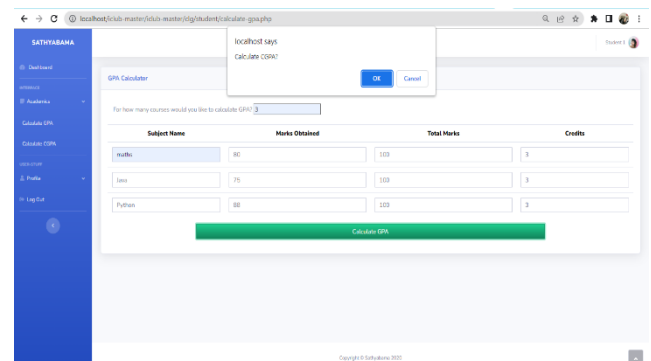


Fig.10. CGPA Calculator

localhost:8080/master/edu-master/edu-student/calculate-gpa.php

localHost rayst
0.0000000000000000

OK

For how many courses would you like to calculate GPA?

Subject Name	Marks Obtained	Total Marks	Credits
Maths	80	100	3
Bio	75	100	3
Python	88	100	3

Calculate GPA

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Fig.11. CGPA Result

REFERENCES

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