University Management WEBSITE REPORT

Abstract:

In response to the increasing demand for efficient university management solutions, our team has embarked on the development of a comprehensive university management website. This report provides an overview of the project's objectives, methodologies, features, and outcomes.

Objectives:

The primary objectives of this project include:

- Creating a user-friendly platform for managing various university activities such as student enrollment, course management, and administrative tasks.
- Providing a seamless experience for both students and administrative staff.
- Implementing robust security measures to protect sensitive university data.
- Optimizing the website for performance and scalability to accommodate the needs of a growing university.

Methodology:

The project follows an iterative development approach, incorporating elements of Agile methodology. The development process involves the following steps:

Requirement analysis: Gathering and prioritizing user requirements, including those for student management, course registration, and administrative tasks.
Design: Creating an intuitive user interface with easy navigation and accessibility.
Development: Implementing front-end and back-end functionalities using PHP, MySQL, CSS, and JavaScript.
Database: Utilizing MySQL for efficient storage and retrieval of university data.
Testing: Conducting thorough testing to identify and rectify any issues before deployment.
Deployment: Launching the website and ensuring smooth operation.

Introduction:

With the aim of providing a reliable and user-friendly platform for university management, our project focuses on developing a comprehensive website tailored to the needs of educational institutions. The website will enable efficient management of student records, course schedules, faculty information, and administrative tasks.

System Design :

The website will utilize PHP for server-side scripting, MySQL for database management, and CSS and JavaScript for front-end development. The

system design will include modules for student management, course registration, faculty management, and administrative functions.

Tables to be formed:

We will be using these tables for database

- Accounts Table:
  This table stores details of student, teacher, and parent accounts.
  Fields:
  account_id: Primary key, unique identifier for each account.
  account_type: Indicates the type of account (e.g., student, teacher, parent).
  name: Name of the account holder.
  email: Email address of the account holder.
  password: Encrypted password for account login.
  Additional fields based on specific requirements, such as contact information, role, etc.
- Attendance Table:
  This table tracks attendance records for students, teachers, or classes.
  Fields:
  attendance_id: Primary key, unique identifier for each attendance record.
  user_id: Foreign key referencing the account_id in the Accounts table.
  date: Date of the attendance record.
  status: Attendance status (e.g., present, absent).
  Additional fields as needed, such as class/course information, time, etc.
- Course Table:
  This table contains information about courses offered by the university.
  course_id: Primary key, unique identifier for each course.
  course_name: Name of the course.
  course_code: Code or identifier for the course.
  description: Description or details about the course.

Additional fields such as prerequisites, credits, etc.
Classes Table:
This table stores details about classes or class sections.
Fields:
class_id: Primary key, unique identifier for each class.
class_name: Name or identifier for the class.
course_id: Foreign key referencing the course_id in the Course table, indicating the course associated with the class.
teacher_id: Foreign key referencing the account_id in the Accounts table for the teacher assigned to the class.
Additional fields such as class schedule, room number, etc.

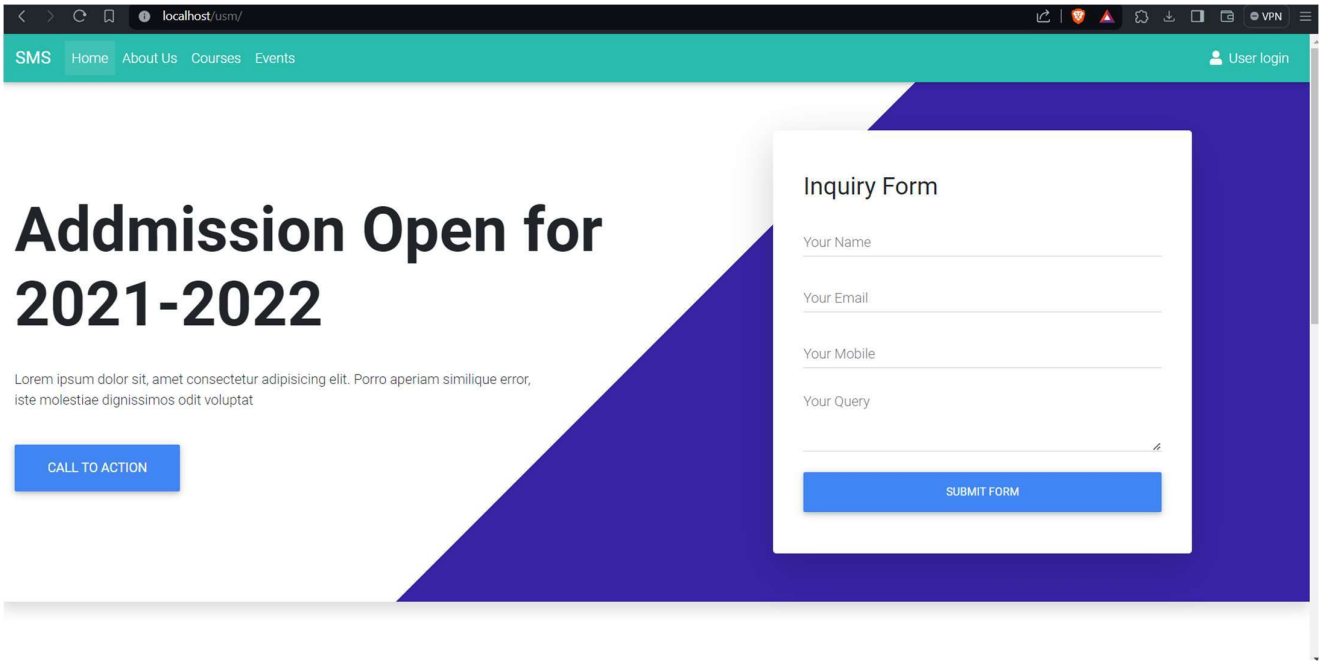
Implementation:

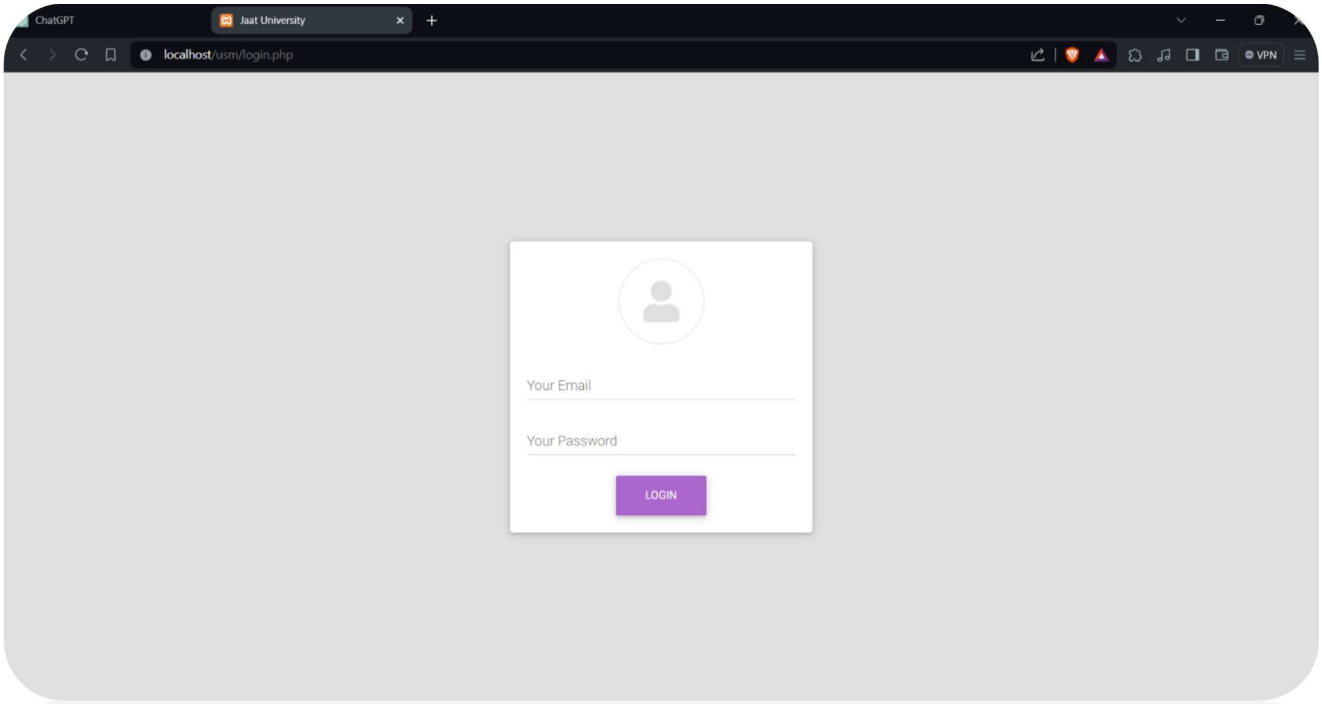
The front-end of the website will be developed using HTML, CSS, and JavaScript to create a visually appealing and interactive user interface. The back-end functionality will be implemented using PHP and MySQL to ensure efficient data processing and management. The website will be designed to be responsive and accessible across different devices and screen sizes.a

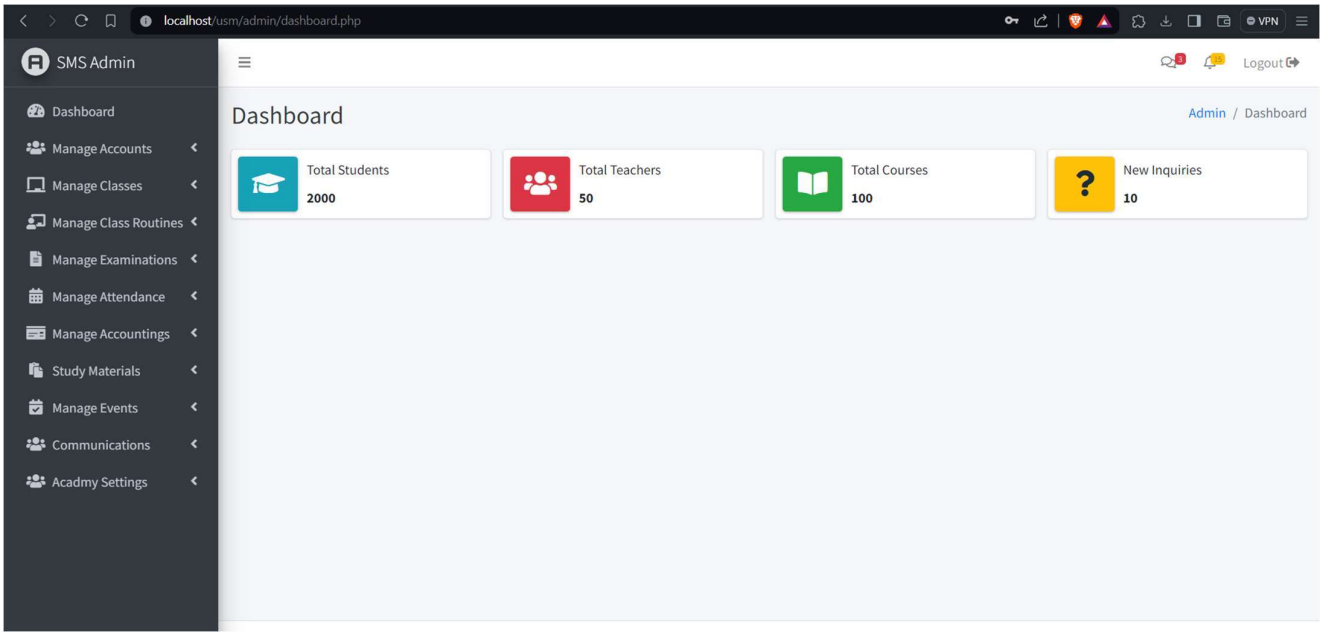
Front-end:

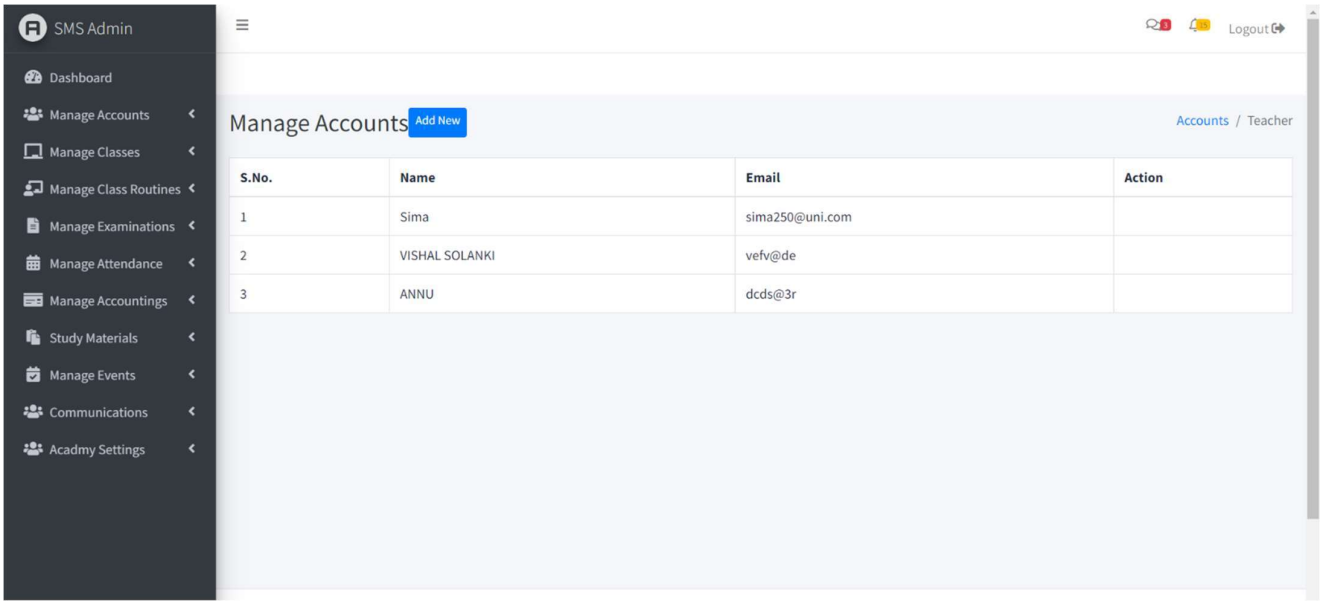
We have made our home, menu , login , signup page using HTML, CSS and basic UI/UX. It is confirmed it is a unique and not copied design.

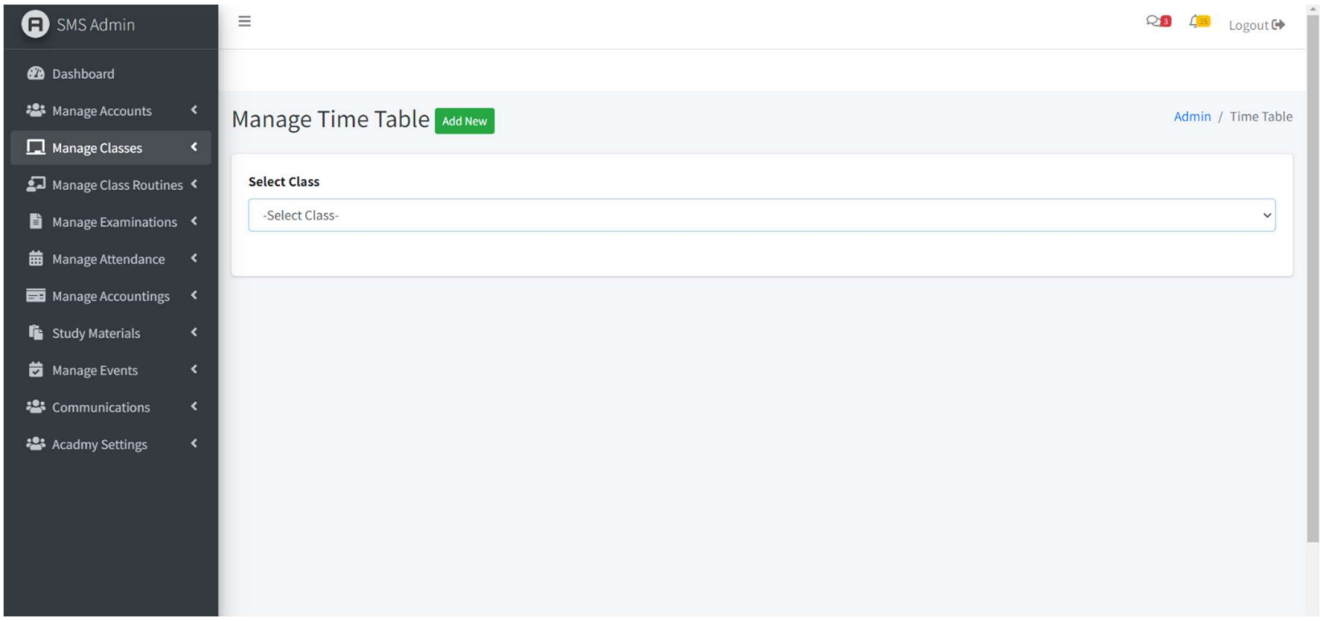
Code snippets and web pages are as follows:


localhost/usm/
SMS
Home
About Us
Courses
Events
User login
Addmission Open for 2021-2022
Lorem ipsum dolor sit, amet consectetur adipisicing elit. Porro aperiam similique error, iste molestiae dignissimos odit voluptat
CALL TO ACTION
Inquiry Form
Your Name
Your Email
Your Mobile
Your Query
SUBMIT FORM


ChatGPT
Jaat University
localhost/usm/login.php
Your Email
Your Password
LOGIN


localhost/usm/admin/dashboard.php
VPN
SMS Admin
Logout
Dashboard
Admin / Dashboard
Dashboard
Manage Accounts
Manage Classes
Manage Class Routines
Manage Examinations
Manage Attendance
Manage Accountings
Study Materials
Manage Events
Communications
Acadmy Settings
Total Students
2000
Total Teachers
50
Total Courses
100
New Inquiries
10


SMS Admin
Logout
Dashboard
Manage Accounts
Manage Classes
Manage Class Routines
Manage Examinations
Manage Attendance
Manage Accountings
Study Materials
Manage Events
Communications
Acadmy Settings
Manage Accounts
Add New
Accounts / Teacher
S.No.
Name
Email
Action
1
Sima
sima250@uni.com
2
VISHAL SOLANKI
vefv@de
3
ANNU
dcds@3r




```php
<?php include('../includes/config.php') ?>
<?php include('header.php') ?>
<?php include('sidebar.php') ?>
    <!-- Content Header (Page header) -->
    <div class="content-header">
      <div class="container-fluid">
        <div class="row mb-2">
          <div class="col-sm-6">
            <h1 class="m-0 text-dark">Dashboard</h1>
          </div><!-- /.col -->
          <div class="col-sm-6">
            <ol class="breadcrumb float-sm-right">
              <li class="breadcrumb-item"><a href="#">Teacher</a></li>
              <li class="breadcrumb-item active">Dashboard</li>
            </ol>
          </div><!-- /.col -->
        </div><!-- /.row -->
      </div><!-- /.container-fluid -->
    </div>
    <!-- /.content-header -->
    <!-- Main content -->
    <section class="content">
      <div class="container-fluid">
        <!-- Info boxes -->
        <div class="row">
          <div class="col-12 col-sm-6 col-md-3">
            <div class="info-box">
              <span class="info-box-icon bg-info elevation-1"><i class="fas fa-graduation-cap"></i></span>

              <div class="info-box-content">
                <span class="info-box-text">Total Students</span>
                <span class="info-box-number">
                  2000
                </span>
              </div>
```

Database:

Database is formed using SQL and is monitored in real time.

ER Diagram and code snippets are as follows:

These are the various table->

☐	accounts	☆	Browse	Structure	Search	Insert	Empty	Drop	9	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	attendance	☆	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8_general_ci	16.0 KiB	-
☐	classes	☆	Browse	Structure	Search	Insert	Empty	Drop	0	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	courses	☆	Browse	Structure	Search	Insert	Empty	Drop	6	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	metadata	☆	Browse	Structure	Search	Insert	Empty	Drop	60	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	sections	☆	Browse	Structure	Search	Insert	Empty	Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
☐	usermeta	☆	Browse	Structure	Search	Insert	Empty	Drop	151	InnoDB	utf8mb4_general_ci	16.0 KiB	-
	7 tables	Sum							230	InnoDB	utf8mb4_general_ci	112.0 KiB	0 B

←T→				id	type	email	password	name
☐	Edit	Copy	Delete	4	teacher	sima250@uni.com	sics	Sima
☐	Edit	Copy	Delete	5	student	rinku440@uni.com	vrber	Rinku
☐	Edit	Copy	Delete	11	teacher	vefv@de	e807f1fcf82d132f9bb018ca6738a19f	VISHAL SOLANKI
☐	Edit	Copy	Delete	13	teacher	dcds@3r	e807f1fcf82d132f9bb018ca6738a19f	ANNU
☐	Edit	Copy	Delete	14	counseller	vud@hf	e807f1fcf82d132f9bb018ca6738a19f	filo
☐	Edit	Copy	Delete	15	librarian	admin@ji.com	e807f1fcf82d132f9bb018ca6738a19f	gtgr
☐	Edit	Copy	Delete	16	librarian	erger@gtrgrt	e807f1fcf82d132f9bb018ca6738a19f	ferf
☐	Edit	Copy	Delete	17	librarian	fx3@dfggtr	e807f1fcf82d132f9bb018ca6738a19f	GAJENDER
☐	Edit	Copy	Delete	18	parent	ceer@gtr	e807f1fcf82d132f9bb018ca6738a19f	bg

```sql
--

CREATE TABLE `accounts` (
  `id` int(11) NOT NULL,
  `type` varchar(50) NOT NULL,
  `email` varchar(50) NOT NULL,
  `password` text NOT NULL,
  `name` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```sql
CREATE TABLE `classes` (
  `id` int(11) NOT NULL,
  `title` text NOT NULL,
  `section` varchar(50) NOT NULL,
  `added_date` date NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```sql
--
-- Table structure for table `attendance`
--

CREATE TABLE `attendance` (
  `id` int(11) NOT NULL,
  `attendance_month` text NOT NULL,
  `attendance_value` longtext NOT NULL,
  `modified_date` datetime NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `std_id` int(11) NOT NULL,
  `current_session` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

```

Conclusion:

This project is based on food ordering online platform for easy access and user-friendly interface. As we see the demand for online food ordering continues to grow, driven by consumer's desire for convenience and efficiency. Our project addressed this demand by offering a user-friendly interface accessible via web and mobile devices, allowing customers to order their favorite meals with just a few clicks. We will be continuously advancing this project with further improvements before it is ready for deployment. We are excited about the possibilities that lie ahead and remain committed to delivering excellence in the realm of food ordering technology.