

EVENT MANAGEMENT WEBSITE DEVELOPEMENT

MINOR PROJECT WORK (BCAD-581) IN BACHELORS OF COMPUTER APPLICATIONS

UNDER THE GUIDANCE OF PROF.
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Content of the Synopsis

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- i) Signature of the Guide
- j) Signature of HOD

TITLE

EVENT MANAGEMENT WEBSITE USING PHP, MYSQL, HTML, CSS, JS

DETAILS OF GROUP MEMBERS

<u>Sl.</u>	<u>Group Members</u>	<u>University Roll</u>
1.	SOUGATA MUKHERJEE	29401222050
2.	SUBRATA MONDAL	29401222070
3.	TIYASHA DAS	29401222084
4.	AISHANI MANIK	29401222008
5.	VICKY BHAGAT	29401222007

ABSTRACT

This project introduces an Event Management System built with PHP and MySQL, aimed at optimizing event planning and management processes. The system allows users to register, create, and manage events, offering features such as ticket booking and administrative control. The use of PHP ensures dynamic content management, while MySQL provides secure data handling. Designed for ease of use, the platform reduces manual tasks, improves communication, and supports various event types, from conferences to social events. The system's scalable architecture allows for future growth and adaptability. Using this system brings several advantages, including reducing mistakes that often occur with manual management, improving coordination among event planners, and making it easier for users to access event information on different devices. The system saves time and effort by automating key tasks, allowing organizers to focus on planning and executing their events more effectively. It also provides real-time updates and notifications, keeping participants informed about any changes. By moving event management online, the system also helps in tracking and analyzing event data, making it easier to plan future events.

KEY AREAS TO BE DEVELOPED

1. User Authentication and Registration: Secure sign-up and login functionality for event organizers and participants.
2. Event Creation and Management: Features for creating, editing, and deleting events, including setting event details and managing participant lists.
3. Ticket Booking System: Integration of a ticketing module for event reservations, payments, and tracking attendee status.
4. Admin Dashboard: A control panel for administrators to oversee event activities, manage users, and generate reports.
5. Notification and Communication System: Real-time updates and notifications for participants and organizers, including email alerts.
6. Database Integration: Efficient data storage and retrieval system using MySQL for user information, event details, and booking records.

IMPORTANCE/MOTIVATION OF THE PROBLEM

The growing complexity of event management, coupled with the demand for seamless execution, highlights the need for an efficient and reliable system. Traditional methods often involve manual processes that are prone to errors, time-consuming, and difficult to scale. As events become larger and more frequent, the challenges of managing participant data, coordinating schedules, and ensuring effective communication have intensified. This project is motivated by the necessity to reduce these inefficiencies, enhance user experience, and provide a centralized platform for organizing events. By automating key tasks and offering real-time data access, the system aims to minimize logistical hurdles and ensure that events are executed smoothly, benefiting both organizers and participants. Additionally, the digitalization of event management processes aligns with the broader trend of leveraging technology to streamline operations across various industries.

HARDWARE AND SOFTWARE TOOLS TO BE USED

Hardware:

1. Personal Computer/Laptop: For development, testing, and deployment of the event management system.
2. Web Server (optional): For hosting the application, either on a local server or through a cloud-based service.
3. Network Devices: Routers, switches, and other networking equipment for testing online functionality.

Software:

1. PHP: The core scripting language used to develop the backend of the event management system.
2. MySQL: A relational database management system for storing and managing event-related data.
3. Apache/Nginx: Web server software for serving the application and handling HTTP requests.
4. HTML, CSS, JavaScript: Frontend technologies used to build and style the user interface.
5. PHPMyAdmin: A tool for managing MySQL databases through a web interface.
6. XAMPP/WAMP: Integrated development environments for PHP, MySQL, and Apache, used for local development and testing.
7. Version Control (Git): For tracking changes in the project's codebase and collaborating with team members.

MEETING SCHEDULE WITH GUIDE

Sl.	Date	Group Members Present
1.	26/7/2024	Sougata Mukherjee
2.	29/7/2024	Sougata Mukherjee, Subrata Mondal, Aishani Manik, Tiyaasha Das
3.	8/8/2024	Subrata Mondal, Aishani Manik

REFERENCES

- i) <https://stackoverflow.com>
- ii) <https://www.w3schools.com>
- iii) <https://getbootstrap.com>
- iv) <https://docs.phpmyadmin.net>

SIGNATURES OF GUIDE, STUDENTS(WITH MAKAUT ROLL-NUMBER) & HOD-CA

<u>Sl.</u>	<u>Group Members</u>	<u>URL</u>	<u>Signature</u>
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