CAMPUS EVENT MANAGEMENT SYSTEM

- ## INTRODUCTION: -

The Campus Event Management System is a software application designed to streamline the process of organizing and managing events on a college or university campus. Its purpose is to provide a user-friendly interface for event organizers to create, manage, and promote events.

The system serves several stakeholders, including:

1. **Event organizers**: They use the system to create and manage events, including setting event details such as the name, date, time, location, description, and any associated files or images.
2. **Attendees:** They use the system to view event details and receive notifications about event updates
3. **IT staff:** They use the system to ensure that it is properly installed and configured, and to provide ongoing maintenance and support.

Overall, the Campus Event Management System is designed to simplify the event management process and make it easier for all stakeholders to participate in campus events. By providing a central platform for event organization and management, the system helps to improve attendance and engagement, while also reducing the administrative burden on event organizers and administrators.

- # SYSTEM ARCHITECTURE: -

The architecture of the Campus Event Management System is designed to be a web-based application that is hosted on a server and accessible through a web browser. The system consists of several software components, hardware requirements, and dependencies, including:

1. **Software components:**
    - Front-end interface: This is the user-facing part of the system that allows event organizers and attendees to interact with the system through a web browser.
    - Back-end server: This component handles the processing and storage of data, as well as the communication between the front-end interface and the database.
    - Database: This component stores all the data related to the events, attendees, and other system information.

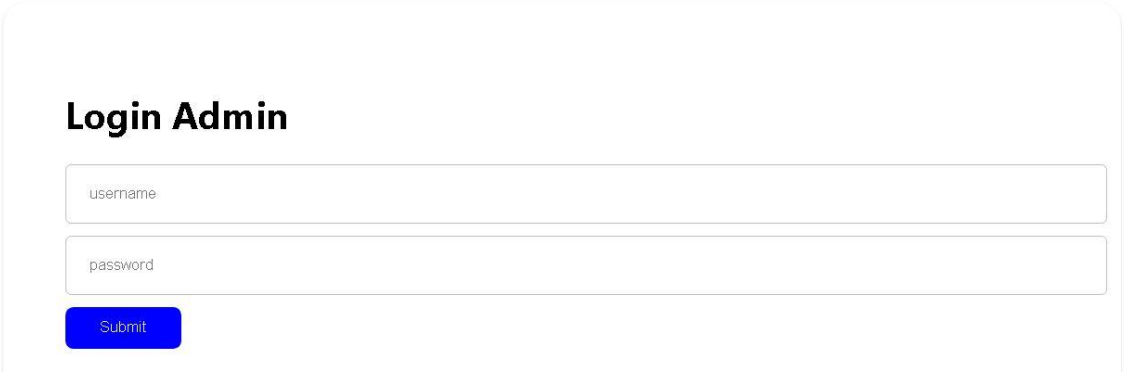
2. **Hardware requirements:**
    - Server: The system requires a server with sufficient processing power, memory, and storage to handle the expected traffic and data volume. The server should also be equipped with a reliable internet connection.
    - Client devices: The front-end interface can be accessed through any device with a web browser, including desktops, laptops, tablets, and smartphones.

3. **Dependencies:**
    - Database management system: The system relies on a database management system, such as NoSQL like Mongo dB, to store and manage data.
    - Programming languages and frameworks: The system is built using programming languages such as HTML, CSS, JavaScript, as well as web development frameworks such as express.js.

- # USER GUIDE: -

The Campus Event Management System is a web-based application designed to help campus organizers manage events effectively. Here is a step-by-step user guide on how to use the system:

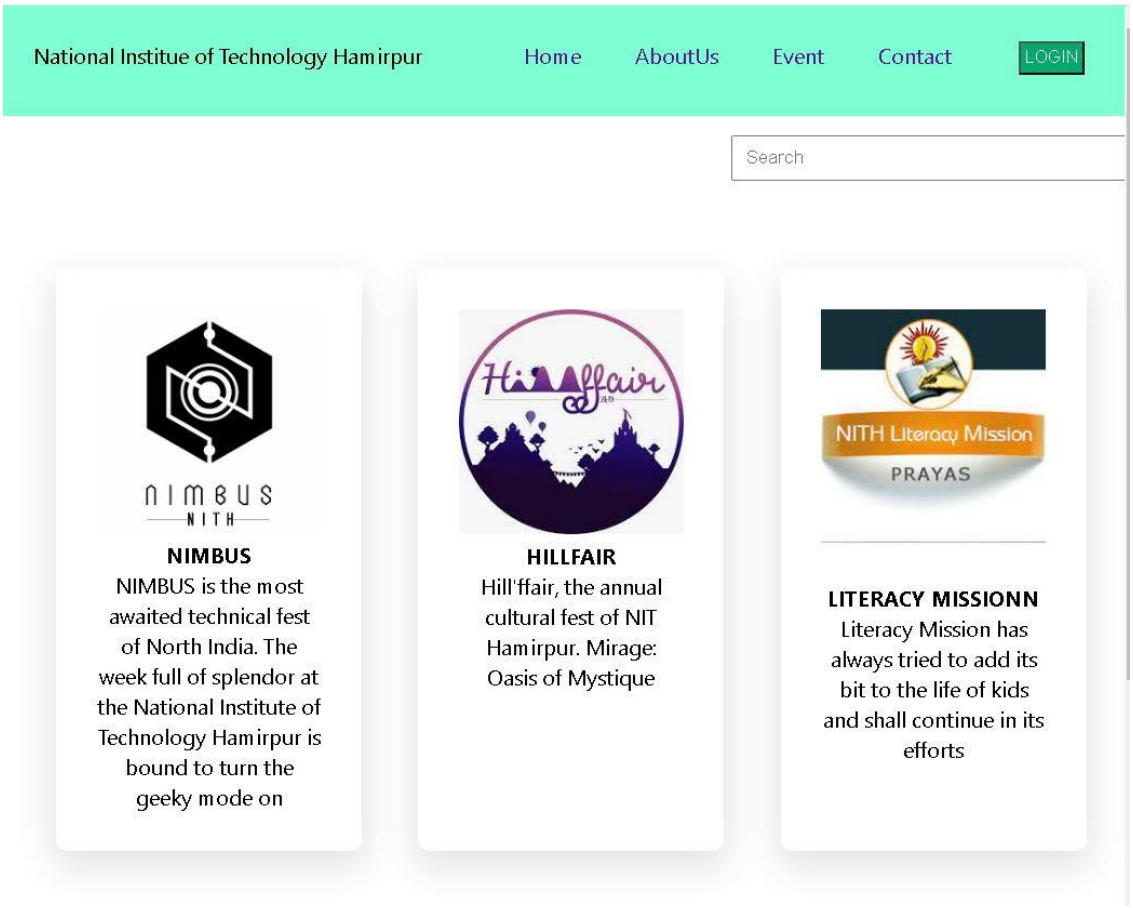
1. **Login:** To use the Campus Event Management System, you first need to login with your username and password. If you don't have an account, you can create one by clicking on the "Submit" button.



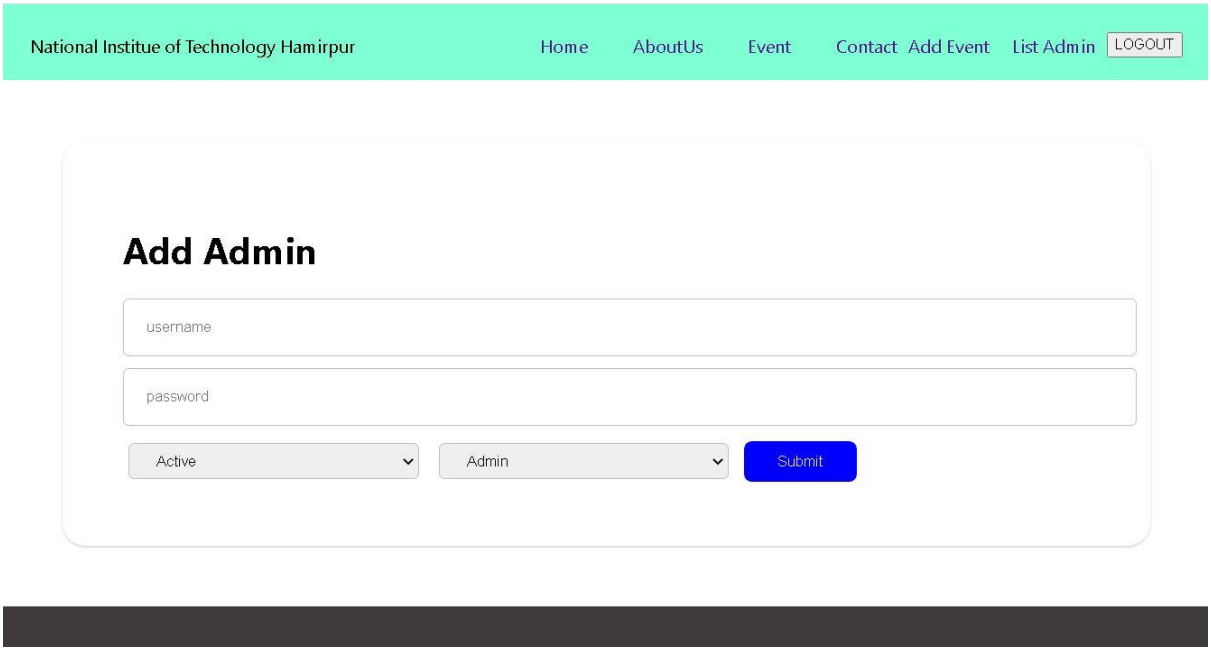
2. **Dashboard**: Once you login, you will be taken to the dashboard, which is the main page of the system. Here you will see an overview of all the events that have been created and a navigation menu to access different features.

3. **Create an event**: To create a new event, click on the "Create Event" button on the dashboard. You will be prompted to enter the event details, such as the event name, date, time, location, description, and any associated files or images. Once you have entered all the information, click on the "Save" button to create the event.

4. **Generate reports:** To generate reports on event trends and engagement, click on the "Reports" tab on the dashboard. Here you can select the event or date range you want to generate the report for and choose from different report types, such as attendance or feedback.



5. **Manage account:** To manage your account settings, click on the “Account” button on the navigation menu. Here you can edit your profile information, change your password, and update other admins.



6.More about clubs:

- **Technical REQUIREMENTS: -**

- A web server
- A NoSQL database like Mongo dB
- A modern web browser

Usage

Users can log in to the Campus Event Management System using their campus credentials. From there, they can create new events, view existing events, and register for events.

Event organizers can use the system to manage event details such as location, time, and attendees. They can also generate reports on event attendance.

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