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**University Event Management System**  
**Full Stack Development Project Documentation**

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<b>College ID</b>	NP03CS4A240235
<b>Module</b>	Full Stack Development
<b>Module Code</b>	5CS045
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## Project Links

College Server: <https://student.heraldcollege.edu.np/~np03cs4a240235/public/welcome.php>

GitHub Repository: <https://github.com/mirajanshrestha-cloud/University-Department-Event-Management.git>

## Login Credentials

### User Account

**Username:** mirajan\_shrestha

**Password:** #mirajan12

### Admin Account

**Username:** Deepson Shrestha

**Password:** #deepson12

## Features Implemented

### User Management

The system includes a comprehensive user-friendly platform for managing the events conducted in a University with login and register interface, followed by registration system of participants by the user (client) side and creation, view, update and deletion of the data by the admin member (server) side of the system.

### University Event Management

The application provides full event management functionality, allowing admins to create, view, edit, and delete events. It also allows the students/teachers to view and register for their events. Events are displayed with detailed information and include search and filtering capabilities for easy navigation. The events have a progress bar embedded in them for the amount of participants/seats allocated in the event. The search bar allows advanced and ajax search by searching keywords, categories and even auto-complete.

## Booking System

The user can easily register for the events on a friendly interface that aids to lesser crowds for registering for the events done in a traditional way. The admin can create, read, update and delete the events according to the university requirements. There is a special provision for logsheets where the admin member can have access on what events has the user registered for and at what date and time.

## General Features

The website features a responsive design that adapts to different screen sizes, database driven content management, comprehensive form validation for data integrity, and secure XSS attacks SQL queries to protect against injection attacks. The UI is clean and user-friendly, suitable for people of all age-groups.

## Known Issues and Planned Improvements

### To Be Fixed

Performance optimization for large event lists is planned to improve loading times and user experience. The email notification system and messaging platform has not yet been implemented but is scheduled for future development. The password reset functionality from the Forgot Password option is currently non-functional and requires implementation. Export to CSV feature is planned but not yet available.

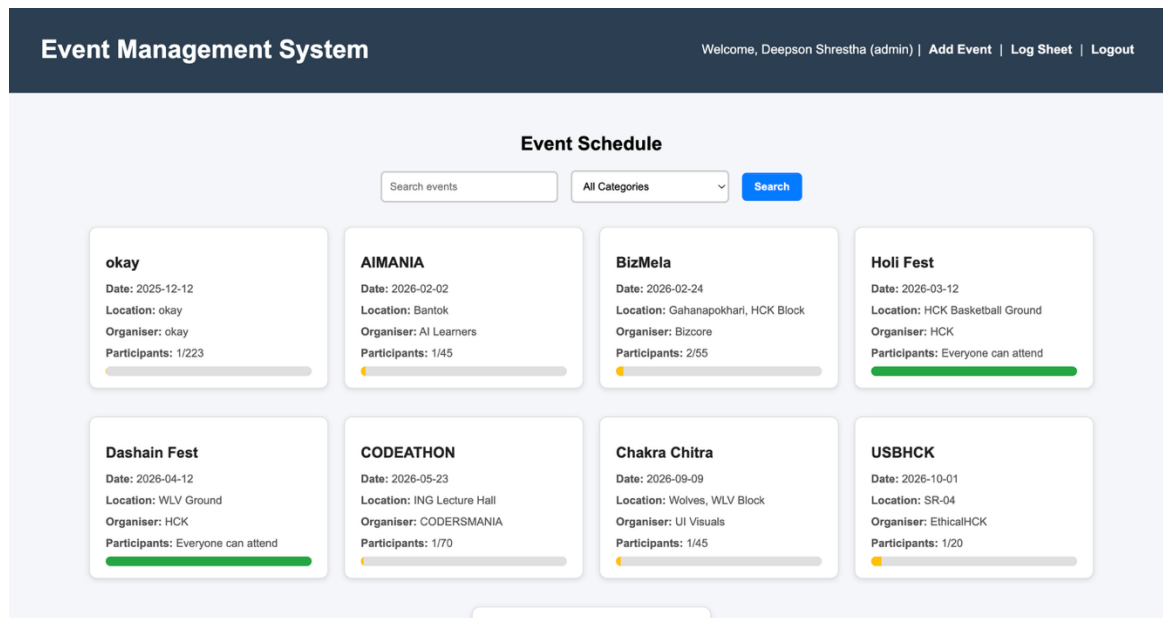
### Browser Compatibility

The application has been tested and verified to work properly on the latest versions of Google Chrome, Microsoft Edge and Safari browsers.

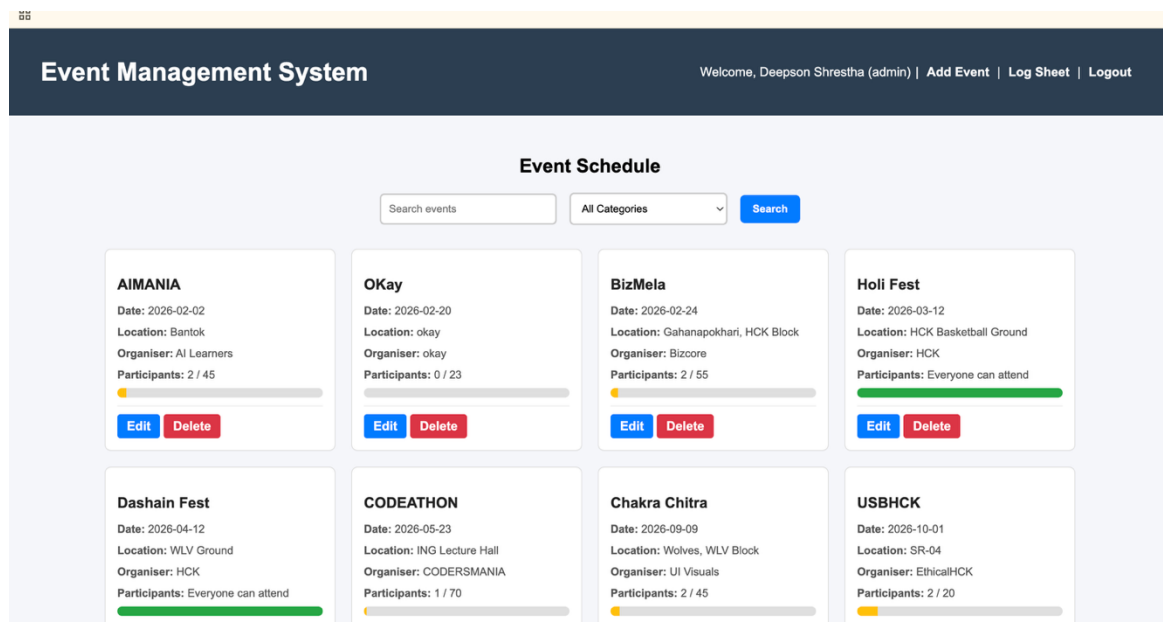
# Application Screenshots

Admin Side:

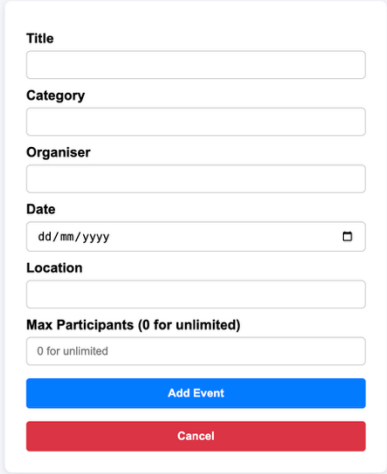
Main Pannel:



Hidden cards shown for updating, deleting and registering events:



## Add Events Pannel:




A form for adding a new event. It contains several input fields and two buttons at the bottom.

**Title**

**Category**

**Organiser**

**Date**  
 

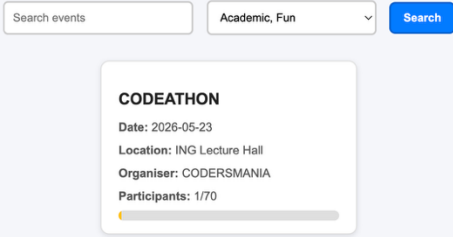
**Location**

**Max Participants (0 for unlimited)**


**Add Event** (blue button)


**Cancel** (red button)

## Real Time and Category Search:



A search interface for events. It includes a search bar, a category dropdown, and a search button. Below the search bar is a card displaying event details.

Search events  Academic, Fun  **Search**

**CODEATHON**  
Date: 2026-05-23  
Location: ING Lecture Hall  
Organiser: CODERSMANIA  
Participants: 1/70  


## Particiapnts View Sheet:

### Participant Log Sheet

Event	Participant	Registered At
AIMANIA	Deepson Shrestha	2026-02-01 16:41:46
BizMela	Deepson Shrestha	2026-02-01 15:07:46
BizMela	mirajan_shrestha	2026-02-03 00:10:22
Chakra Chitra	Deepson Shrestha	2026-02-01 15:07:52
CODEATHON	Deepson Shrestha	2026-02-01 16:48:43
Dashain Fest	Deepson Shrestha	2026-02-01 15:35:46
DEVFEST	Deepson Shrestha	2026-02-01 15:07:36
FUNkey	Rean	2026-02-01 13:55:22
FUNUS	Deepson Shrestha	2026-02-01 14:00:04
FUNUS	mirajan_shrestha	2026-02-01 14:01:41
Holi Fest	Deepson Shrestha	2026-02-01 15:35:41
okay	mirajan_shrestha	2026-02-02 22:51:23
USBHCK	Deepson Shrestha	2026-02-01 14:29:49

## Edit/Update Events:

## Event Management System

Welcome, Deepson Shrestha (admin) | [Logout](#)

Title

Holi Fest

Category

Festive

Organiser

Event Date

12/03/2026

Location

HCK Basketball Ground

Update Event

Cancel

## Client Side: Main Pannel:

Event Management System

Welcome, mirajan\_shrestha (user) | Logout

### Event Schedule

All Categories

Search

**okay**  
Date: 2025-12-12  
Location: okay  
Organiser: okay  
Participants: 1/223

**AIMANIA**  
Date: 2026-02-02  
Location: Bantok  
Organiser: AI Learners  
Participants: 1/45

**BizMela**  
Date: 2026-02-24  
Location: Gahanapokhari, HCK Block  
Organiser: Bizcore  
Participants: 2/55

**Holi Fest**  
Date: 2026-03-12  
Location: HCK Basketball Ground  
Organiser: HCK  
Participants: Everyone can attend

**Dashain Fest**  
Date: 2026-04-12  
Location: WLV Ground  
Organiser: HCK  
Participants: Everyone can attend

**CODEATHON**  
Date: 2026-05-23  
Location: ING Lecture Hall  
Organiser: CODERSMANIA  
Participants: 1/70

**Chakra Chitra**  
Date: 2026-09-09  
Location: Wolves, WLV Block  
Organiser: UI Visuals  
Participants: 1/45

**USBHCK**  
Date: 2026-10-01  
Location: SR-04  
Organiser: EthicalHCK  
Participants: 1/20

## Hidden cards shown for updating, deleting and registering events:

All Categories

Search

**okay**  
Date: 2025-12-12  
Location: okay  
Organiser: okay  
Participants: 1/223

Registered

**AIMANIA**  
Date: 2026-02-02  
Location: Bantok  
Organiser: AI Learners  
Participants: 1/45

Register

**BizMela**  
Date: 2026-02-24  
Location: Gahanapokhari, HCK Block  
Organiser: Bizcore  
Participants: 2/55

Registered

**Holi Fest**  
Date: 2026-03-12  
Location: HCK Basketball Ground  
Organiser: HCK  
Participants: Everyone can attend

Register