

D. Y. Patil College of Engineering and Technology, Kolhapur
Department of Computer Science & Engineering

Class: SY-A

Subject: AOOC

Experiment no: 15

Group No. G2

Mini Project

Title of Mini - Project: EVENT MANAGEMENT SYSTEM

Problem Statement:

Manual event planning is time-consuming, error-prone & lack centralized co-ordination and tracking capabilities.

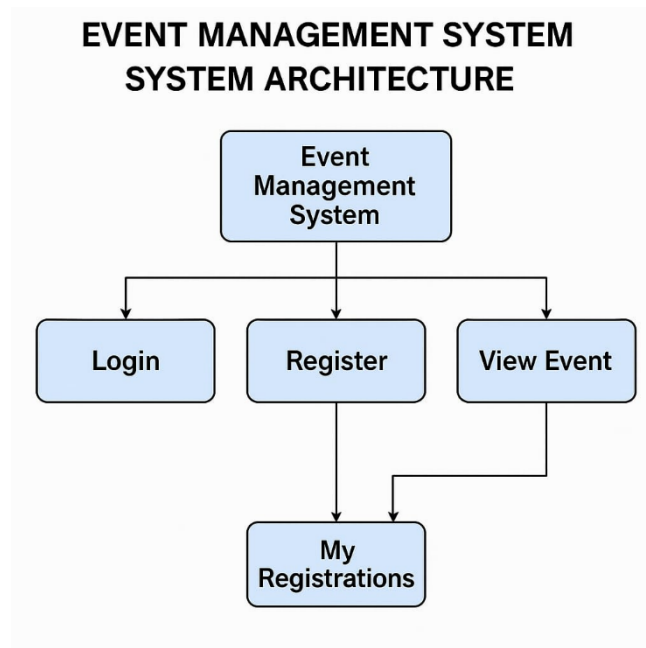
Introduction

The Event Management System is a desktop-based application developed using Java Swing that aims to streamline and automate the planning, scheduling, and coordination of various events such as seminars, workshops, cultural programs, and corporate gatherings. Traditional event management often involves manual processes that are time-consuming and prone to errors. This project addresses those challenges by offering a user-friendly interface to manage event-related tasks efficiently.

This system provides modules for event creation, participant registration, venue management, and schedule tracking, all integrated within a single platform. The use of Java Swing ensures a responsive and interactive GUI, making it easy for users to navigate and operate the application. The system is designed for administrators and coordinators who need to manage multiple events simultaneously with accuracy and minimal effort.

With a focus on efficiency, organization, and usability, the Event Management System serves as a practical solution for institutions, colleges, or companies looking to digitize their event operations.

System Architecture:



Module description or working of system:

The Event Management System is divided into several functional modules, each responsible for specific operations. Here's a brief overview of each module and its working:

1. Login Module

- Provides secure access to the system.
- Validates user credentials.
- Allows only authorized users (like admin or coordinator) to access core functionalities.

2. Dashboard Module

- Acts as the control centre for the user.
- Displays navigation options to access different modules like events, participants, and reports.

3. Event Management Module

- Allows users to create, edit, delete, and view events.

- Includes fields such as event name, date, time, venue, and description.
 - Stores all event details in the database.
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4. Participant Registration Module

- Enables users to register participants for selected events.
 - Captures participant details like name, email, contact number, and selected event.
 - Links participants to events in the database.
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5. Schedule Management Module

- Manages event timings and venues to avoid overlaps.
 - Displays a calendar or list view of scheduled events.
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6. Report Generation Module

- Generates reports of events, participants, and schedules.
 - Allows viewing and exporting reports for administrative use.
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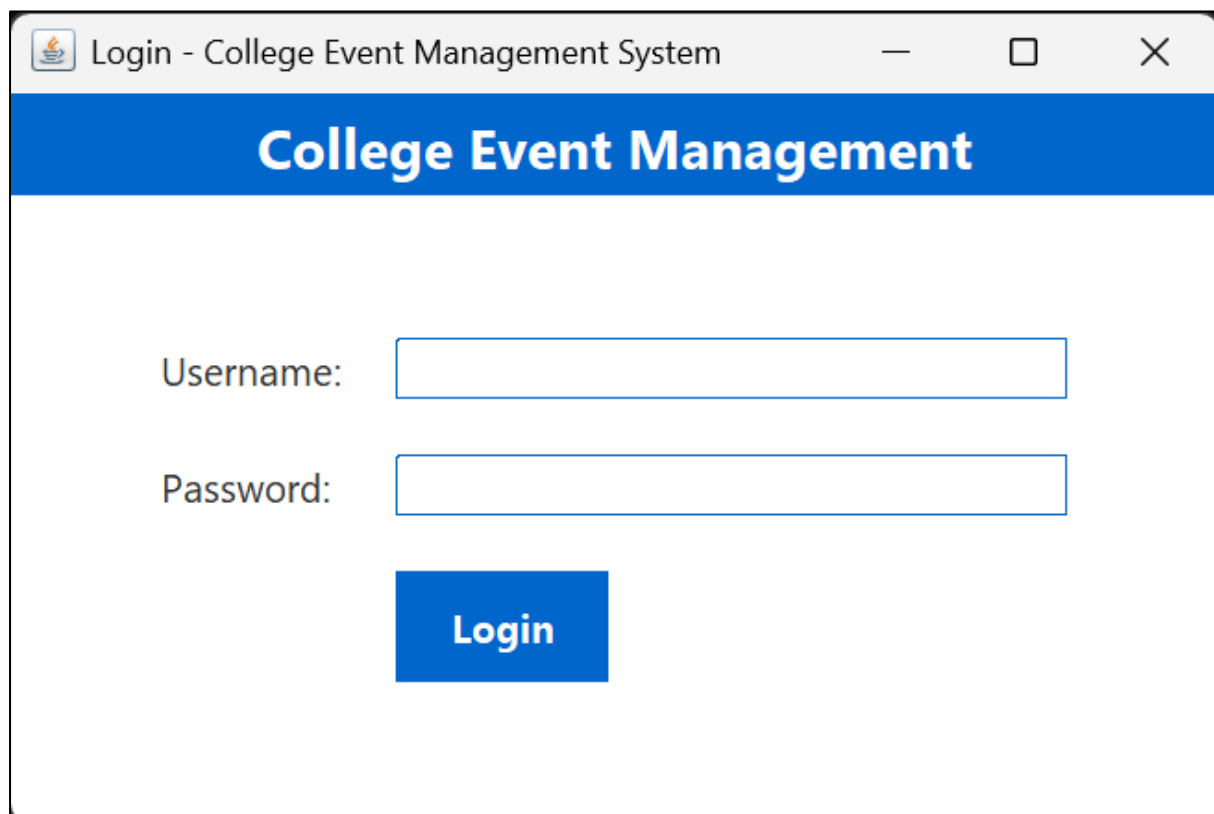
7. Database Module

- Handles backend data storage using a relational database.
 - Performs CRUD operations through JDBC connectivity.
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Working Flow

1. User logs in to the system.
2. Accesses the Dashboard to choose tasks.
3. Creates or edits event details.
4. Registers participants under specific events.
5. Manages event schedule to avoid conflicts.
6. Views or exports reports as needed.

Screenshots:

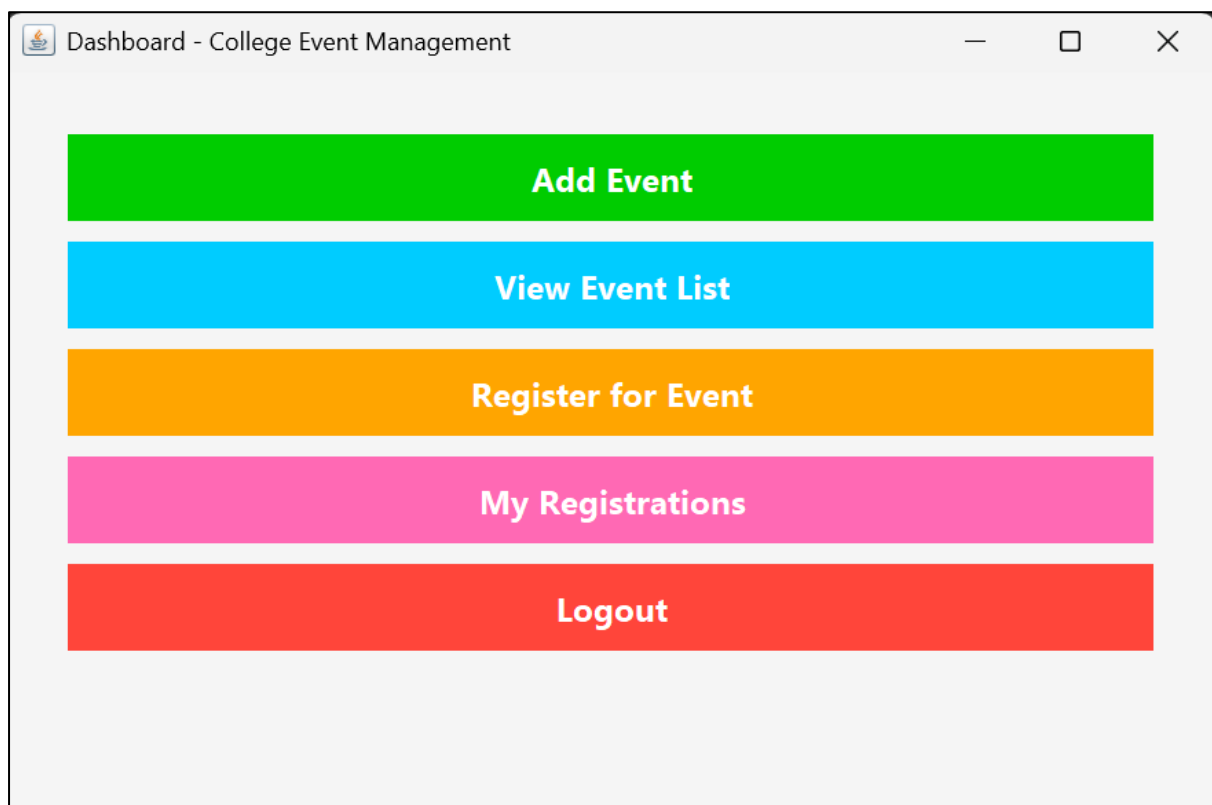


The screenshot shows a web browser window titled "Login - College Event Management System". The page has a blue header with the text "College Event Management". Below the header, there are two input fields: "Username:" and "Password:". Below the password field is a blue button labeled "Login".

Username:

Password:

Login



The screenshot shows a web browser window titled "Dashboard - College Event Management". The page displays a vertical list of five colored buttons: "Add Event" (green), "View Event List" (blue), "Register for Event" (orange), "My Registrations" (pink), and "Logout" (red).


Add Event

View Event List

Register for Event

My Registrations

Logout

 Add Event - College Event Management


Event Name:

Event Date (yyyy-mm-dd):

Event Venue:

Save Event

Back to Dashboard

 Event List - College Event Management

Event List		
Event Name	Date	Location
Tech Conference	15-06-2025	Auditorium
Sports Meet	20-06-2025	Ground
Cultural Fest	25-06-2025	Main Hall
Back to Dashboard		

Register for Event - College Event Management

—□×

Event Registration

Select Event:

Register

Back to Dashboard

My Registrations - College Event Management

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My Registered Events

Event Name	Date	Status
Tech Talk	2025-03-15	Registered
Code Sprint	2025-03-16	Confirmed
Webinar	2025-03-20	Pending

Back to Dashboard

Group Members:

Unique ID	Roll No	Name of Student	Sign
EN23144009	13	Varad Ramchandra Patil	
EN23204129	21	Sakshi Lahuraj Pawar	
EN23165668	22	Daksha Rajkumar Patil	
EN23186138	24	Shravni Shrikant Patil	
EN23202071	25	Shreya Shrishail Kakade	