



EVENTS MANAGEMENT SYSTEM

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1.1 Problem Statement and project Scope

Problem Statement:

Event management is a common requirement for organizations, educational institutions, and community groups. Managing event details manually or through spreadsheets can be inefficient and error-prone, especially when events need regular updates. A simple, user-friendly web-based system for organizing events could save time, reduce errors, and improve event coordination.

Project Scope:

This project aims to develop a web-based Event Management System to allow users to manage event information, including the event name, location, date, and organizer. It will support CRUD operations to create, view, update, and delete event records, providing a straightforward way to manage events in real time. This scope includes designing a database, building the web interface, and implementing functionality for efficient event management.

1.2 Project Plan and Schedule

- Week 1: Requirements Gathering
- Week 2: System Analysis and Planning
- Week 3: System Design
- Weeks 4-5: System Implementation
- Week 6: Testing and Debugging

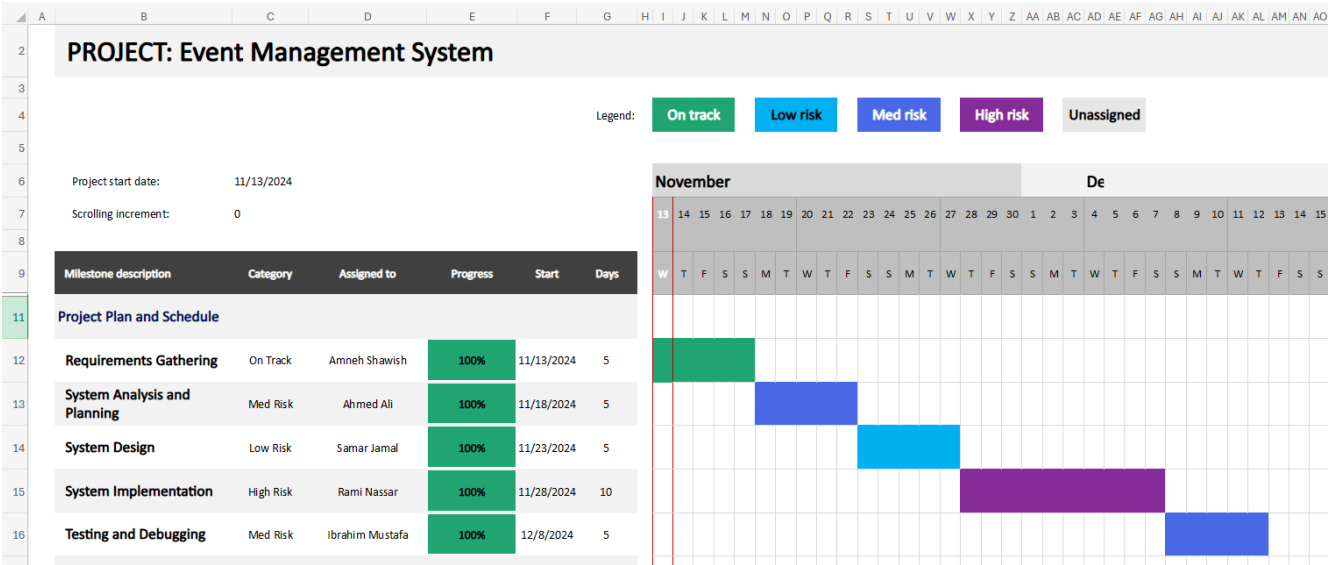


Figure 1: Gantt Chart of Project

2. System Analysis

2.1 Functional Requirements

1. Add Event

Allows users to create new events in the system by entering details such as the event name, location, date, and organizer. Users enter the event details in the form fields and click the “Add” button to save the information to the database.

2. View Event

Displays a list of all events stored in the system, allowing users to view event details. The system fetches and displays each event’s details in a table format.

3. Edit Event

Enables users to update information for a specific event. Users select an event from the list, update the necessary fields, and submit the changes. The system validates and updates the event record in the database.

4. Delete Event

Allows users to remove an event from the system. Users will click on the “Delete” button for a specific event.

2.2 Use Case Diagram

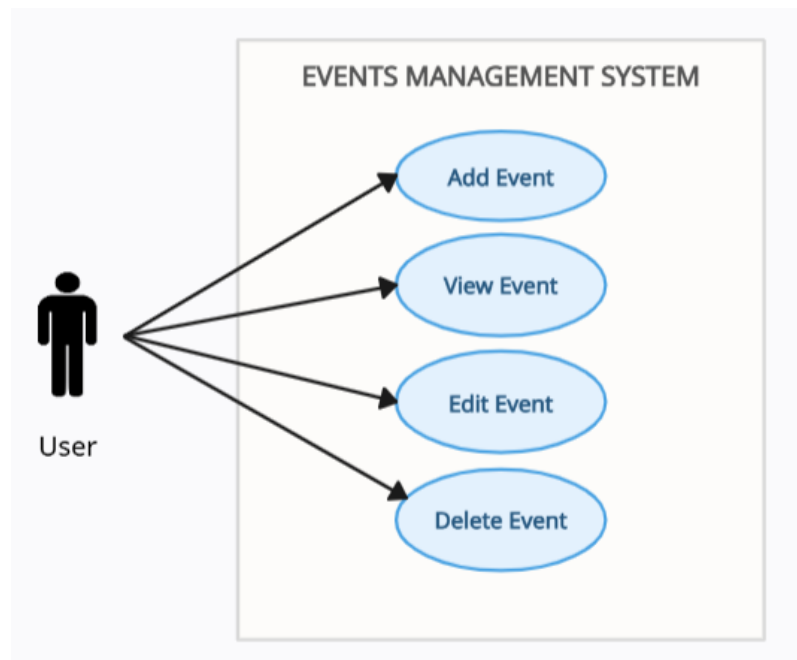


Figure 2: Use Case Diagram of System

3. System Design

3.1 Class Diagram

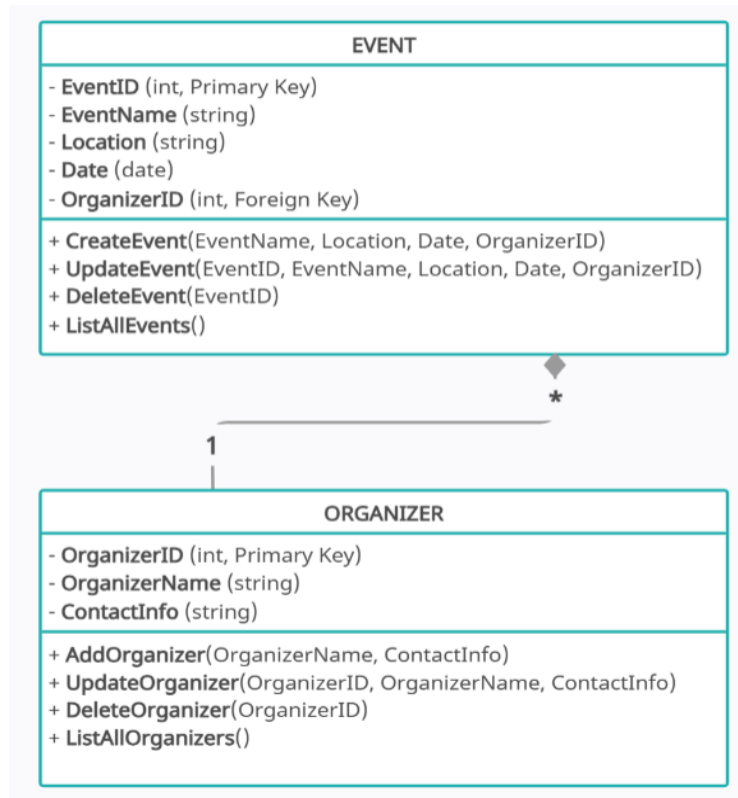


Figure 3: Class Diagram of System

3.2 ER-Diagram

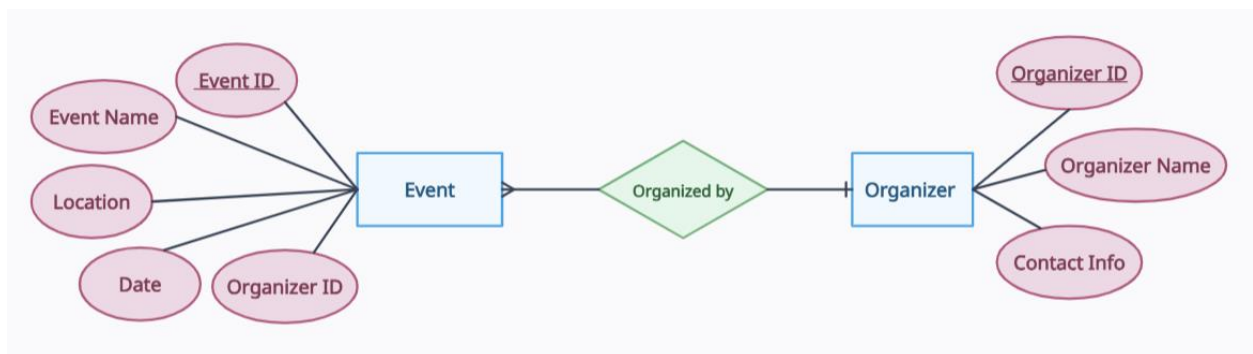


Figure 4: ER Diagram of System

3.3 User Interface

Add New

Events List

ID	Event Name	Location	Date	Organizer	Actions	
1	Graduation Ceremony	Main Auditorium	2023-11-12	Amneh Shawish	Edit	Delete
2	Science Fair	Main Hall	2023-12-01	Omar Abed	Edit	Delete
3	Spring Sports Tournament	University Sports Complex	2024-01-15	Kareem Omar	Edit	Delete
4	Music Festival	Outdoor Arena	2024-02-25	Laila Omar	Edit	Delete

Figure 5: Main UI of Events Managements System

Add Event

Event Name:

Location:

Date:

mm/dd/yyyy

Organizer:

Add Event

Figure 6: Add New Event Form