

RIPHAH INTERNATIONAL UNIVERSITY



Programming Fundamental
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EVENT MANAGEMENT SYSTEM

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Project Title:

Event Management System

Introduction of Project

The Event Management System is a simple C++ program that helps manage events, venues, and attendees. It allows users to easily add, update, view, and delete details about venues, events, and attendees. The system makes event planning easier by organizing the information clearly and providing a simple menu to use.

Problem Statement:

Managing events, venues, and attendee lists manually can be time-consuming, error-prone, and inefficient. This system addresses the following issues:

- Manual tracking of events and venues causes disorganization.
- Updating records on paper requires significant effort.
- Lack of a digital solution makes event attendee management challenging.

The proposed Event Management System aims to digitize and automate these tasks.

4. Project Scope

The Event Management System is built to:

1. Allow users to add, view, update, and delete event venues.
 2. Enable users to manage events associated with specific venues, including their names, dates, and times.
 3. Manage event attendees, providing options to add, view, and delete attendee details.
 4. Support a maximum of:
 - 10 venues
 - 10 events
 - 20 attendees
-

5. Modules

The project is divided into the following modules:

1. Venue Management

- Add Venue
- View Venues
- Update Venue
- Delete Venue

2. Event Management

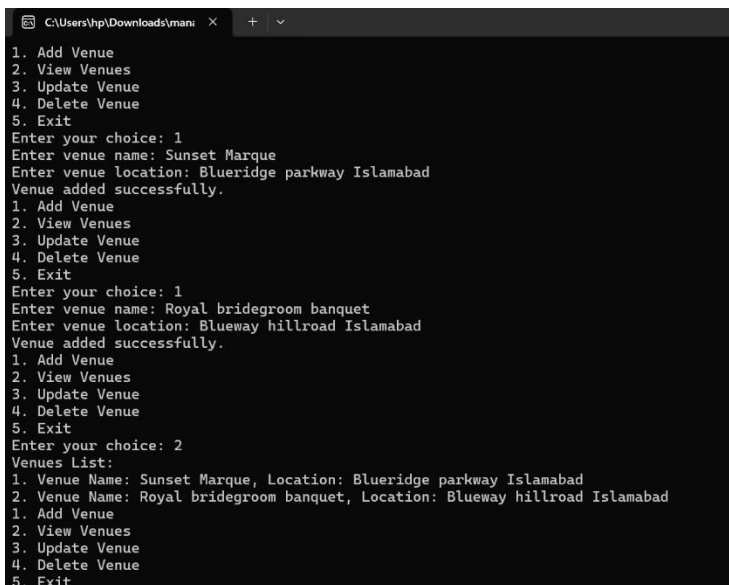
- Add Event
- View Events
- Update Event
- Delete Event

3. Attendee Management

- Add Attendees
- View Attendees
- Update Attendees
- Delete Attendees

6. Screenshots of Modules:

1. Venue:



```
C:\Users\hp\Downloads\main
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
Enter your choice: 1
Enter venue name: Sunset Marque
Enter venue location: Blueridge parkway Islamabad
Venue added successfully.
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
Enter your choice: 1
Enter venue name: Royal bridegroom banquet
Enter venue location: Blueway hillroad Islamabad
Venue added successfully.
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
Enter your choice: 2
Venues List:
1. Venue Name: Sunset Marque, Location: Blueridge parkway Islamabad
2. Venue Name: Royal bridegroom banquet, Location: Blueway hillroad Islamabad
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
```

```

Enter your choice: 3
Enter venue ID to update (1 to 2): 2
Enter new venue name: Sunshine Grand Marque
Enter new venue location: Greenland ghourigardem Islamabad
Venue is updated successfully.
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
Enter your choice: 4
Enter venue ID to delete (1 to 2): 2
Venue is deleted successfully.
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
Enter your choice: 2
Venues List:
1. Venue Name: Sunset Marque, Location: Blueridge parkway Islamabad
1. Add Venue
2. View Venues
3. Update Venue
4. Delete Venue
5. Exit
Enter your choice: 5

-----
Process exited after 173 seconds with return value 0
Press any key to continue . . . |

```

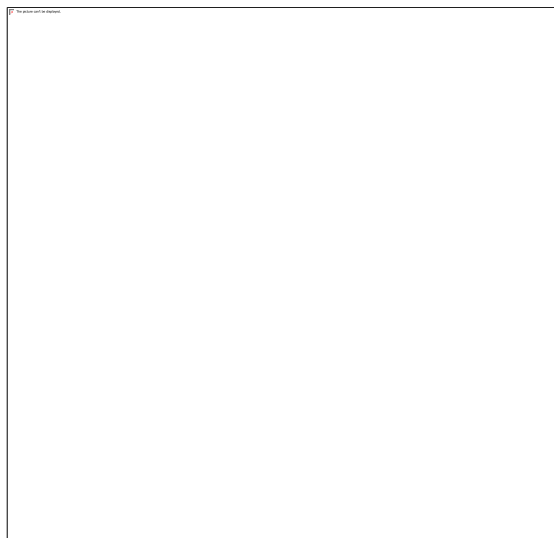
2. Event

```

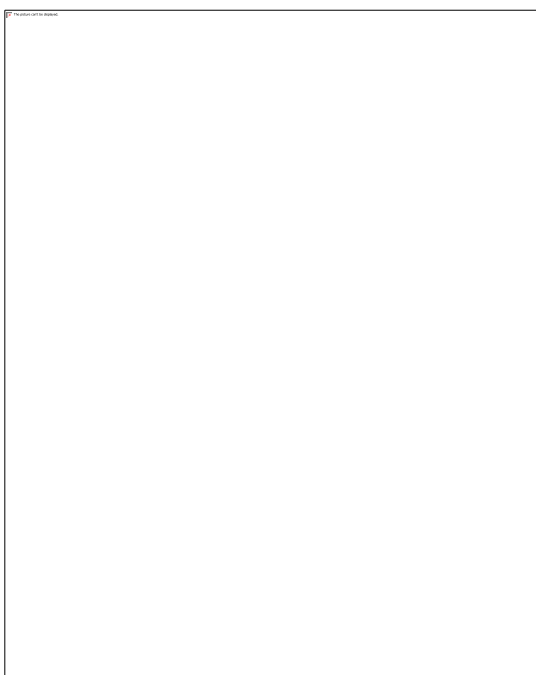
C:\Users\HP\Desktop\1_Eman x + v
1. Add Event
2. View Events
3. Update Event
4. Delete Event
5. Exit
Enter your choice: 1
Enter event name: Mehandi
Enter event date: 26-12-24
Enter event time: 7:00 p.m
Event added successfully.
1. Add Event
2. View Events
3. Update Event
4. Delete Event
5. Exit
Enter your choice: 1
Enter event name: barat
Enter event date: 27-12-24
Enter event time: 9:00 p.m
Event added successfully.
1. Add Event
2. View Events
3. Update Event
4. Delete Event
5. Exit
Enter your choice: 1
Enter event name: Walima
Enter event date: 28-12-24
Enter event time: 8:00mp.m
Event added successfully.
1. Add Event
2. View Events
3. Update Event

```

```
C:\Users\HP\Desktop\1_Eman >
4. Delete Event
5. Exit
Enter your choice: 2
Events List:
1. Event Name: Mehandi, Date: 26-12-24, Time: 7:00 p.m
2. Event Name: barat, Date: 27-12-24, Time: 9:00 p.m
3. Event Name: Walima, Date: 28-12-24, Time: 8:00mp.m
1. Add Event
2. View Events
3. Update Event
4. Delete Event
5. Exit
Enter your choice: 3
Enter event ID to update (1 to 3): 2
Enter new event name: walima
Enter new event date: 29-12-24
Enter new event time: 2:00np.m
Event updated successfully.
1. Add Event
2. View Events
3. Update Event
4. Delete Event
5. Exit
Enter your choice: 2
Events List:
1. Event Name: Mehandi, Date: 26-12-24, Time: 7:00 p.m
2. Event Name: walima, Date: 29-12-24, Time: 2:00np.m
3. Event Name: Walima, Date: 28-12-24, Time: 8:00mp.m
1. Add Event
2. View Events
3. Update Event
4. Delete Event
5. Exit
```



3. Attendees:



7.Conclusion:

The Event Management System makes it easy to manage event venues, events, and attendees. It has a simple menu that helps users quickly update or delete records. This program is perfect for small event planning and can be improved in the future to handle more complex tasks.
