American International University – Bangladesh
Faculty of Engineering
Department of Computer Science and Engineering

Project Report

Course Name:	Object Oriented Programming 2
Semester:	Fall 2023-2024
Section:	F
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Project Name: TriVision Events. (cherish every moment, we make magic happen!)

1. Objectives

The C# Event Management System has clear goals to make event planning easy and efficient. Users can log in securely and create events with details like the name, date, and venue. Attendees can easily register and get tickets. Organizers can keep track of attendees and manage event locations and schedules. The system allows for real-time communication and ensures events stay within the budget. It also helps with marketing and provides insights into attendee engagement. The system works on different devices and integrates with other services while keeping everything secure. It can grow with more users and events, and feedback from users helps make it better over time. In simple terms, it is a tool to make organizing and attending events smoother and more enjoyable for everyone involved.

1.Scope

- Help people find event-related work to reduce unemployment.

- Create a platform for organizing events from anywhere.

- Make an easy-to-use system for planning events.

- Ensure a safe and secure space for freelancers working on events.

- Keep user information private and secure during the event planning process.

3. Proposed System

Introducing our Event Management System (EMS), an ultramodern solution for modern event planning. Designed for simplicity and efficiency, EMS streamlines event creation, management, and coordination. With user-friendly features, it helps easy input of event details, seamless registrations, and customizable agendas

Key functionalities include robust registration and ticketing, real-time communication tools, and advanced security measures to ensure user privacy. The system covers diverse aspects, from budget management to marketing tools, supplying comprehensive event planning experience.

EMS goes beyond logistics, fostering an interactive environment where attendees can register, access event details, and offer feedback. Join us in embracing a new era of digitalized and interconnected event planning, where efficiency and user satisfaction take center stage.

ER Diagram
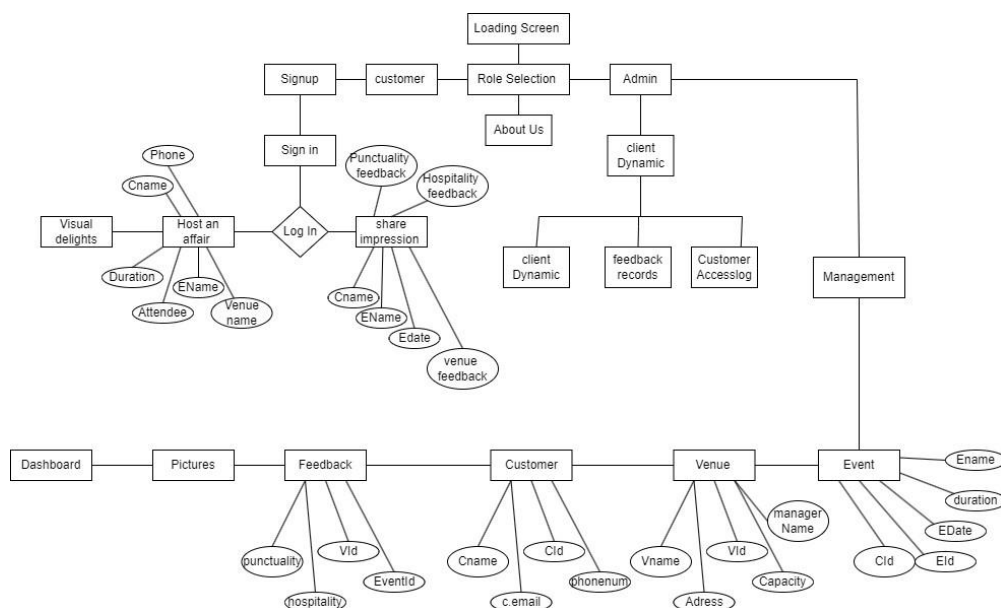
4. Functional Requirements

Loading form :

Role selection :

• In this form, one can select his/her role, whether he/she is a customer or an admin.
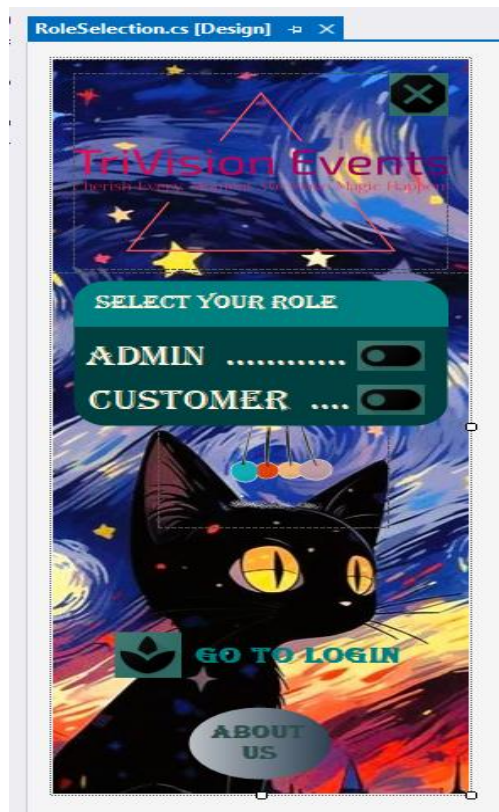
About Us :

- Here user can see the team information .
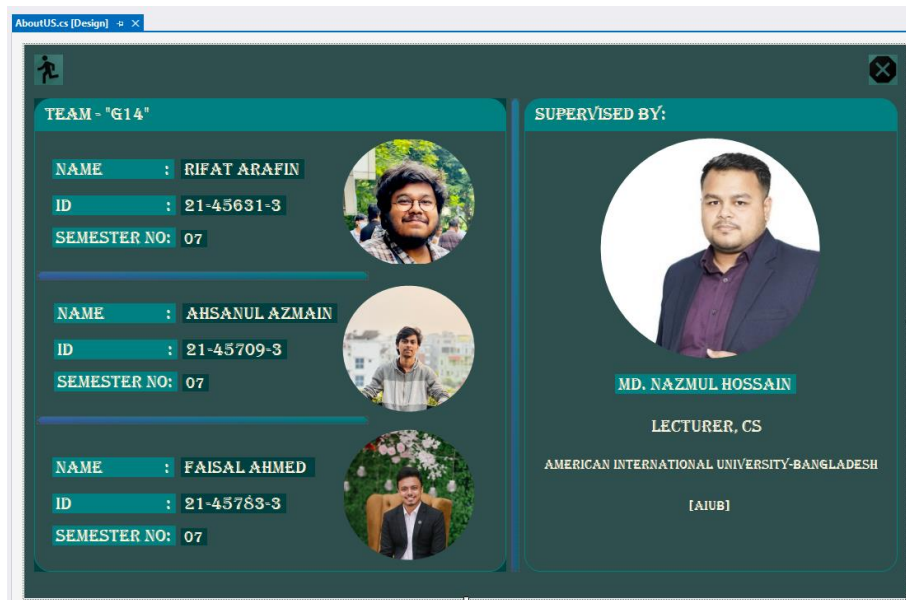
Customer :

4.1 Log In:

- The system features a log-in mechanism requiring a username and password for customer .

4.2 Signup :

- If the customer is not registered, he/she can register in the signup form. The signup form requires some information such as name, email, and password.

4.3 Hosting :

- In this form customer can host a event where customer have to give his name such as his name and phone number .
- After that customer have to provide information about event name , venue name , Date , attendee count , duration .

4.4 Give Feedback:

- In this form customer can rate the event (such as venue/punctuality/ hospitality is Bad , Ok , Good , Excellent)

4.5 Showcase:

- Customer can see the events photos here .
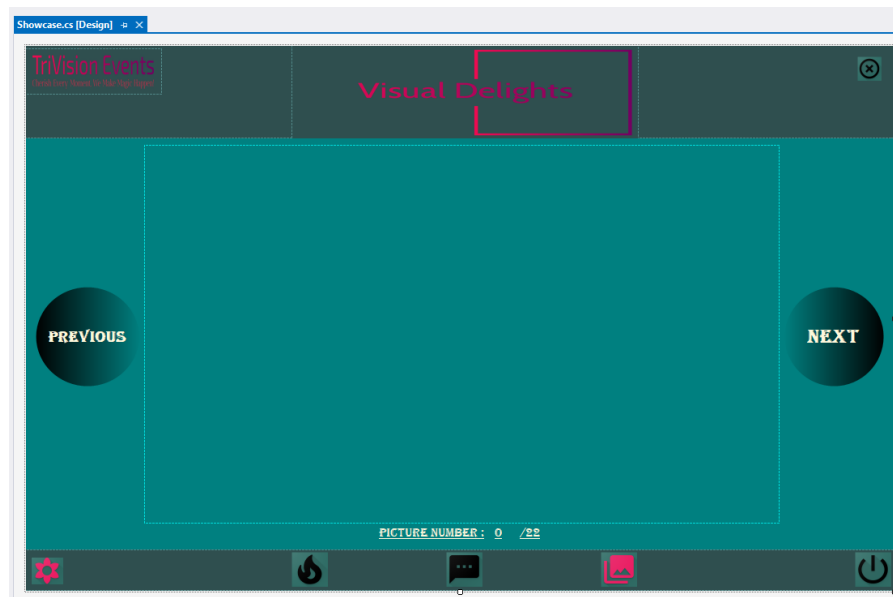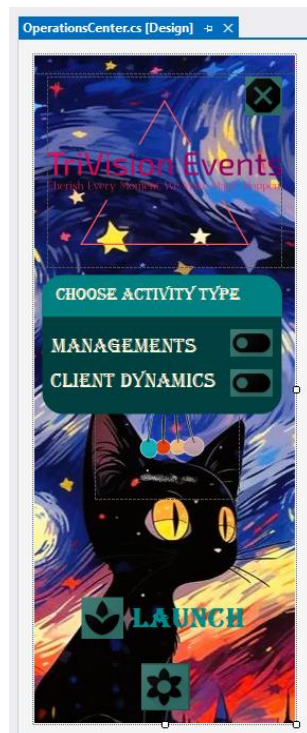
Admin :

Login :

- Admin have to provide required information to login
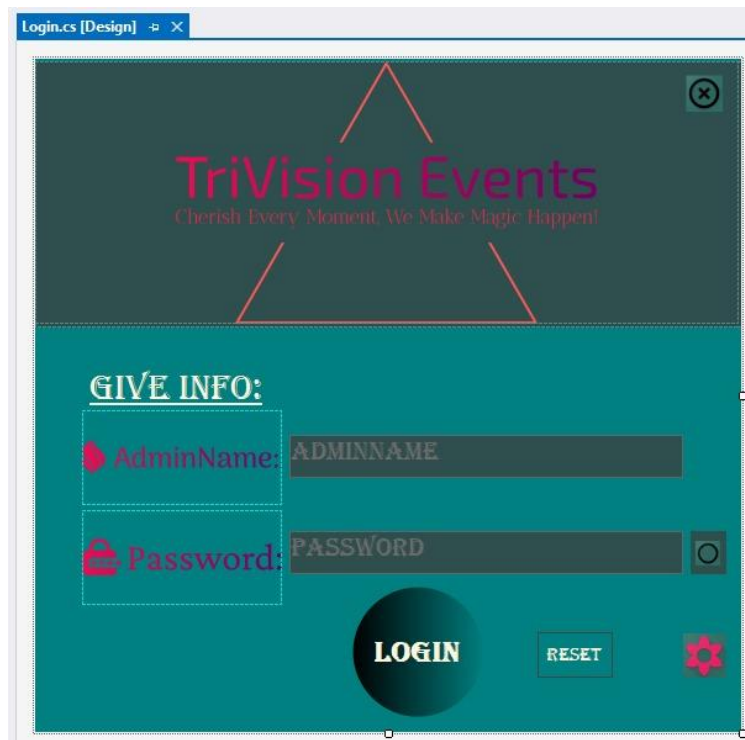
Operations center :
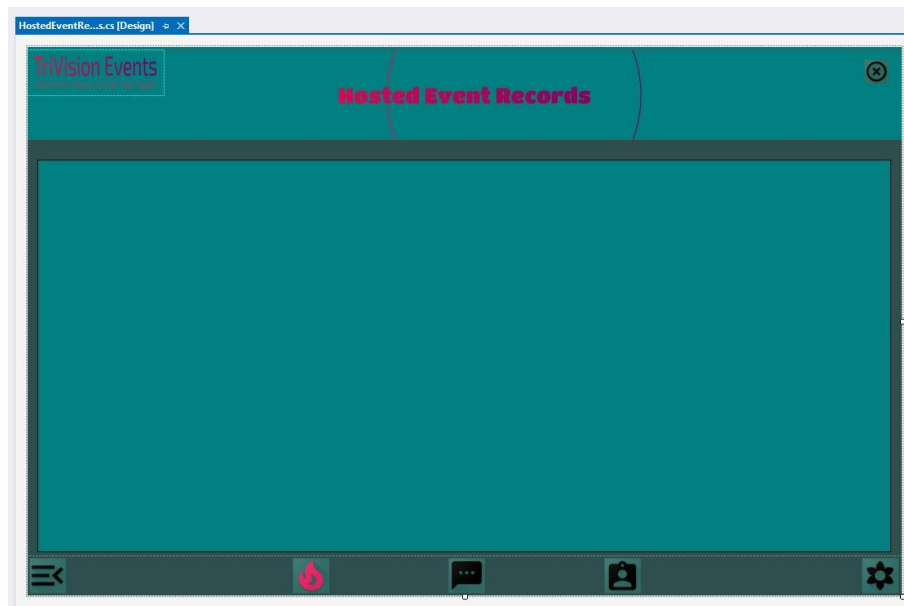
- Admin can go to the management interface or client interface .

Hosted Event Record :

- In this form, the admin can view records of events hosted by customers.

Event

- In this form admin can manage events here .

Venues :

- In this form admin will store the venues information

Manage customer :

- In this form admin stored the customer information

Loging Customer :

- Admin can view the information of the customer who has logged into the system.
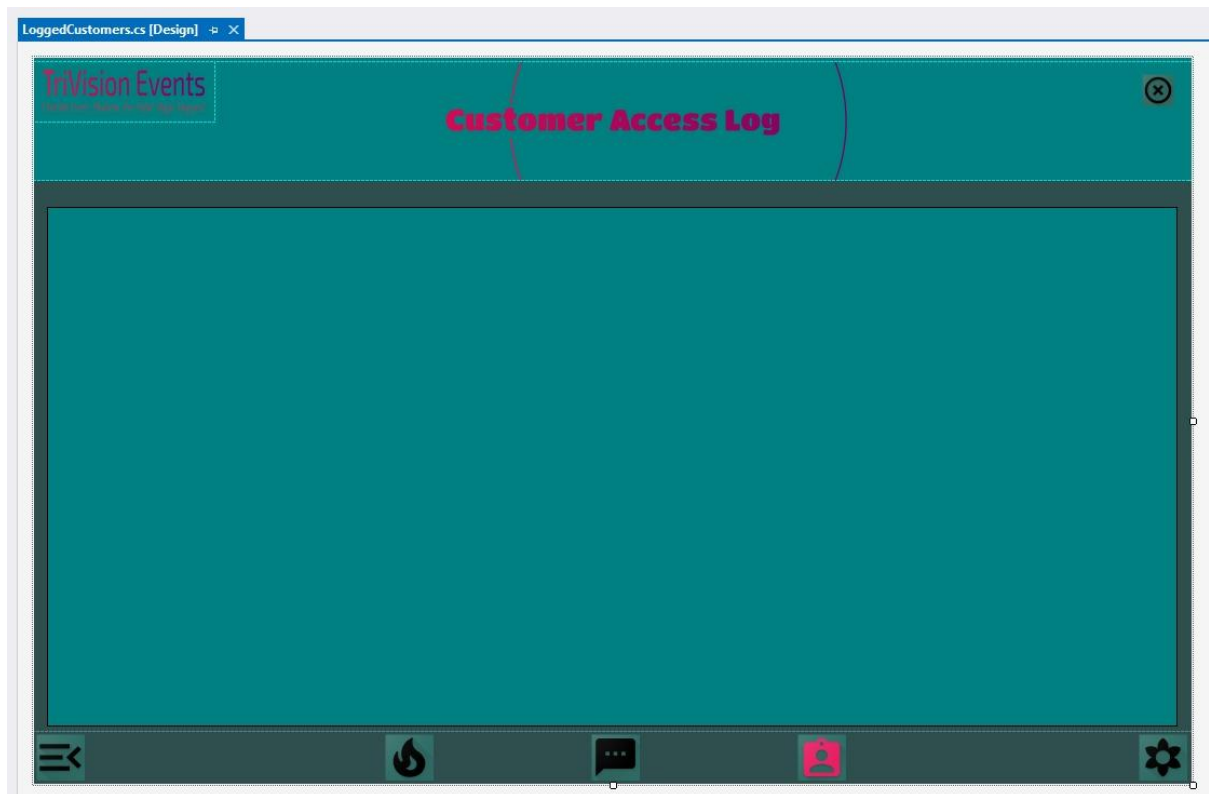
Feedback :

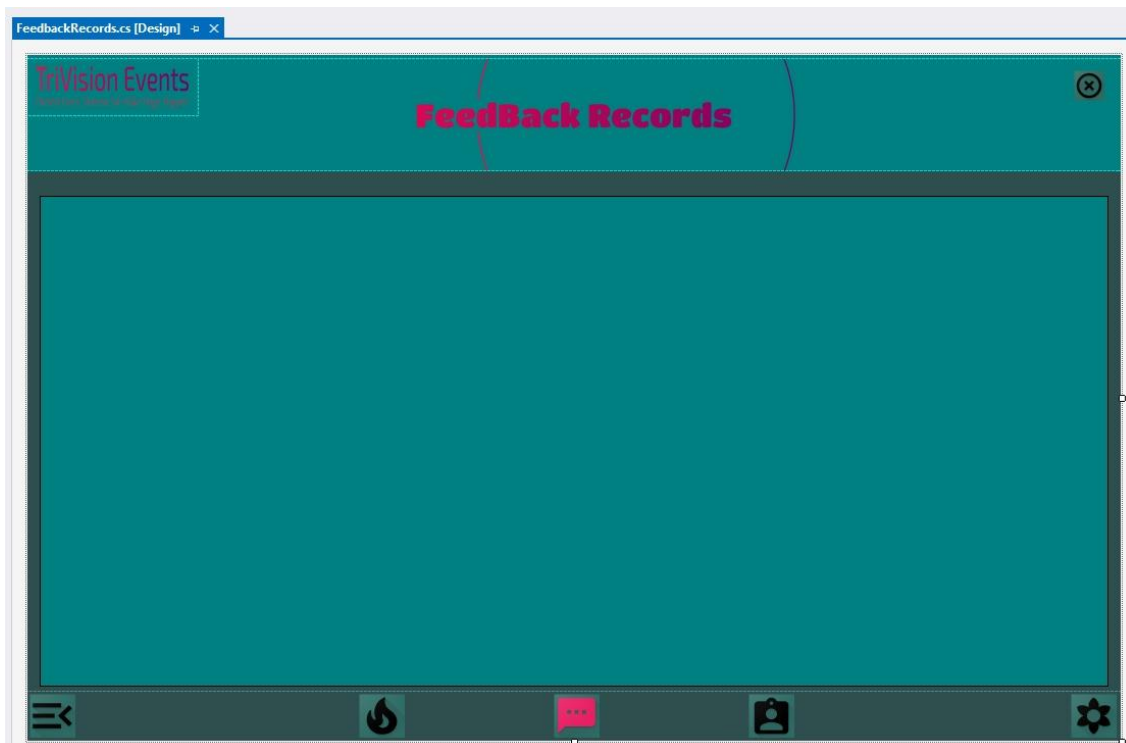- In this form, the admin has to rewrite the customer feedback displayed on the dashboard.

Picture :

- Here admin can post the event picture .
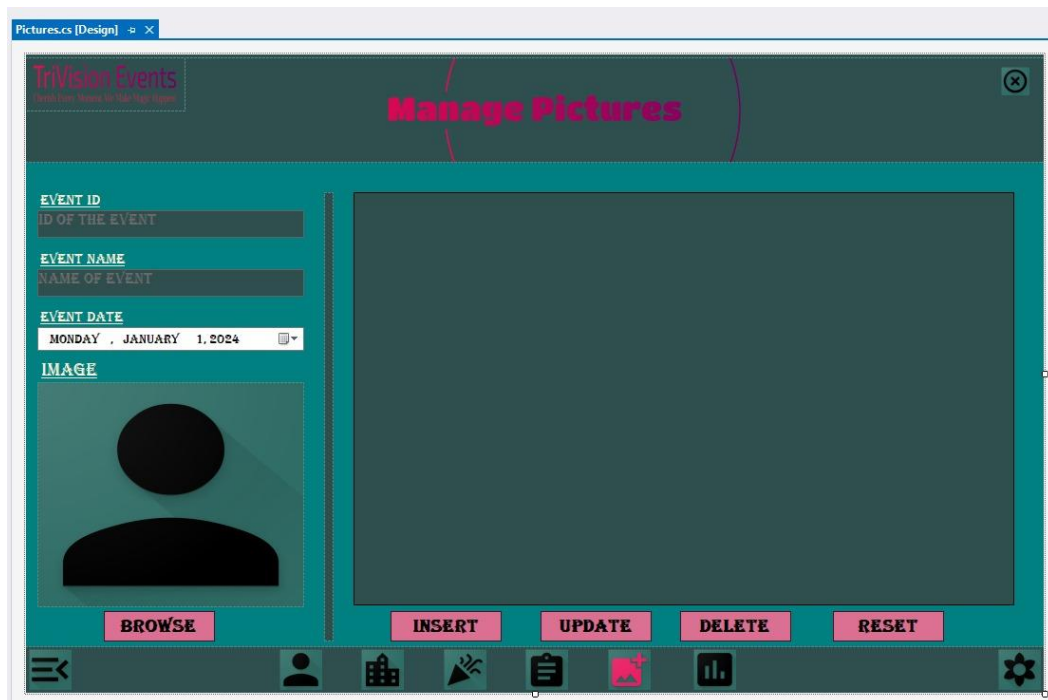
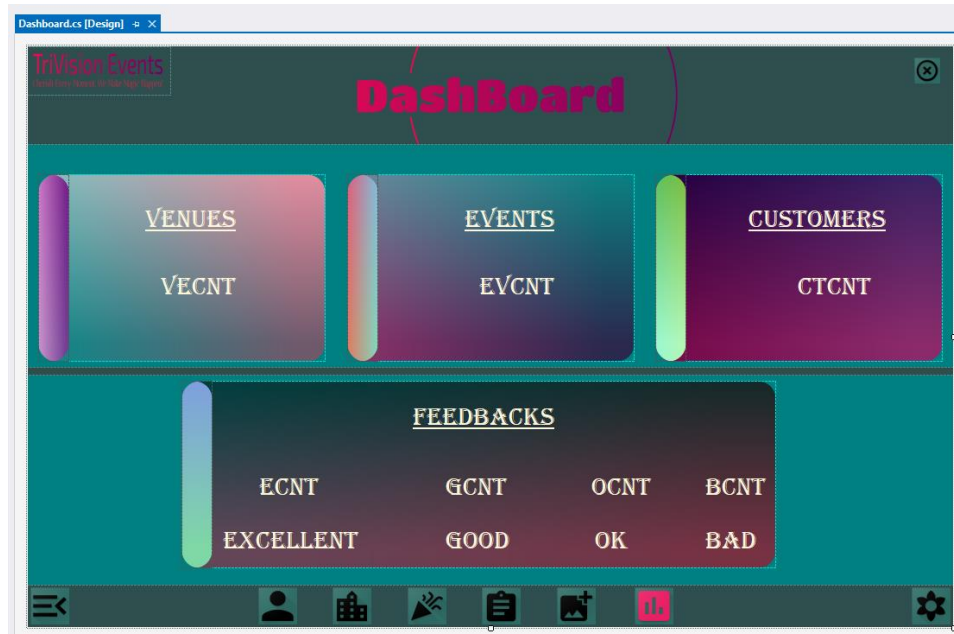**Feedback Records :**

- Here feedback records from customers will be stored.

DashBoard :

- Admin can see the rating here

6. System Features

6.1 Admin

1.   Buyer can edit his profile information (Add information, Modify/Update, Delete any information)

2.   Admin can see the customers information .

3.   Admin can upload pictures in pictures box .

6.2 Customer

1. customer can Host a event .

2. Customers can provide ratings about the event.