



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

**Project Report**

<b>Course Name:</b>	<b>Object Oriented Programming 2</b>
<b>Semester:</b>	Fall 2023-2024
<b>Section:</b>	F
<b>Faculty Name:</b>	Md.Nazmul Hossain
<b>Submission Date:</b>	<b>1/1/2024</b>

Name	ID
Ahsanul Azmain	21-45709-3
Faisal Ahmed	21-45783-3
Rifat Arafin	21-45631-3

**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.

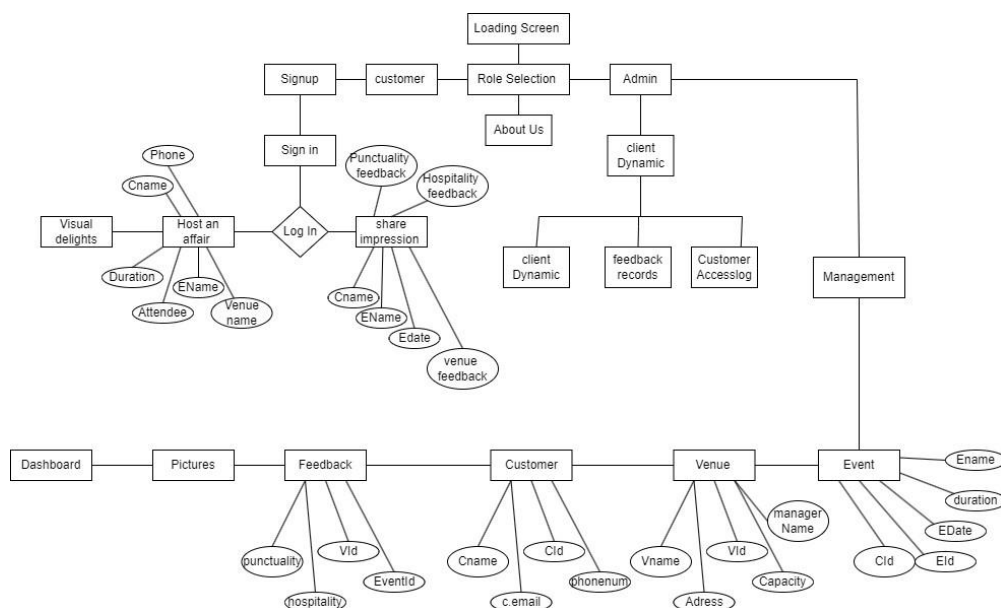
## 3. Proposed System

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



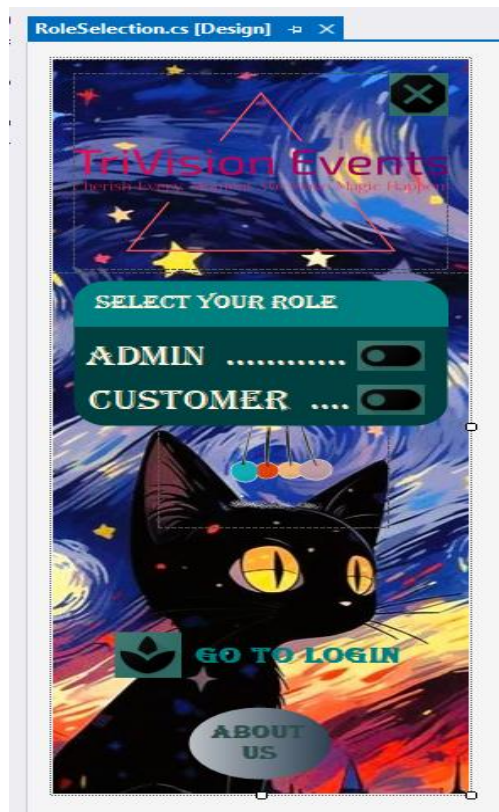
## 4. Functional Requirements

Loading form :



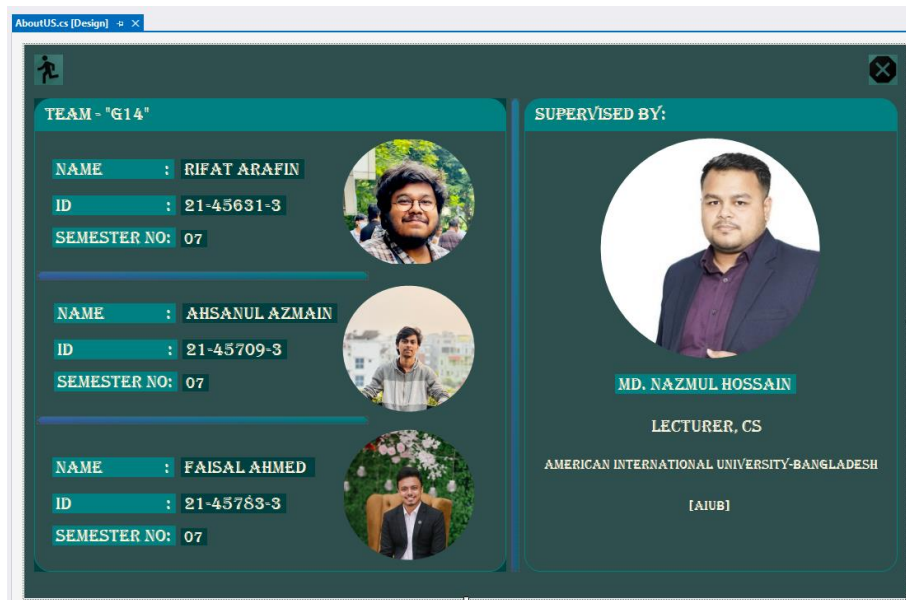
**Role selection :**

- 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 .

The screenshot shows a Windows Forms application titled "CustomerLogin.cs [Design]". The form has a dark teal background with a header section containing the "TriVision Events" logo and the tagline "Cherish Every Moment, We Make Magic Happen!". Below the header, there is a section titled "GIVE INFO:" with two input fields: "CustomerName:" and "Password:". The "CustomerName:" field is labeled with a person icon, and the "Password:" field is labeled with a lock icon. Below the input fields, there are three buttons: "SIGNUP" (with a person icon), "LOGIN" (with a large circular button), and "RESET" (with a gear icon). The form is designed with a clean, modern aesthetic using a color palette of dark teal, light teal, and white.

#### 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.

The screenshot shows a Windows Forms application titled "SignUp.cs [Design]". The form has a dark teal background with a header section containing the "TriVision Events" logo and the tagline "Cherish Every Moment, We Make Magic Happen!". Below the header, there is a section titled "GIVE INFO:" with three input fields: "CustomerName:", "Email:", and "Password:". The "CustomerName:" field is labeled with a person icon, the "Email:" field is labeled with an envelope icon, and the "Password:" field is labeled with a lock icon. Below the input fields, there are three buttons: "LOGIN" (with a person icon), "SIGNUP" (with a large circular button), and "RESET" (with a gear icon). The form is designed with a clean, modern aesthetic using a color palette of dark teal, light teal, and white.

#### 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 .

The screenshot shows the 'Host an Affair' form in the TriVision Events app. The form is titled 'Host an Affair' and is divided into two main sections: 'Customer Info' and 'Event Info'. The 'Customer Info' section includes fields for 'CUSTOMER NAME' (NAME OF CUSTOMER) and 'PHONE' (CONTACT NUMBER). The 'Event Info' section includes fields for 'EVENT NAME' (NAME OF EVENT), 'DURATION IN HOUR/S' (TIME SPAN), 'VENUE NAME' (NAME OF VENUE), 'EVENT DATE' (1/ 1/2024), and 'ATTENDEE COUNT' (PARTICIPANT TOTAL). A large circular button labeled 'HOST' is located at the bottom right of the form. The app's header shows 'TriVision Events' and a navigation bar at the bottom with icons for home, search, and other features.

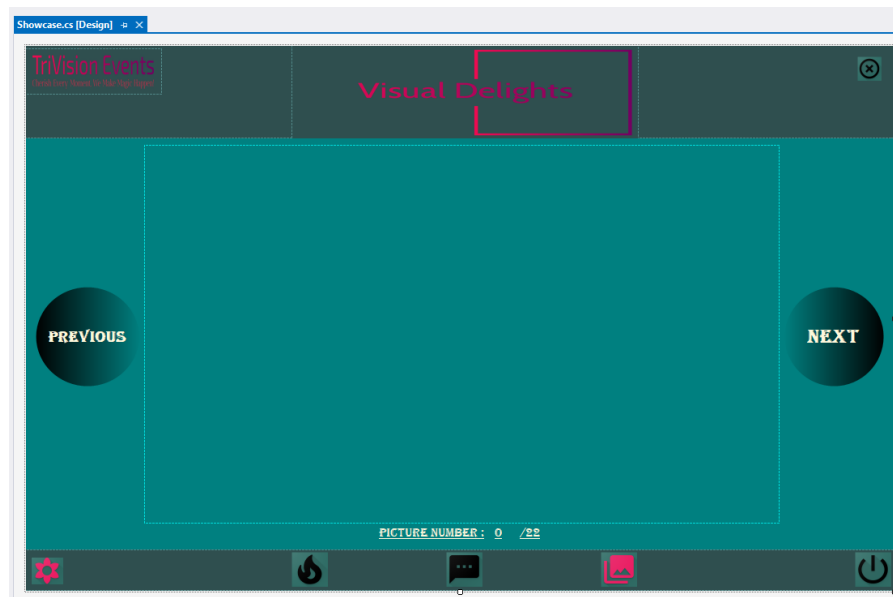
#### 4.4 Give Feedback:

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

The screenshot shows the 'Share Impressions' form in the TriVision Events app. The form is titled 'Share Impressions' and is divided into three main sections: 'Customer Info', 'Event Info', and 'Drop Feedbacks'. The 'Customer Info' section includes fields for 'CUSTOMER NAME' (NAME OF CUSTOMER) and 'EVENT DATE' (1/ 1/2024). The 'Event Info' section includes fields for 'EVENT NAME' (NAME OF EVENT) and 'VENUE NAME' (NAME OF VENUE). The 'Drop Feedbacks' section includes three dropdown menus for 'VENUE', 'PUNCTUALITY', and 'HOSPITALITY'. A large circular button labeled 'SUBMIT' is located at the bottom right of the form. The app's header shows 'TriVision Events' and a navigation bar at the bottom with icons for home, search, and other features.

#### 4.5 Showcase:

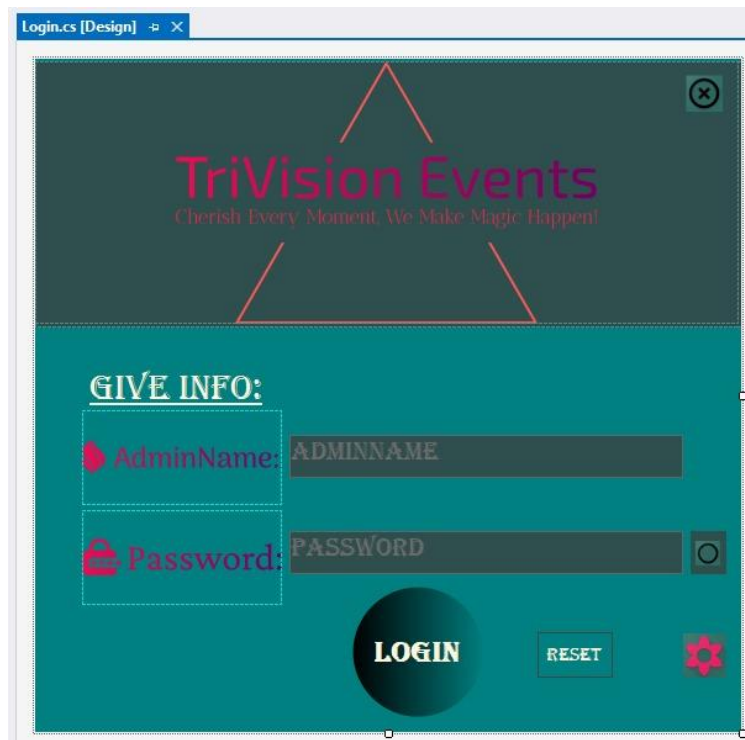
- Customer can see the events photos here .



**Admin :**

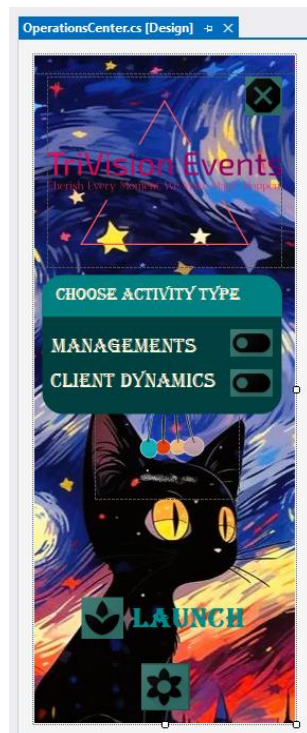
**Login :**

- Admin have to provide required information to login



### Operations center :

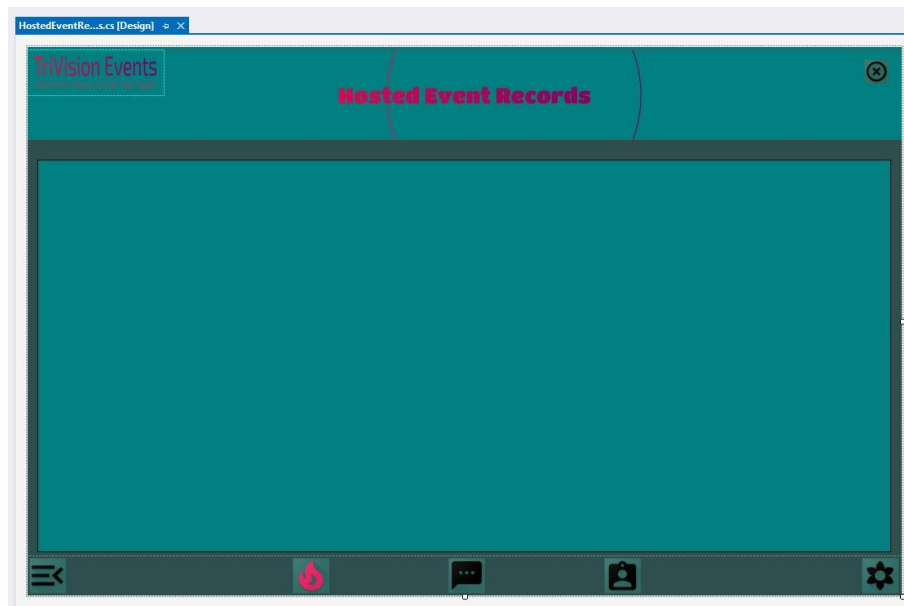
- Admin can go to the management interface or client interface .



### 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 .

<b>EVENT NAME</b> NAME OF EVENT	<b>EVENT DATE</b> 1/ 1/2024	<b>VENUE ID</b> [Dropdown]	<b>VENUE NAME</b> NAME OF VENUE
<b>CUSTOMER ID</b> [Dropdown]	<b>CUSTOMER NAME</b> NAME OF CUSTOMER	<b>STATUS</b> [Dropdown]	<b>DURATION IN HOUR/S</b> TIME SPAN

**SAVE** **EDIT** **DELETE**

The bottom navigation bar contains icons for a menu, a person, a building, a hand, a clipboard, a plus sign, a bar chart, and a gear.

## Venues :

- In this form admin will store the venues information

**TriVision Events**  
Think Every Venue Is Not The Same

## Manage Venues

**VENUE NAME**  
NAME OF VENUE

**CAPACITY**  
NUMBER OF SEATS

**ADDRESS**  
TIME SPAN

**VENUE MANAGER**  
NAME OF VENUE MANAGER

**PHONE**  
CONTACT NUMBER

**SAVE** **EDIT** **DELETE**

Navigation icons: Home, Users, Venues, Events, Reports, Settings.

### Manage customer :

- In this form admin stored the customer information

**TriVision Events**  
Think Every Venue Is Not The Same

## Manage Customers

**CUSTOMER NAME**  
NAME OF CUSTOMER

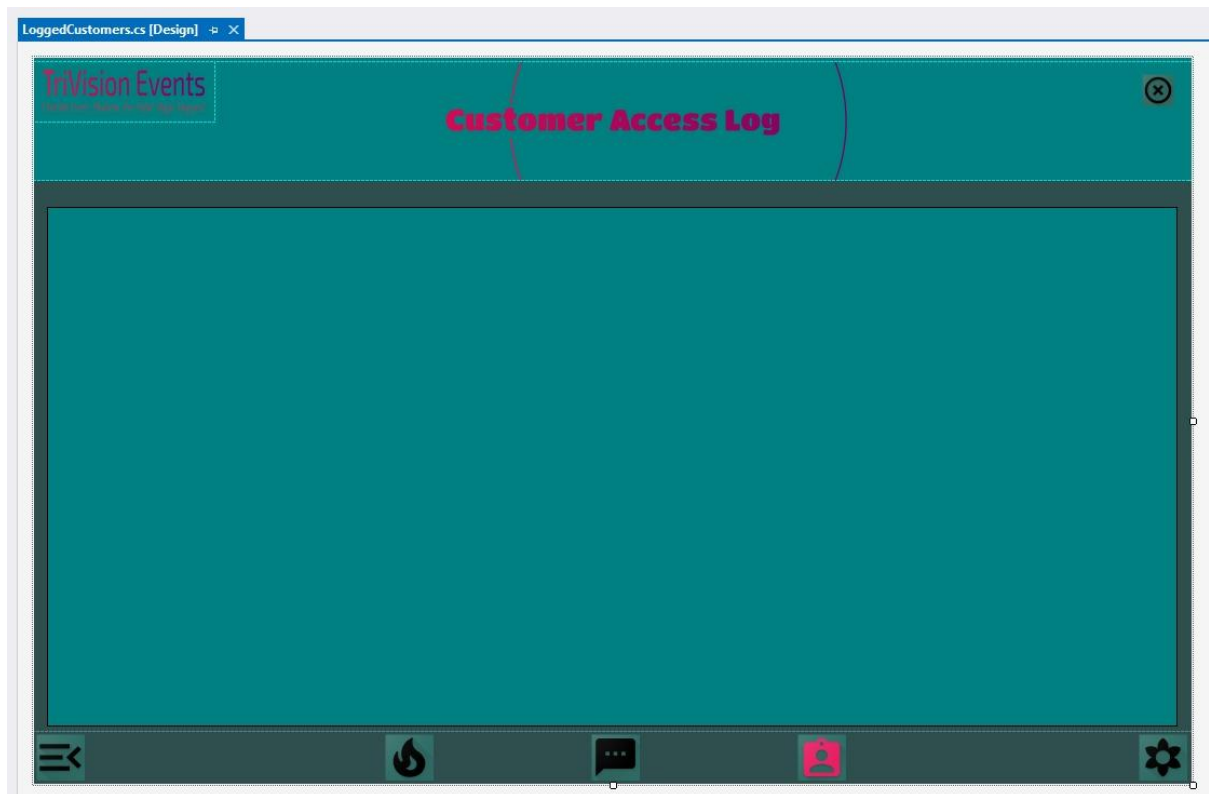
**PHONE**  
CONTACT NUMBER

**SAVE** **EDIT** **DELETE**

Navigation icons: Home, Users, Venues, Events, Reports, Settings.

### Logging Customer :

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



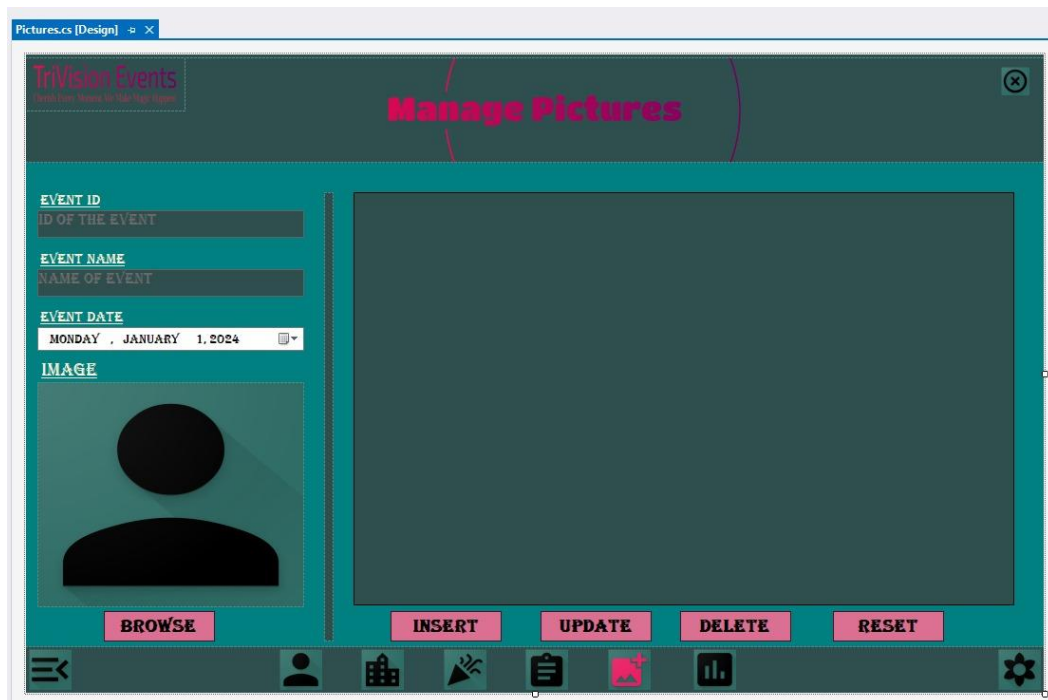
### Feedback :

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

The screenshot shows a web application window titled 'FeedBacks.cs [Design]'. The main header area is dark grey and contains the 'TriVision Events' logo on the left and the title 'Manage Feedbacks' in the center. Below the header is a large, empty dark grey rectangular area. At the bottom of the form, there are four dropdown menus labeled 'EVENT ID', 'VENUE', 'PUNCTUALITY', and 'HOSPITALITY'. Below these is a text input field labeled 'EVENT NAME' with the placeholder text 'NAME OF EVENT'. At the bottom of the form are two buttons: 'SUBMIT' and 'RESET'. At the very bottom of the window is a dark grey navigation bar with several icons: a menu icon, a person icon, a building icon, a hand icon, a clipboard icon, a plus icon, a bar chart icon, and a gear icon.

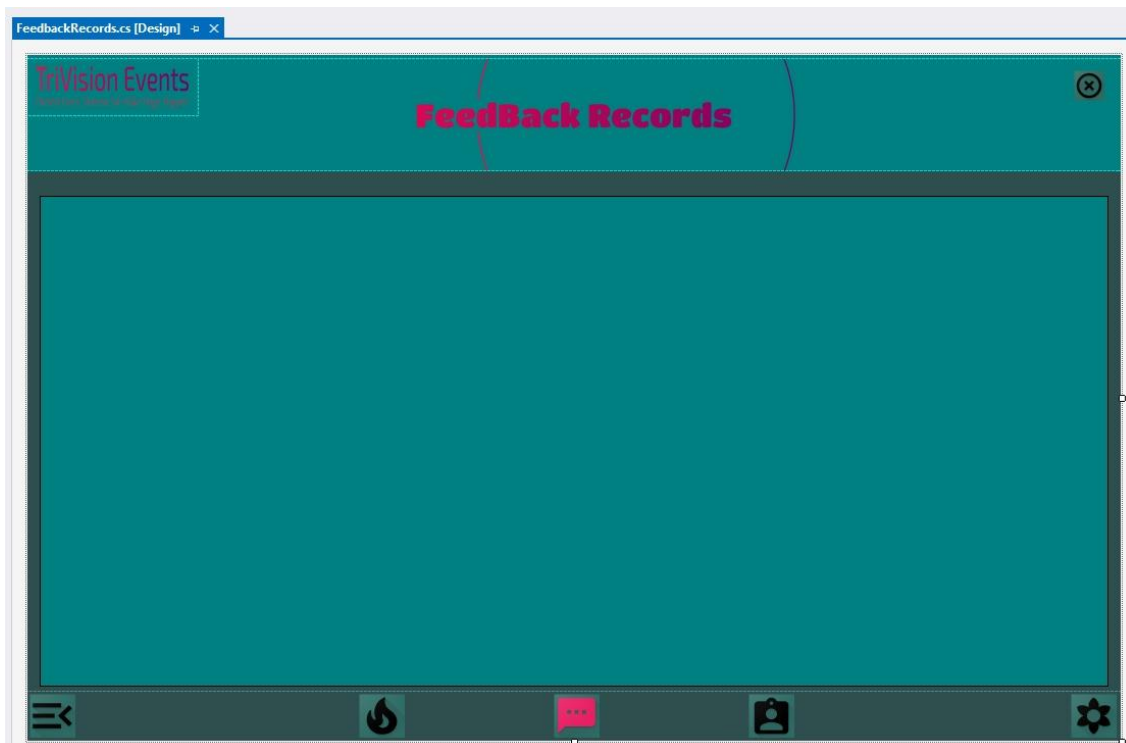
### Picture :

- Here admin can post the event picture .



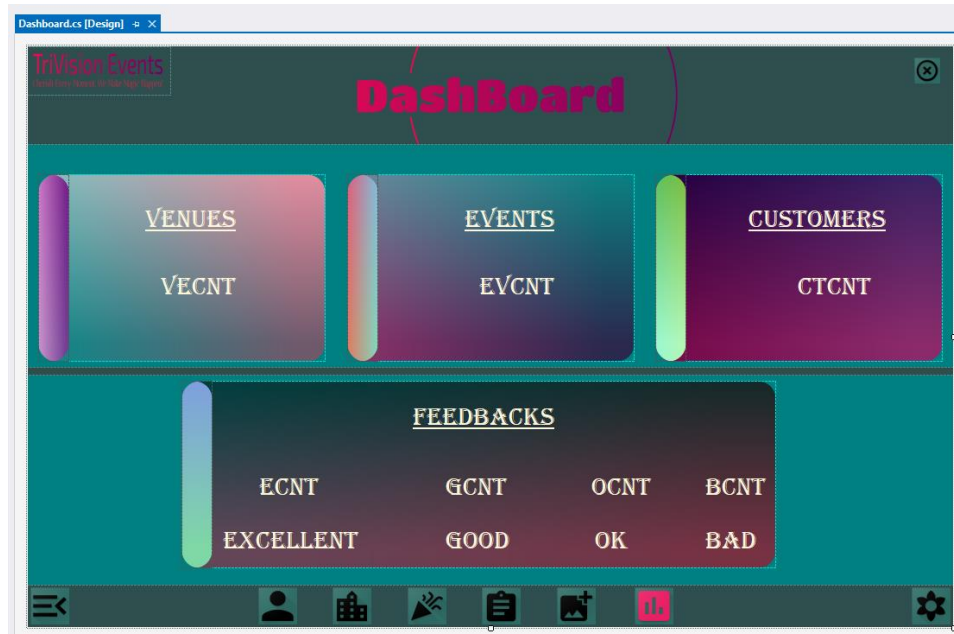
### Feedback Records :

- 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.