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Fall 2016

# GSU Event Portal

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## **ABSTRACT**

The project “GSU Event Portal” playing a vital role in the field of E-commerce industry with many important aspects filling in it. The project is not only useful for business persons but also individuals who are organizing an events. So, it is the platform for all kind of people. This Project helps us to enhance their creative thought process in the development of an application. The experience gained by developing this project gives us great knowledge about the e-commerce traffic on websites. This application improves the social marketing for various people to present their views. Through this application efficient communication is possible between the peoples. A successful event provides values to attendees beyond information about a product. This project is nice approach because of the various features like as follows.

Good navigation experience gives information about the events in the nearby locations which increase’s the scale of business where good Digital marketing and good Advertisement takes place. It improves the Economic status of small and medium scale industries. It is not a new application. Already we have these kind of websites. But our goal is to increase the number of user who are using this event management portal because it is a free application and mobile friendly too. Finally, the main idea of this project is to develop a simple website, it is having user console and Admin console. User console can add and delete events and review registration. Every user can edit, delete events and review user registration forms and accepts user request if user data is valid. This project is convenient browsing based on location, dates, category, type and price.

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## **1. Project Description:**

The project “GSU Event Portal” playing a vital role in the field of E-commerce industry with many important aspects filling in it. The project is not only useful for business persons but also individuals who are organizing an events. So, it is the platform for all kind of people. This Project helps us to enhance their creative thought process in the development of an application. The experience gained by developing this project gives us great knowledge about the e-commerce traffic on websites. This application improves the social marketing for various people to present their views. Through this application efficient communication is possible between the peoples. A successful event provides values to attendees beyond information about a product. This project is nice approach because of the various features like as follows.

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## **2. Technical Description**

**2.1 Modules:** In this project two modules are presented. First one is Admin and second one is user. Let me explain about each one in detail.

**Admin:** In this application admin plays a major role. He can able to see all the details which are performed by the user. Those are Add Event type and Event topic. If any new category of event can be added by admin only and these categories are used by user. But user can not define a new category. Admin can check all the details about user like Signup details, Ticket details, Amount details, Event Details and admin can check feedbacks about events.

**Users:** In user panel two types of users are there. First type of user is register the events and browse the events without signup and login. But he cannot create his own events. Other type of users is also register the events by signup and login only. He is able to create his own events also. This user can view his own events, update his own events and Delete his own events.

### **Relationship to other Applications:**

The Project GSU Event Portal is related to Eventbrite application. The Eventbrite is huge project and it is very flexible to create event and manage events at any location. We took this website as a reference to develop GSU Event portal.

### **3. Project requirements:**

#### **3.1 Software requirements:**

- Front End : Visual Studio .NET 2013 Professional
- Back End : Microsoft SQL Server 2014 Developer Edition
- Operating system : WINDOWS 8
- Frame work : .NET 4.5 & above

#### **3.2 Hardware Requirements:**

- Processor : Intel Core i3
- RAM : 4 GB
- Hard Disk : 500 GB

#### **3.3 Security for Data Base:**

Security is the prevention of unidentified access to the data base. All the users whether a Member or an Administrator has to authenticate themselves by providing their ID and Password before logging onto the system. The Administrator has the rights to modify the data present in the database. He has the rights to add or remove an Event, Session or event details from the database.

## 4. Project Design Description:

### 4.1 Use Case Diagram:

Common properties:

A use case diagram is just a different type of diagram and shares the same properties, as do all other diagrams – a name and graphical contents that are projections into the model. What distinguishes a use case diagram from all other kinds of diagram is its particular content.

#### Contents:

Use case diagram commonly contains:

- i. Use cases
- ii. Actors
- iii. Relations (Dependency, generalization and association)

Like all other diagrams use case diagram may contain nodes constraints. Use case diagram may also contain packages, which are used to group element of your model into large chunks. Occasionally, you will want to place instances of use case in your diagram, as well, especially when you want to visualize a specific executing system.

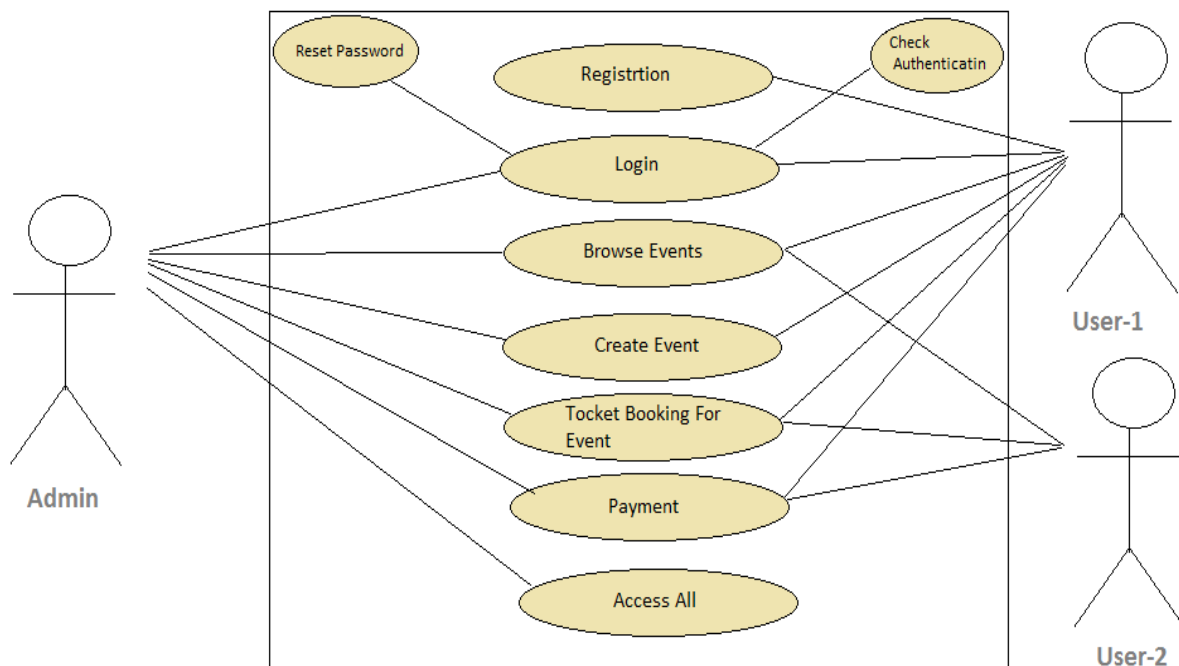


Figure 4.1 Use case diagram for both Admin and users



### 4.2 Flowchart:

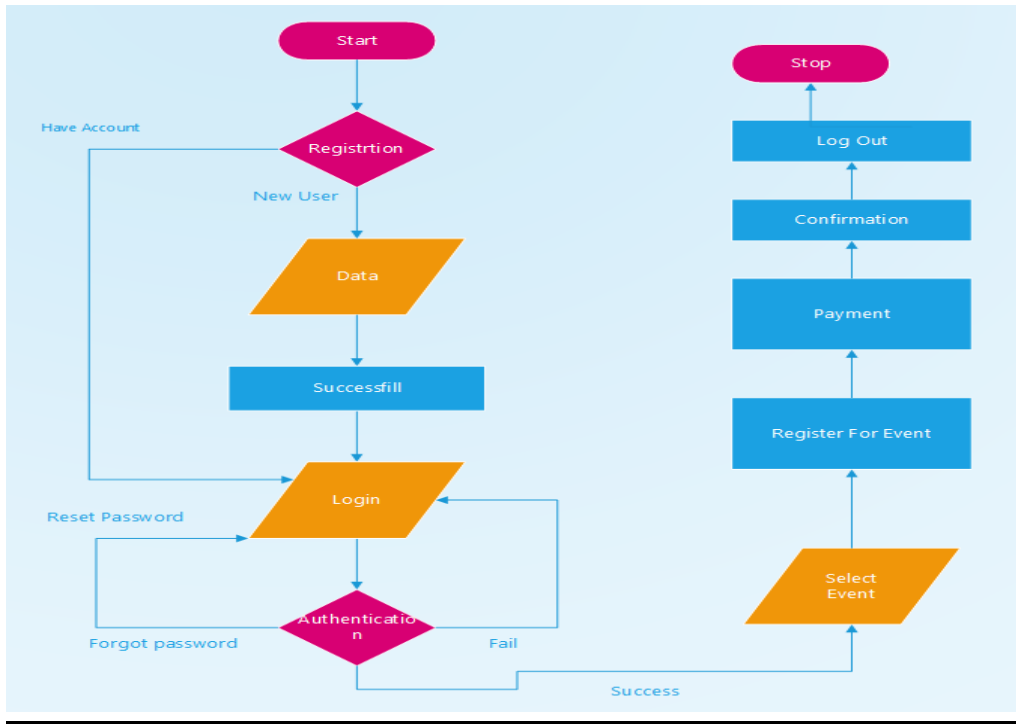


Figure:4.2 Flow chart for GSU event portal both admin and user

### 4.3 Activity Diagram:

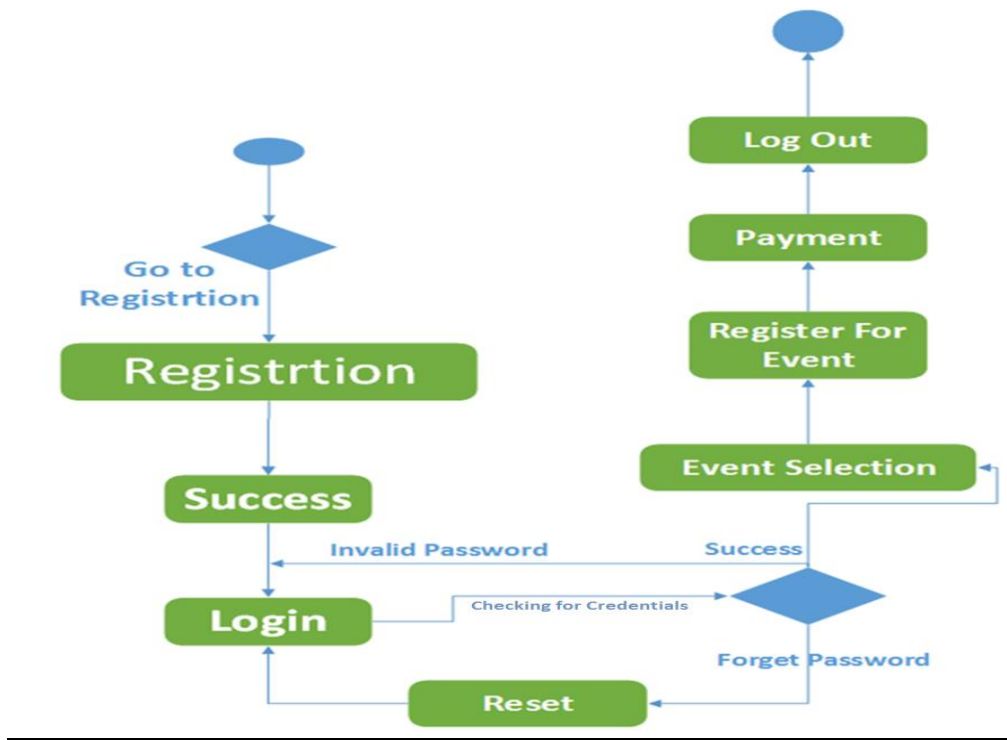


Figure:4.3 Activity Diagram for GSU Event portal

#### 4.4.1 Sequence Diagrams for User:

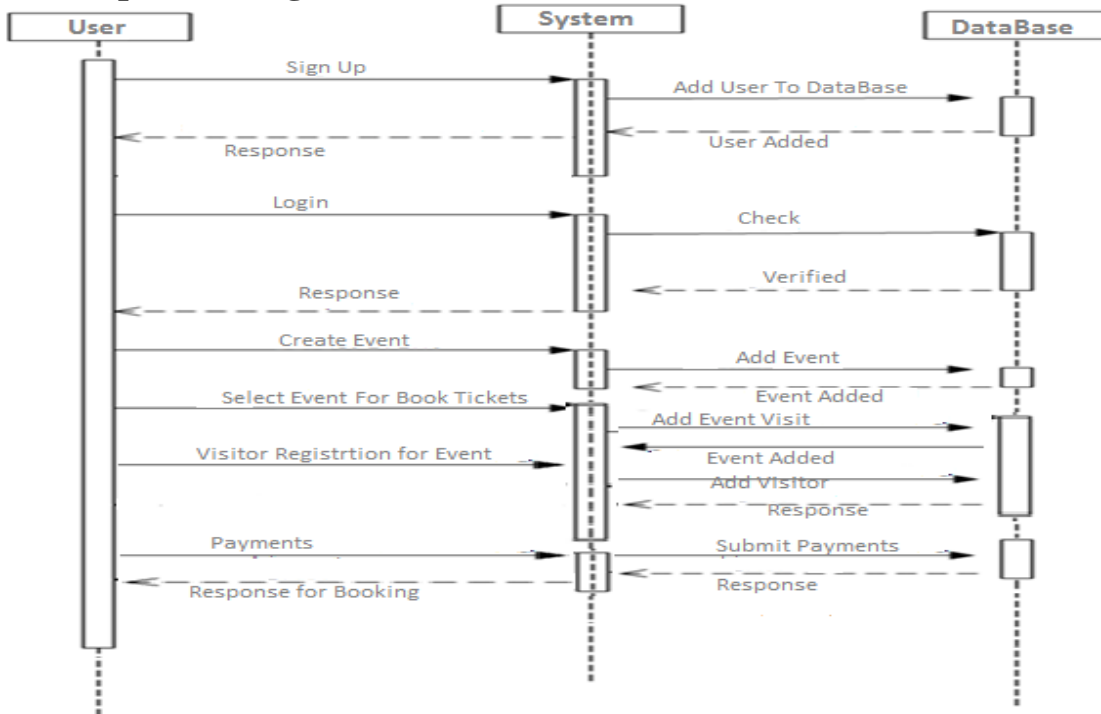


Figure 4.4.1 Sequence diagram for user who sign up and login

#### 4.4.2 Sequence Diagrams for User(Visitor):

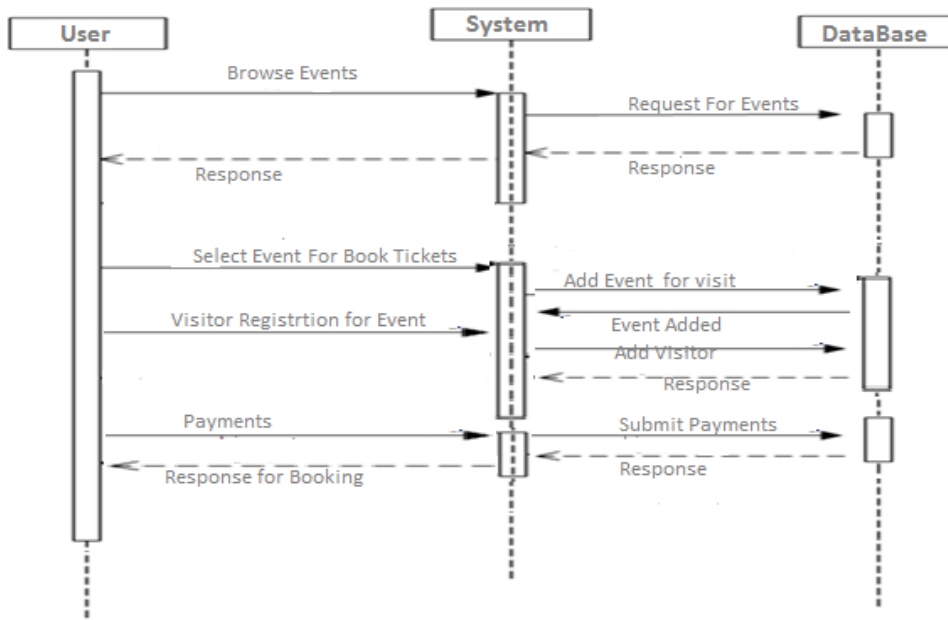


Figure:4.4.2 Sequence Diagram for user who does not sign up

## 4.5 Database Diagram:

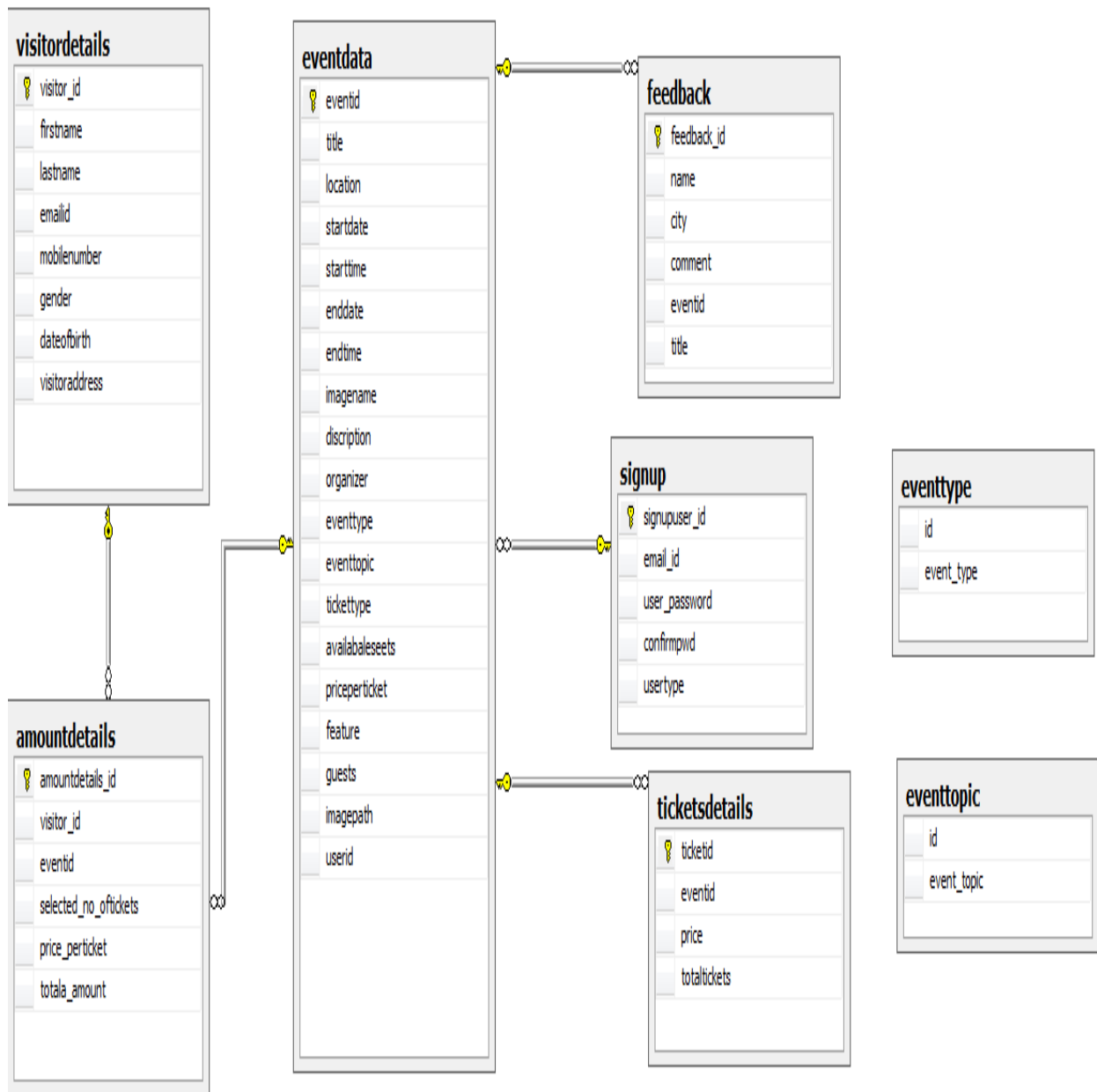


Figure:4.5 Data Base Diagram for GSU Event Portal

## 5. Project Internal/external Interface Impacts and Specification:

After carefully evaluating the client requirements of the project. The Project was converted in to database tables. The below tables are normalized to avoid duplicate values during the use of data entries.

### 5.1 Database Tables:

Column Name	Data Type	Allow Nulls
amountdetails_id	int	<input type="checkbox"/>
visitor_id	int	<input checked="" type="checkbox"/>
eventid	int	<input checked="" type="checkbox"/>
selected_no_oftickets	int	<input checked="" type="checkbox"/>
price_perticket	float	<input checked="" type="checkbox"/>
totala_amount	float	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

Column Name	Data Type	Allow Nulls
eventid	int	<input type="checkbox"/>
title	varchar(50)	<input checked="" type="checkbox"/>
location	varchar(50)	<input checked="" type="checkbox"/>
startdate	varchar(20)	<input checked="" type="checkbox"/>
starttime	varchar(20)	<input checked="" type="checkbox"/>
enddate	varchar(20)	<input checked="" type="checkbox"/>
endtime	varchar(20)	<input checked="" type="checkbox"/>
imagenname	varchar(50)	<input checked="" type="checkbox"/>
discription	varchar(1000)	<input checked="" type="checkbox"/>
organizer	varchar(50)	<input checked="" type="checkbox"/>
eventtype	varchar(50)	<input checked="" type="checkbox"/>
eventtopic	varchar(50)	<input checked="" type="checkbox"/>
tickettype	varchar(50)	<input checked="" type="checkbox"/>
availabaleseets	int	<input checked="" type="checkbox"/>
priceperticket	int	<input checked="" type="checkbox"/>
feature	varchar(100)	<input checked="" type="checkbox"/>
guests	varchar(50)	<input checked="" type="checkbox"/>
imagepath	varchar(200)	<input checked="" type="checkbox"/>
userid	int	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

VENUGOPAL.EventMa...- dbo.eventtopic X

Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
event_topic	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

VENUGOPAL.EventM...t - dbo.eventtype X

Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
event_type	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

VENUGOPAL.EventM...nt - dbo.feedback X

Column Name	Data Type	Allow Nulls
feedback_id	int	<input type="checkbox"/>
name	varchar(50)	<input checked="" type="checkbox"/>
city	varchar(50)	<input checked="" type="checkbox"/>
comment	varchar(500)	<input checked="" type="checkbox"/>
eventid	int	<input checked="" type="checkbox"/>
title	varchar(200)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

VENUGOPAL.EventM...bo.LocationDeails X

Column Name	Data Type	Allow Nulls
id	int	<input checked="" type="checkbox"/>
City	varchar(100)	<input checked="" type="checkbox"/>
Latitude	decimal(12, 6)	<input checked="" type="checkbox"/>
Longitude	decimal(12, 6)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

VENUGOPAL.EventM...ent - dbo.signup X

	Column Name	Data Type	Allow Nulls
🔑	signupuser_id	int	<input type="checkbox"/>
	email_id	varchar(100)	<input checked="" type="checkbox"/>
	user_password	varchar(50)	<input checked="" type="checkbox"/>
	confirmpwd	varchar(50)	<input checked="" type="checkbox"/>
	usertype	varchar(20)	<input checked="" type="checkbox"/>
	name	varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

VENUGOPAL.EventMa...bo.ticketsdetails X

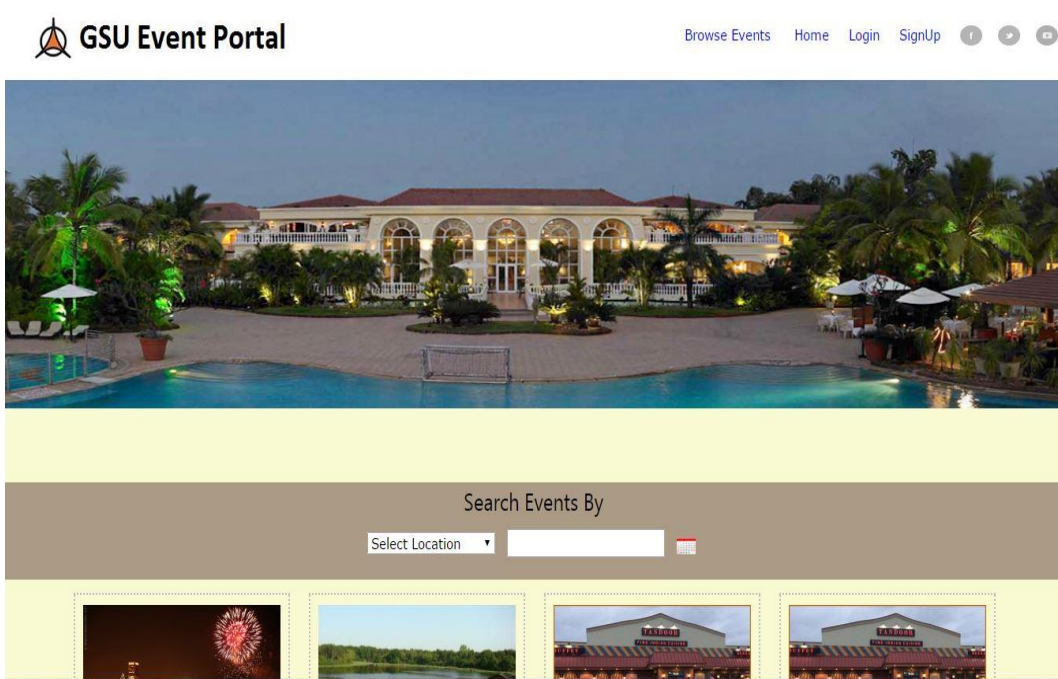
	Column Name	Data Type	Allow Nulls
▶	eventid	int	<input checked="" type="checkbox"/>
	price	int	<input checked="" type="checkbox"/>
	totaltickets	int	<input checked="" type="checkbox"/>
🔑	id	int	<input type="checkbox"/>
			<input type="checkbox"/>

VENUGOPAL.EventMa...bo.visitordetails X

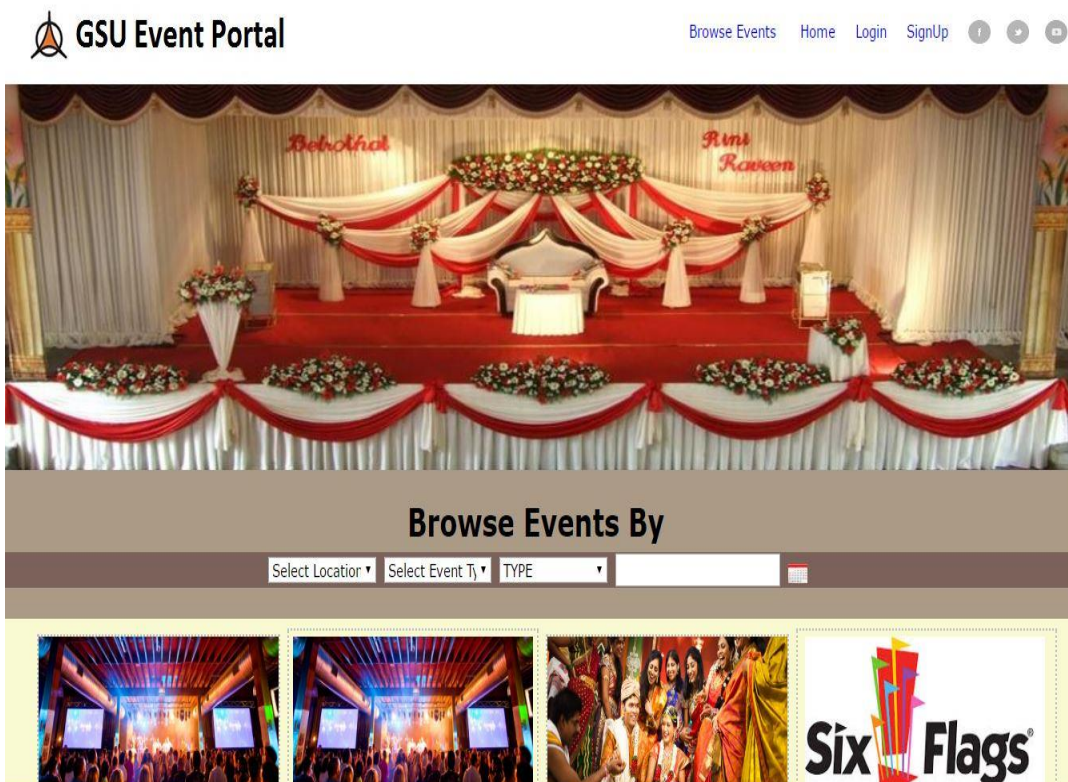
	Column Name	Data Type	Allow Nulls
🔑	visitor_id	int	<input type="checkbox"/>
	firstname	varchar(50)	<input type="checkbox"/>
	lastname	varchar(50)	<input type="checkbox"/>
	emailid	varchar(50)	<input type="checkbox"/>
	mobilenumber	varchar(50)	<input type="checkbox"/>
	gender	varchar(50)	<input type="checkbox"/>
	dateofbirth	varchar(50)	<input type="checkbox"/>
	visitoraddress	varchar(500)	<input type="checkbox"/>
			<input type="checkbox"/>

## 6. Project Design Units Impacts:

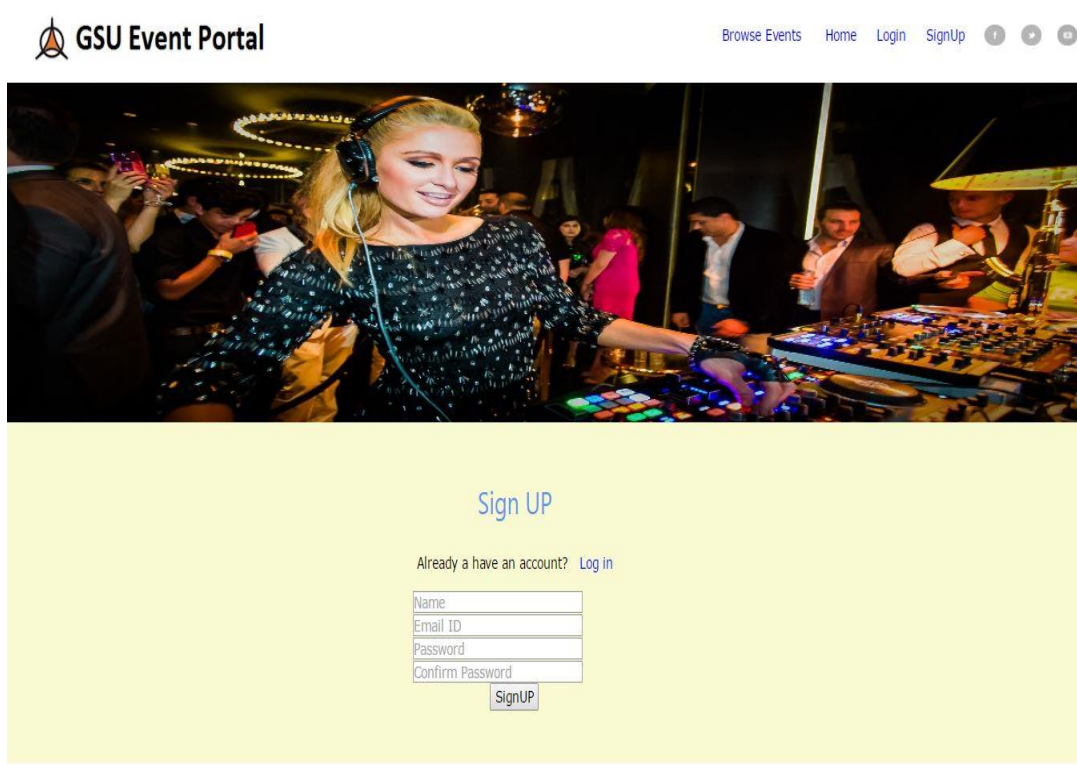
### 6.1 Home page:



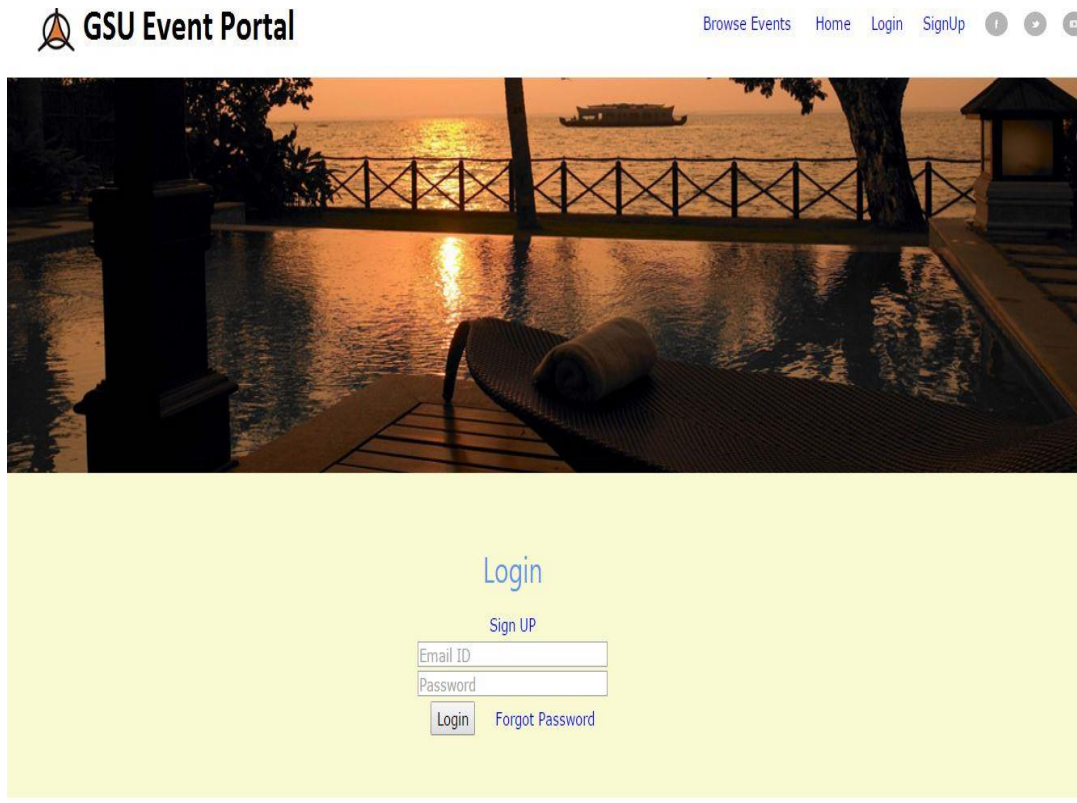
### 6.2 Browse Events without sign up and login:



### 6.3 User Sign Up Page:

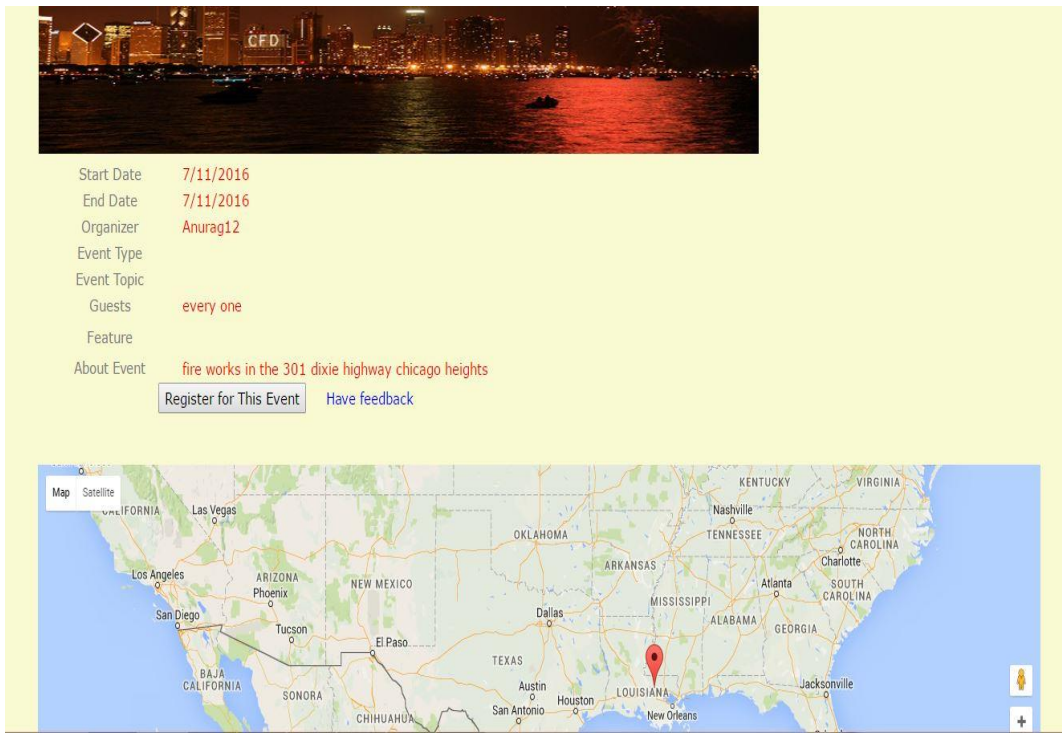


### 6.4 Admin and user login page:





## 6.5 Both type of users tries to register:

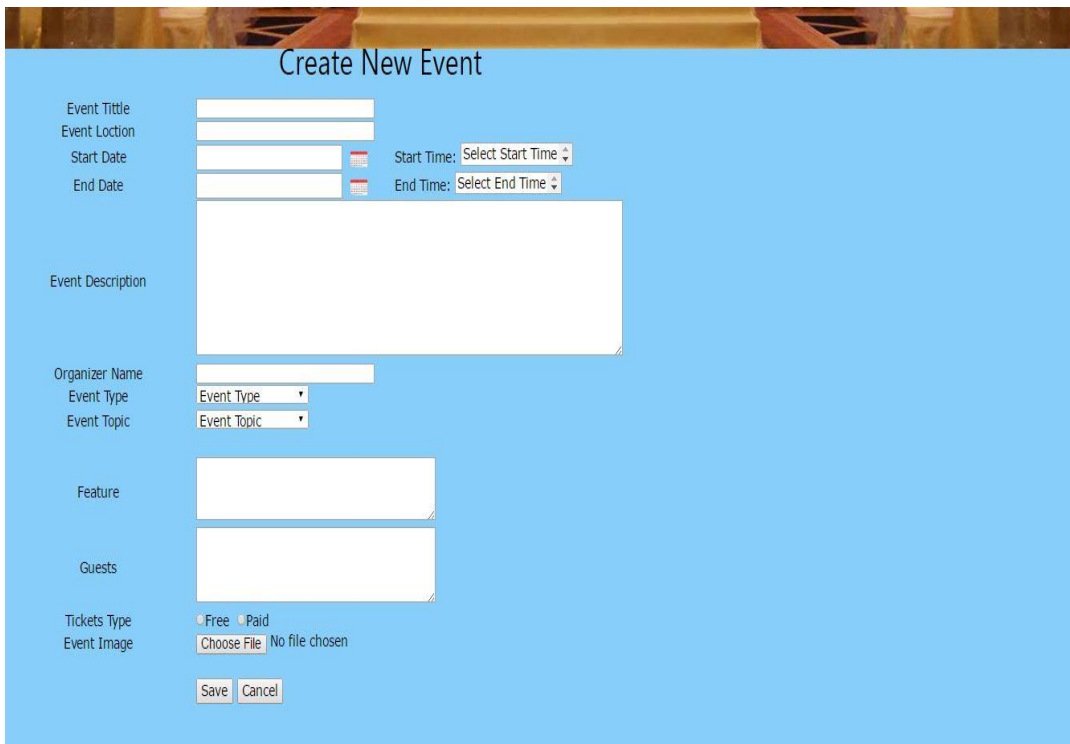


The screenshot shows an event registration page with a night cityscape image at the top. The event details are as follows:

- Start Date: 7/11/2016
- End Date: 7/11/2016
- Organizer: Anurag12
- Event Type: (blank)
- Event Topic: (blank)
- Guests: every one
- Feature: (blank)
- About Event: fire works in the 301 dixie highway chicago heights

At the bottom of the details are two buttons: "Register for This Event" and "Have feedback". Below the details is a map of the United States with a red pin marking a location in Louisiana, near New Orleans.

## 6.6 Event creation page for both admin and user:



The screenshot shows a "Create New Event" form on a blue background. The form fields are:

- Event Title:
- Event Location:
- Start Date:  Start Time:
- End Date:  End Time:
- Event Description:
- Organizer Name:
- Event Type:
- Event Topic:
- Feature:
- Guests:
- Tickets Type:  Free  Paid
- Event Image:  No file chosen

At the bottom of the form are "Save" and "Cancel" buttons.

## 6.7 User can edit or update his own events:

The screenshot shows a web form titled "Event Details" with a light blue background. The form contains the following fields and controls:

- Event Title:** Text input field containing "Volleball".
- Event Location:** Text input field containing "Geary Student Union, Charleston".
- Start Date:** Date picker showing "07/27/2016".
- Start Time:** Time picker showing "12.00am".
- End Date:** Date picker showing "07/28/2016".
- End Time:** Time picker showing "3.30am".
- Event Description:** Large text area containing "Test".
- Organizer Name:** Text input field containing "Test".
- Event Type:** Dropdown menu with "Events" selected.
- Event Topic:** Dropdown menu with "Exhibition" selected.
- Feature:** Text input field containing "Test".
- Guests:** Text input field containing "Test".
- Tickets Type:** Radio buttons for "Free" (selected) and "Paid".
- Price per Ticket:** Text input field containing "3".
- Total Tickets:** Text input field containing "35".
- Buttons:** "Update" and "Cancel" buttons at the bottom.

## 6.8 Admin can check all the operations which are performed by users:

The screenshot shows an admin dashboard with a navigation menu at the top: "Eventtypetopic", "Eventdetails", "Feedback", "Signupdetails", "Ticketsdetails", "Visitordetails", and "Amountdetails". The main content area is divided into two panels:

- Left Panel: -Enter EventType Details-**

	Id	Event Type
Delete	101	Marriage
Delete	102	Seminar
Delete	103	Exhibition
Delete	104	Riception
Delete	106	Events
Delete	107	Meeting
Delete	108	Tour
Delete	120	Exhibition
Delete	121	Professional

Below the table is an "Add Event type" button.
- Right Panel: -Enter EventTopic Details-**

	Id	Event Type
Delete	201	Food
Delete	203	Dance
Delete	204	Out door Dinner
Delete	205	Meeting
Delete	206	Tour
Delete	214	seminar
Delete	228	Exhibition

Below the table is an "Add Event topic" button.

At the bottom of the dashboard, there is an "Address:-" section with the text "Governors State University, Chicago, United States of America." and three social media icons (Facebook, Twitter, and LinkedIn).

## **7. Future Enhancement:**

The future enhancement for this project are –

This application will add to payment gateway like PayPal account when tickets booking time.

## **8. Acknowledgements:**

The team is very thankful to Professor **Dr. Soon.Ok. Park** for the support and leading us towards the right path in achieving the project to be a success. The team has been very supportive throughout, with their ideas and hard work for creating the GSU Event portal as a web application.

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