

**TEAM NUMBER #1**

## **Project Title: NPU Event Master**

### **Team Members:**

<b>Student ID</b>	<b>LastName</b>	<b>FirstName</b>
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## **Database project** – NPU Event master

### **Software requirements:**

Operating System : Windows7

Front End Technology : .Net with Microsoft Visual Studio

(Visual basics.net,C#.net,Asp.net)

Database : Microsoft SQL Server 2012 Management Studio

### **Hardware requirements:**

Hardware : PC with 250 GB Hard disk.

RAM : 2GB

### **Additional Tools:**

Web Technologies : Html &JavaScript

## **Introduction:**

NPU Event Master is a software application which explains about NPU related events. Mainly it describes the events hosted in NPU with respective of Categories .It consists of various categorized events like Cultural ,sports,Jobfair,seminars,Induction and Convocation. The faculty, staff and students can enroll in these events.

## **Project Analysis**

This Project mainly consists of following modules:

1. Home Page Module
2. Registration&Login Module
3. Events Module
4. Contact us Module

**Functionalities:** The functionalities/operations performed by Users are mentioned below:

There are two kinds of users involved in our project:

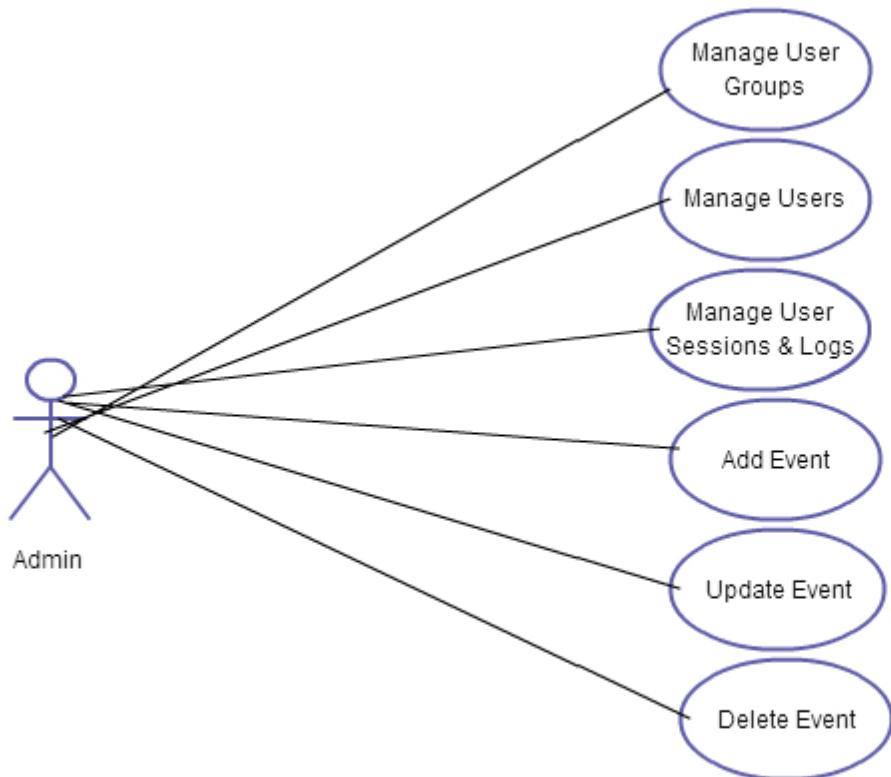
1. Admin
2. User

**Admin functions:** Admin has the following privileges:

- Admin gives permissions to users.
- Admin manages the sessions of user.
- Admin can add/update/delete the events
- Admin can add/delete user
- Admin can add/update/delete review
- Admin can view the details of events, registered and enrolled students in database.
- Admin can update the Venue, date -time of events.

**UML Diagram:**

**Use case Diagram For Admin:**

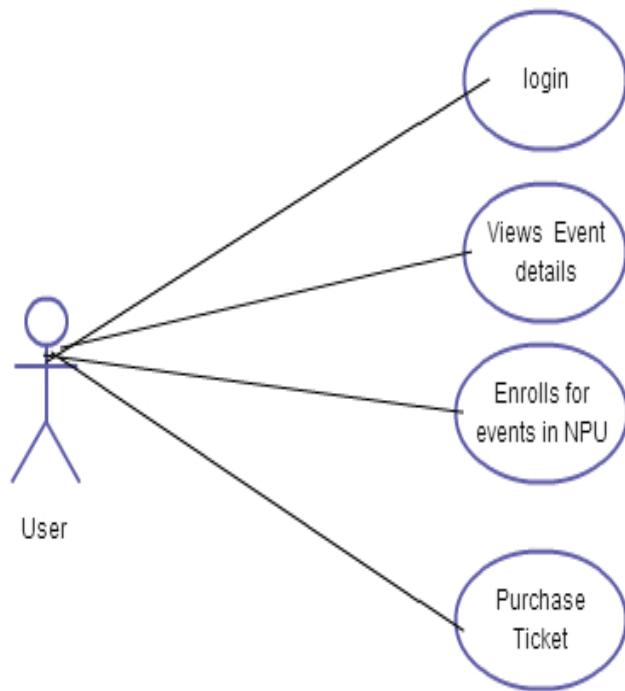


**User functions:** User has the following privileges:

- User can login into his account with his credentials
- User can view the details of events.
- If he/she is interested in any of the events, can enroll for scheduled events.
- User can purchase the ticket.

**UML Diagram:**

**Use case Diagram for User:**



**1. HomePage:** This page describes about NPU and its related events.

**Screenshot of NPU Event Master Page:**

The screenshot shows a web browser window with the URL `localhost:3617/WebSite25/Home.aspx`. The title bar says "NPU EVENTMASTER". The main content area has a header "WELCOME TO NPU EVENTMASTER". Below it is a large block of text about Northwestern Polytechnic University's location and facilities. Another block of text below discusses the City of Fremont, California, including its population, crime rate, and demographic data. At the bottom, there is a brief history of the university's founding.

**WELCOME TO NPU EVENTMASTER**

Northwestern Polytechnic University is ideally located in Fremont, California, the 4th largest city in the San Francisco Bay Area. Within easy reach of San Jose, the high-tech capital of the world, Fremont is also not far from the cities of San Francisco, Berkeley, and Palo Alto (Stanford University). The NPU campus is situated in a high-technology park in Fremont and is surrounded by international corporations and leaders in the information technology industry. The campus buildings house the administrative offices, campus library and reading rooms, several electronics, communications, database, and simulation laboratories, assembly rooms, classrooms, computer workstation rooms, a student assembly hall, recreation center, game room, student association club offices, several break and dining rooms, and several other functional facilities such as faculty offices and workrooms. The NPU dormitories are located just off campus in the neighboring residential community. For more information on campus housing, please view the housing pages.

The City of Fremont, California, is truly one of the best-kept secrets of the Bay Area. It is a safe, clean, modern, and relatively new community, well funded and well planned, and has one of the highest qualities of life ratings of any city in the U.S. According to the City of Fremont's official government website, Fremont has a population of 214,000 people and over 1,200 high-tech firms. It has a convenient BART system (local train) and an extensive network of bus services. Residents can enjoy over 50 community parks within the city including beautiful Lake Elizabeth and scenic Central Park. Fremont is also very proud of the quality of its citizenry and has the lowest crime rate in the U.S. for cities with more than 200,000 people. Fremont's citizens are a diverse mix from all corners of the world: African Americans 3%, American Indians 0.3%, Asian 36.8%, Hispanic 13.5%, Pacific Islander 0.4%, White 41.4%, and Other 4.7%.

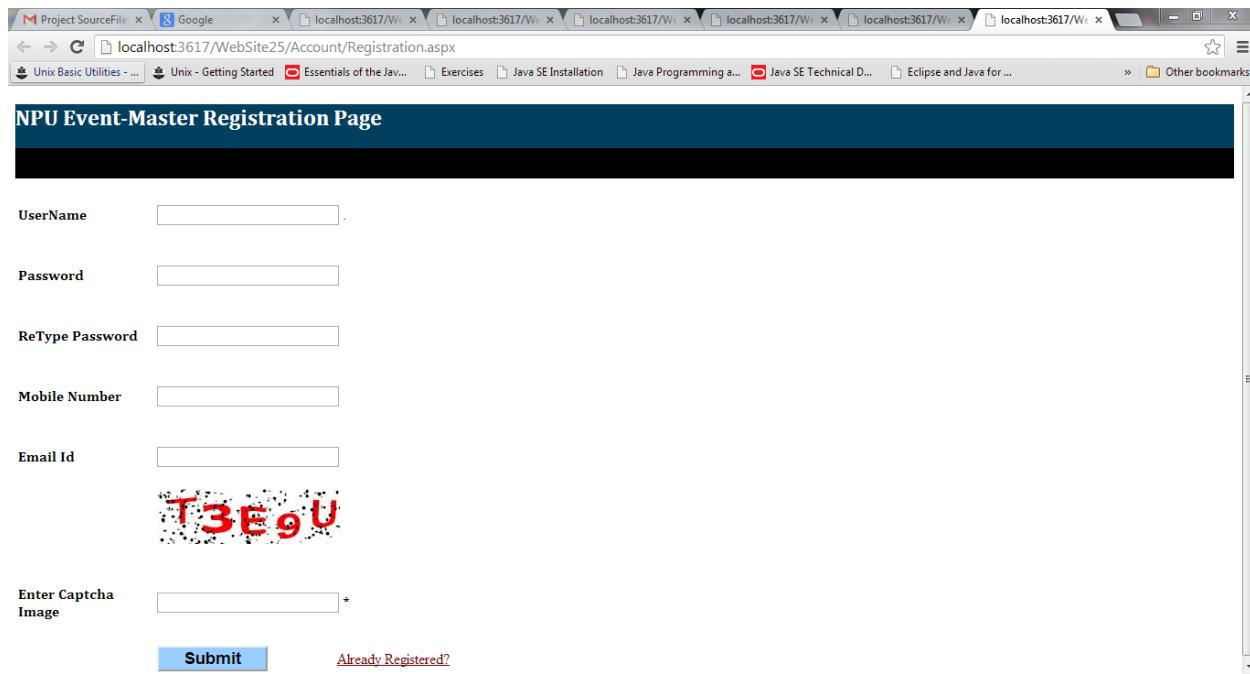
Seeing the dearth of accessible high-quality engineering schools in the Bay area, Dr. Ramsey Carter and Dr. Barbara Brown started Northwestern Polytechnic University (NPU) on January 2, 1984, and soon thereafter incorporated as a California nonprofit public benefit institution. Because of her knowledge of education administration, Dr. Brown was appointed NPU's first president in June, 1984.

**2. Registration&LoginModule:** This module is mainly to register or login purpose. In this page students can register with their credentials and login into their account with username and password and can enroll for events.

**Table Overview Of Registration Module:**

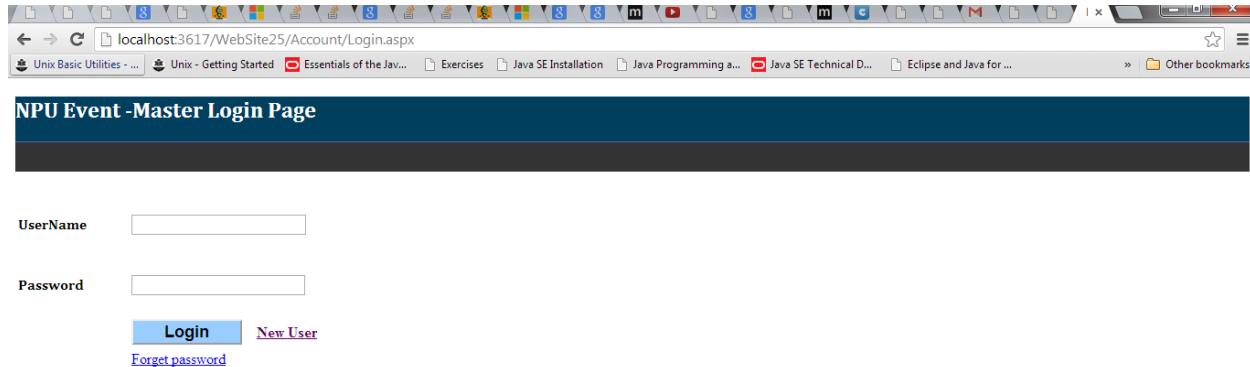
Registration	
User_Id	
User_Name	
Enter_Password	
Confirm_Password	
Email_Address	

## Registration Page:



The screenshot shows a web browser window with multiple tabs open. The active tab is titled "localhost:3617/WebSite25/Account/Registration.aspx". The page has a dark blue header bar with the text "NPU Event-Master Registration Page". Below the header are four input fields: "UserName" (empty), "Password" (empty), "ReType Password" (empty), and "Mobile Number" (empty). There is also an "Email Id" field (empty). In the center of the page is a red and black CAPTCHA image displaying the text "T3E9U". Below the CAPTCHA is a field labeled "Enter Captcha Image" with an empty input box and a required asterisk (\*). At the bottom of the form are two buttons: a blue "Submit" button and a link "Already Registered?".

## Login Page:



The screenshot shows a web browser window with multiple tabs open. The active tab is titled "localhost:3617/WebSite25/Account/Login.aspx". The page has a dark blue header bar with the text "NPU Event -Master Login Page". Below the header are two input fields: "UserName" (empty) and "Password" (empty). At the bottom of the form are three links: "Login" (highlighted in blue), "New User", and "Forgot password".

## **Change Password:**

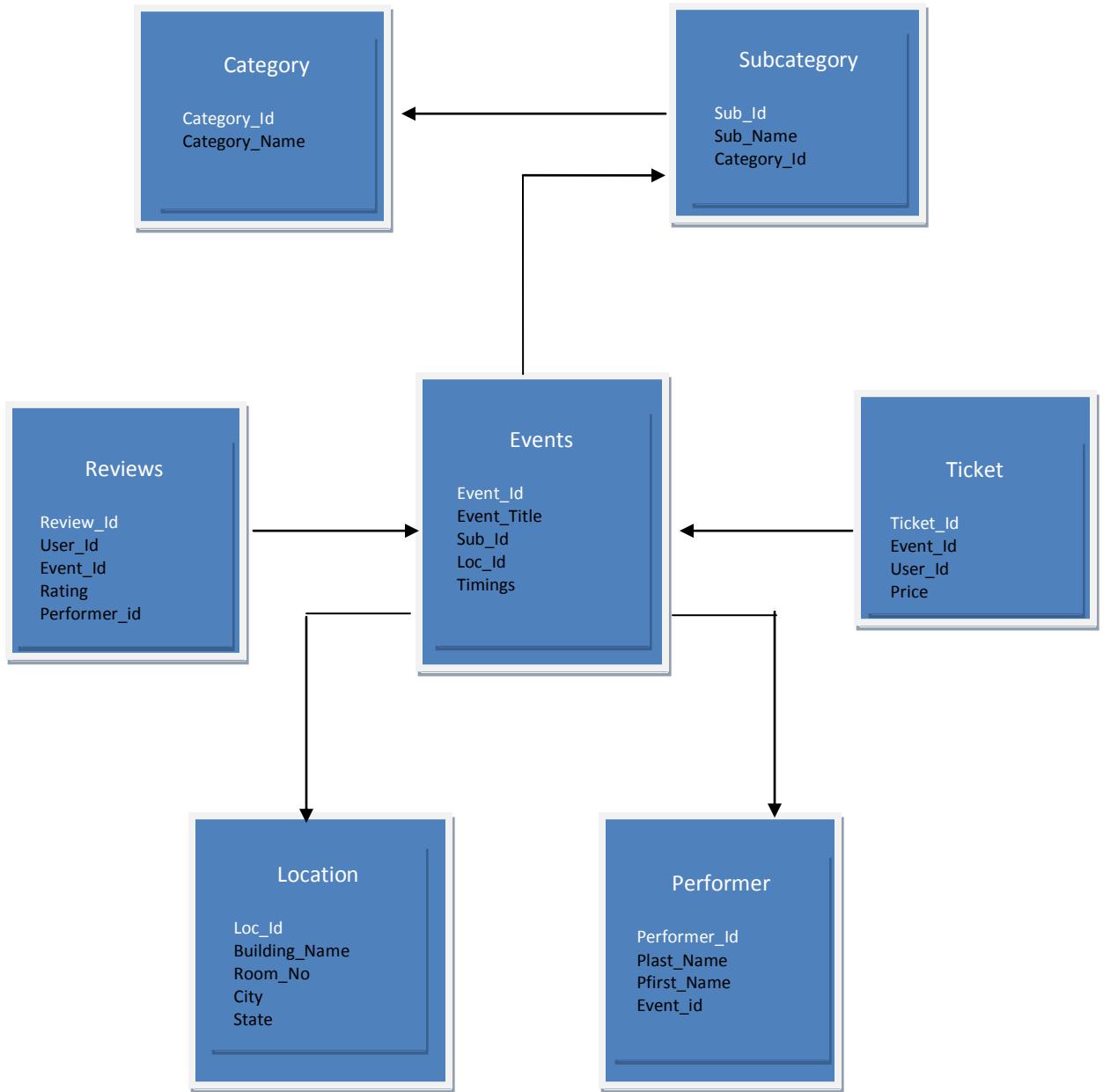
The screenshot shows a web browser window with the URL [localhost:3617/WebSite25/Account/ChangePassword.aspx](http://localhost:3617/WebSite25/Account/ChangePassword.aspx). The page title is "Change Password". There are four input fields: "UserName", "Old Password", "New Password", and "Confirm Password". Below these is a CAPTCHA image with the text "J CRVZ". Underneath the CAPTCHA is a text input field labeled "Enter Captcha Image" with an asterisk (\*) indicating it is required. At the bottom is a blue "Submit" button.

**3. Event Module:** This module mainly describes the various kinds of events scheduled in NPU Event Master based on different category selection.

Below listed are some of the events in NPU Event Master.

Categories	Subcategories
Induction	Faculty Intro Campus Overview
Cultural Fest	<ul style="list-style-type: none"><li>• Music</li><li>• Dance</li></ul>
Sports	<ul style="list-style-type: none"><li>• Football</li><li>• Baseball</li></ul>
Seminars	<ul style="list-style-type: none"><li>• Technical</li><li>• Non-technical</li></ul>
JobFair	<ul style="list-style-type: none"><li>• Offcampus</li><li>• Oncampus</li></ul>
Convocation	<ul style="list-style-type: none"><li>• AnnualParty</li><li>• Gradwalk</li></ul>

## Table Overview Of Event Module:



## **Design of database based on MS SQL 2012**

### **1. Database: NPUEM\_DB**

SQL query for creation of database:

```
USE master -- Database
GO
CREATE DATABASE NPUEM_DB
```

### **2. Tables:**

#### **Registration Table:**

Table No.:1						
Table Name:		Registration				
Table Description:		<i>Contains the details of user's while registration</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	User_id	User Id	INTEGER	PK	NOT NULL	IDENTITY(1,1)
2	User_Name	User name	VARCHAR(100)		NOT NULL	UK
3	Enter_Password	Password	VARCHAR(50)		NOT NULL	CK to check enter_password=Confirm_password
4	Confirm_Password	Password	VARCHAR(50)		NOT NULL	
5	Email_Address	Email Address	VARCHAR(100)		NOT NULL	

## Category Table:

Table No.:2						
Table Name:		Category				
Table Description:		<i>Category details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	Category_Id	Category ID	INTEGER	PK	NOT NULL	IDENTITY(100,1)
2	Category_Name	Category Name	VARCHAR(100)			

## SubCategory Table:

Table No.:3						
Table Name:		Sub Category				
Table Description:		<i>Sub Category details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	sub_Id	Sub Category ID	INTEGER	PK	NOT NULL	IDENTITY(200,1)
2	sub_Name	Sub Category Name	VARCHAR(100)			
3	Category_id	Category id	INTEGER	FK		References Category(category_id)

## Reviews Table:

Table No.:4						
Table Name:		Reviews				
Table Description:		<i>Review details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	Review_id	Review id	INTEGER	PK	NOT NULL	IDENTITY(600,1)
2	User_id	User id	INTEGER	FK		References Registration(User_id)
3	Event_id	Event id	INTEGER	FK		References Event(Event_id)
4	Rating	Rating	INTEGER			
5	Performer_id	Performer id	INTEGER	FK		References Performer(Performer_id)

## Event Table:

Table No.:5						
Table Name:		Event				
Table Description:		<i>Event details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	Event_id	Event id	INTEGER	PK	NOT NULL	IDENTITY(400,1)
2	Event_title	Event title	VARCHAR(100)			
3	Sub_id	Sub category id	INTEGER	FK		References sub_category(sub_id)
4	Loc_id	Location	INTEGER	FK		References Location(Loc_id)
5	Tmings	Timings	DATETIME			

## Ticket Table:

Table No.:6						
Table Name:		Ticket				
Table Description:		<i>Ticket details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	Ticket_id	Ticket id	INTEGER	PK	NOT NULL	IDENTITY(700,1)
2	Event_id	Event id	INTEGER	FK		References Event(Event_id)
3	User_id	User id	INTEGER	FK		References Registration(user_id)
4	Price	Price	Float			

## Location Table:

<b>Table No.:7</b>						
<b>Table Name:</b>		<b>Location</b>				
<b>Table Description:</b>		<i>Location details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	Loc_id	Location id	INTEGER	PK	NOT NULL	IDENTITY(300,1)
2	Building_Name	Building name	VARCHAR(50)			
3	Room_No	Room no	INTEGER			
4	City	City	VARCHAR(50)			
5	State	State	VARCHAR(50)			

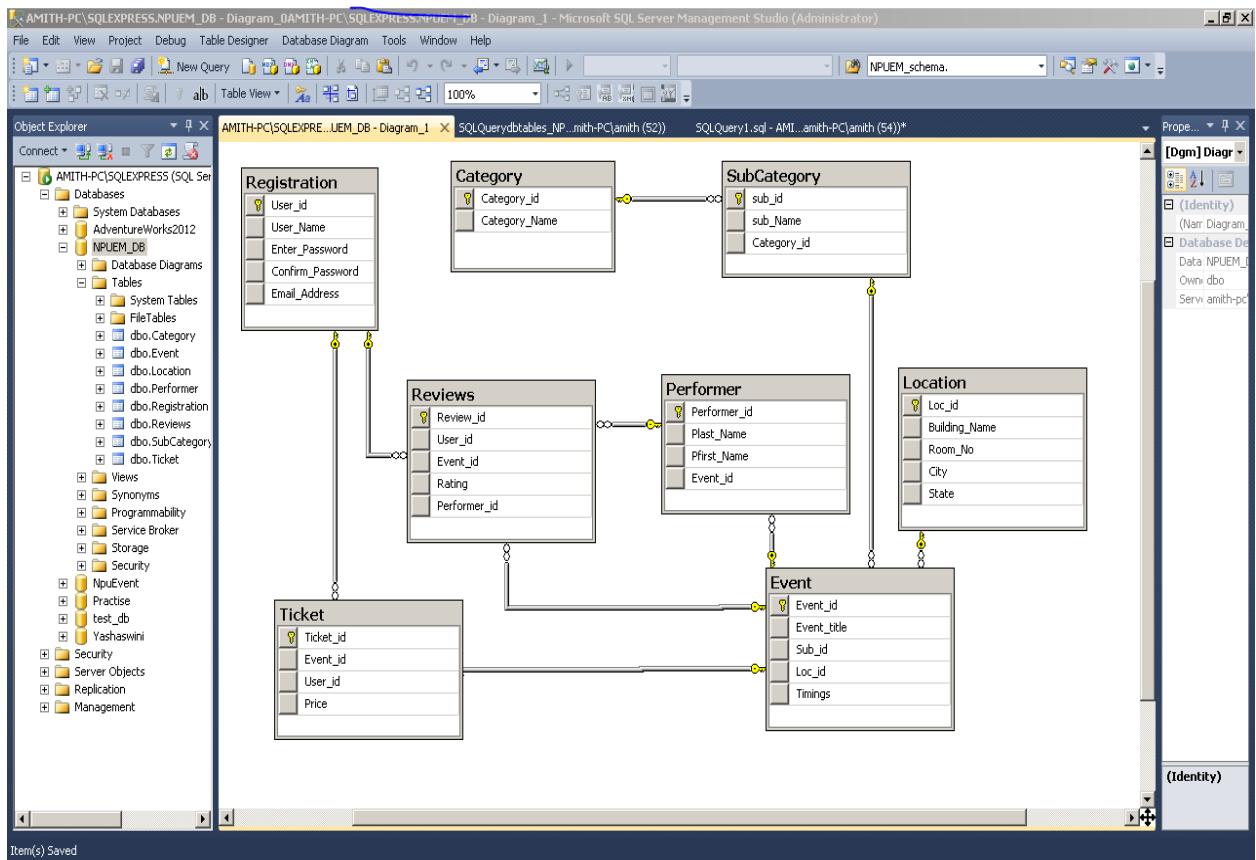
## Performer Table:

Table No.:8						
Table Name:		Performer				
Table Description:		<i>Performer details</i>				
Seq. #	Column Name	Column Description	Column Type	PK/FK?	Null/NOT NULL	Remarks
1	Performer_id	Performer id	INTEGER	PK	NOT NULL	IDENTITY(500,1)
2	Plast_Name	Performer last name	VARCHAR(50)			
3	Pfirst_Name	Performer first name	VARCHAR(50)			
4	Event_id	Event id	INTEGER	FK		References Event(Event_id)

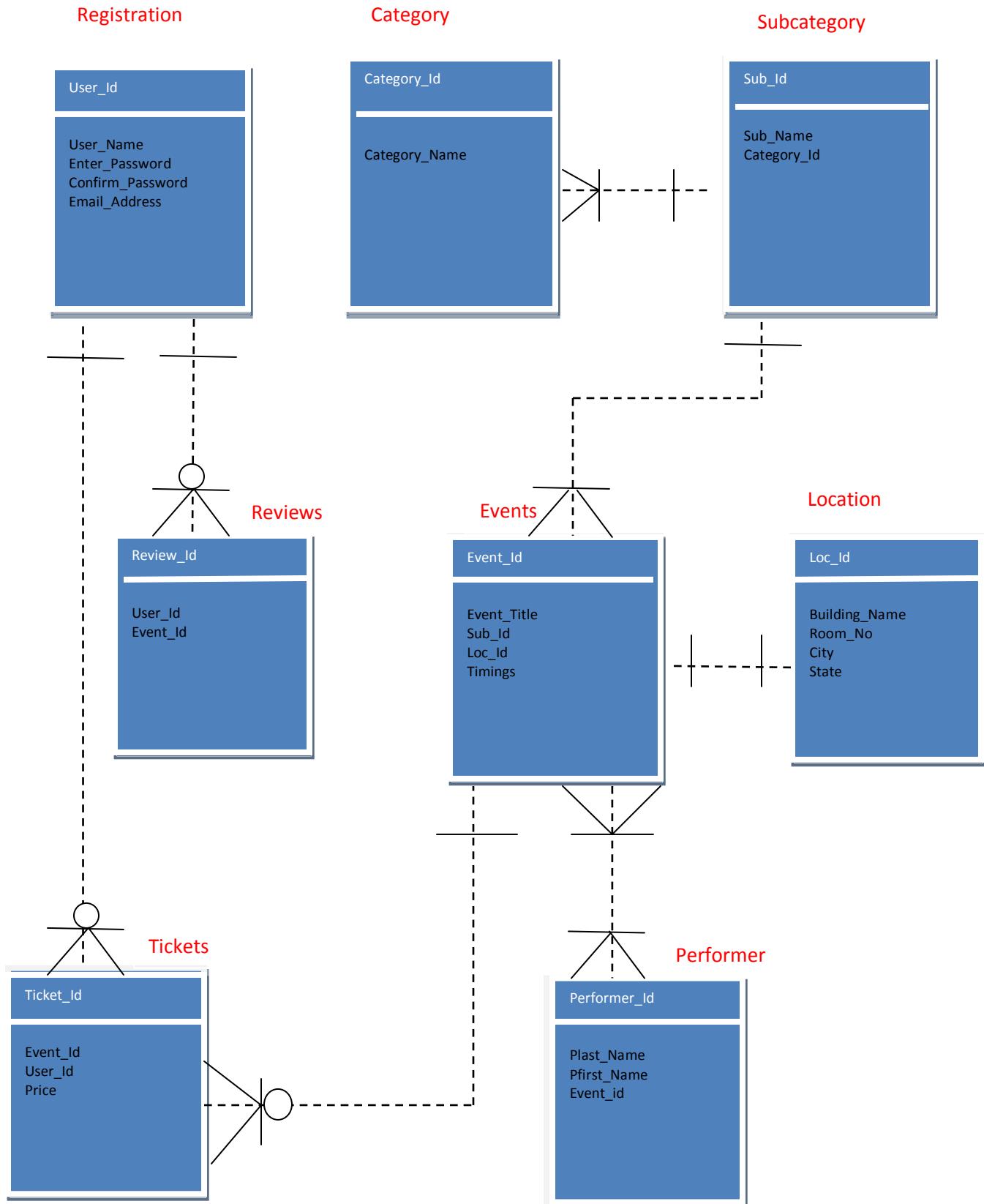
## Source script for creation of tables:



## Database Diagram:



## Entity-Relationship Diagram (ERD):



### **3. Insertion of sample data into tables**

**Registration – This table gets auto-populated/update from front-end when user does the registration**

User_id(PK)	User_Name(UK)	Enter_Password	Confirm_Password	Email_address
1	Priya	pri_12	pri_12	<a href="mailto:priya@gmail.com">priya@gmail.com</a>
2	Shalini	sha_12	sha_12	<a href="mailto:shalini@gmail.com">shalini@gmail.com</a>
3	Prathyusha	pra_12	pra_12	<a href="mailto:prathyusha@gmail.com">prathyusha@gmail.com</a>
4	Yashu	yas_12	yas_12	<a href="mailto:yashu@gmail.com">yashu@gmail.com</a>

#### **Category**

Category_id(PK),IDENTITY	Category_Name
100	Induction
101	Cultural Fest
102	Sports
103	Seminars
104	Job Fair
105	Convocation

#### **Subcategory**

sub_id(PK),IDENTITY	sub_Name	Category_id(FK)
200	Faculty Intro	100
201	Campus Overview	100
202	Music	101
203	Dance	101
204	Football	102
205	Baseball	102
206	Technical	103
207	Non-Technical	103
208	OffCampus	104
209	OnCampus	104
210	Annual Party	105
211	Gradwalk	105

#### **Location**

Loc_id(PK),IDENTITY	Building_Name	Room_No	City	State
300	South	312	Fremont	California

301	East	106	Fremont	California
302	West	205	Fremont	California
303	Admin	112	Fremont	California
304	South	300	Fremont	California
305	East	110	Fremont	California
306	West	212	Fremont	California
307	Admin	115	Fremont	California

### Event

Event_id(PK),IDENTITY	Event_title	Sub_id(FK)	Loc_id(FK)	Timings
400	Faculty Intro Summer 2014	200	300	2014-05-13 12:30:00.000
401	Campus Overview Summer 2014	201	300	2014-05-13 12:30:00.000
402	Music Summer 2014	202	301	2014-06-20 04:30:00.000
403	Football Summer 2014	204	302	2014-06-20 05:30:00.000
404	Technical Summer 2014	206	306	2014-06-20 03:30:00.000
405	Non-Technical Summer 2014	207	304	2014-06-20 12:30:00.000
406	Faculty Intro Fall 2014	200	300	2014-08-20 12:30:00.000
407	Campus Overview Fall 2014	201	300	2014-08-20 12:30:00.000
408	Dance Summer 2014	203	302	2014-06-01 05:30:00.000
409	OnCampus Summer 2014	209	303	2014-07-25 03:30:00.000
410	Non-Technical Summer 2014	207	300	2014-06-20 12:30:00.000
411	Baseball Summer 2014	205	306	2014-06-01 05:30:00.000
412	AnnualParty Summer 2014	210	307	2014-07-25 03:30:00.000
413	Gradwalk Summer 2014	211	304	2014-06-20 12:30:00.000

### Performer

Performer_id(PK),IDENTITY	Plast_Name	Pfirst_Name	Event_id(FK)

500	Li	Kong	404
501	Smith	John	402
502	Patil	Ruchita	408
503	Kollam	Amith	403
504	Chang	Henry	400
505	Gazvini	Mariam	401
506	Jain	Nivedita	405
507	Yin	Wen	412
508	Gazvini	Mariam	413
509	Ruchita	Patil	402

### Reviews

Review_id(PK), IDENTITY	User_id(FK)	Event_id(FK)	Rating	Performer_id(FK)
600	1	402	3	501
601	2	404	2	500
602	3	412	5	507
603	4	413	3	508
604	1	408	3	502

### Ticket

Ticket_id(PK), IDENTITY	Event_id(FK)	User_id(FK)	Price
700	402	1	5
701	404	2	10
702	408	1	5
703	412	3	5
704	413	4	0

### Source script for insertion of sample data into tables:



#### **4. Stored Procedures to perform Add/Update/Delete operations:**

##### **1. GetAllEventDetails**

The screenshot shows a SQL Server Management Studio window titled "SQLQuery2.sql - PRI...riya-PC\priya (52)\*". The query window contains the following T-SQL code:

```
USE NPUEM_DB
GO
CREATE PROCEDURE [dbo].[GetAllEventDetails]
AS
BEGIN
SELECT Event.Loc_id, Event.Event_id, Event.Event_title, Performer.Pfirst_Name, Performer.Plast_Name, Location.Room_No, Location.City, Location.State, Event.Timings, Ticket.Price
from Event JOIN Location ON Event.Loc_id=Location.Loc_id
JOIN Performer ON Event.Event_id=Performer.Event_id
JOIN Ticket ON Event.Event_id=Ticket.Event_id
END
GO
EXEC dbo.GetAllEventDetails
```

The results pane displays a table with 6 rows of event details:

	Loc_id	Event_id	Event_title	Pfirst_Name	Plast_Name	Building_Name	Room_No	City	State	Timings
1	306	404	Technical Summer 2014	Kong	Li	West	212	Fremont	Californiam	2014-06
2	301	402	Music Summer 2014	John	Smith	East	106	Fremont	Californiam	2014-06
3	302	408	Dance Summer 2014	Ruchita	Patil	West	205	Fremont	Californiam	2014-06
4	307	412	AnnualParty Summer 2014	Wen	Yin	Admin	115	Fremont	Californiam	2014-07
5	304	413	Gradwalk Summer 2014	Mariam	Gazvini	South	300	Fremont	Californiam	2014-06
6	301	402	Music Summer 2014	Patil	Ruchita	East	106	Fremont	Californiam	2014-06

The status bar at the bottom indicates: "Query executed successfully." and "6 rows".

2. GetCategoryDetails
3. GetEventDetails
4. AddCategoryDetails

SQLQuery3.sql - PRIYA-PC\SQLEXPRESS.NPUEM\_DB (priya (53)) - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug Properties

Object Explorer

PRIYA-PC\SQLEXPRESS (SQL Server 11.0.3000) NPUEM\_DB

Databases System Databases AdventureWorks2012 NPUEM\_DB Database Diagrams Tables Views Synonyms Programmability Stored Procedures System Stored Procedures dbo.AddCategoryDetails dbo.AddEventDetails dbo.AddSubCategoryData dbo.DeleteEventDetails dbo.DeleteSubCategoryDe dbo.GetAllEventDetails dbo.GetCategoryDetails dbo.GetEventDetails dbo.UpdateCategoryDetail dbo.UpdateEventDetails Functions Database Triggers

SQLQuery3.sql - PRI...riya-PC\priya (53)\* SQLQuery2.sql - PRI...riya-PC\priya (52)\*

```

USE NPUEM_DB
GO
CREATE PROCEDURE [dbo].[AddCategoryDetails]
@CategoryName Varchar(50),
@SubCategoryName Varchar(50)
AS
BEGIN
    DECLARE @NewCatID INTEGER
    INSERT INTO Category (Category_Name)
    VALUES (@CategoryName)
    SET @NewCatID = SCOPE_IDENTITY()
    INSERT INTO Subcategory (Sub_Name,Category_Id)
    VALUES (@SubCategoryName,@NewCatID)
END
GO
EXEC dbo.AddCategoryDetails 'Techtalk','CS'
GO

```

Messages

(1 row(s) affected)

(1 row(s) affected)

Properties

Current connection parameters

Aggregate Status  
Connection failure  
Elapsed time 00:00:00.051  
Finish time 4/4/2014 6:51:48 PM  
Name PRIYA-PC\SQLEXPRI  
Rows returned 0  
Start time 4/4/2014 6:51:47 PM  
State Open

Connection  
Connection name PRIYA-PC\SQLEXPRI  
Connection Details  
Connection elaps 00:00:00.051  
Connection finish 4/4/2014 6:51:48 PM  
Connection rows 0  
Connection start 4/4/2014 6:51:47 PM  
Connection state Open  
Display name PRIYA-PC\SQLEXPRI  
Login name priya-PC\priya  
Server name PRIYA-PC\SOLEXPRI

Name  
The name of the connection.

	Category_id	Category_Name	
1	100	Induction	
2	101	Cultural Fest	
3	102	Sports	
4	103	Seminars	
5	104	Job Fair	
6	105	Convocation	
7	106	Techtalk	
	sub_id	sub_Name	Category_id
6	205	Baseball	102
7	206	Technical	103
8	207	Non-Technical	103
9	208	OffCampus	104
10	209	OnCampus	104
11	210	Annual Party	105
12	211	Gradwalk	105
13	212	CS	106

## 5. AddEventDetails

The screenshot shows the Microsoft SQL Server Management Studio interface. In the Object Explorer, the database 'NPUEM\_DB' is selected. In the center pane, a query window titled 'SQLQuery3.sql - PRIYA-PC\SQLEXPRESS.NPUEM\_DB (priya-PC\priya (53))' contains the following T-SQL code:

```

VALUES (@Building,@Room,@City,@State)
SET @NewLocID = scope_identity()
INSERT INTO Event (Event_title,Sub_Id,Loc_id,Timings)
VALUES (@Event,@Sub_Id,@NewLocID,@Timings)
SET @NewEventID = scope_identity()
INSERT INTO Performer (Plast_Name,Pfirst_Name,Event_id)
VALUES (@Performer_l,@Performer_f,@NewEventID)
INSERT INTO Ticket (Event_id,Price)
VALUES (@NewEventID,@Price)
END
GO
EXEC dbo.AddEventDetails 'Summer CS Techtalk on Bigdata',212,'2014-06-13 12:30:00.000','Chris','Paul'
GO

```

The 'Messages' pane shows four rows affected by the insert statements. The status bar at the bottom indicates 'Query executed successfully.' and provides connection information.

	Event_id	Event_title	Sub_id	Loc_id	Timings
8	407	Campus Overview Fall 2014	201	300	2014-08-20 12:30:00.000
9	408	Dance Summer 2014	203	302	2014-06-01 05:30:00.000
10	409	OnCampus Summer 2014	209	303	2014-07-25 03:30:00.000
11	410	Non-Technical Summer 2014	207	300	2014-06-20 12:30:00.000
12	411	Baseball Summer 2014	205	306	2014-06-01 05:30:00.000
13	412	AnnualParty Summer 2014	210	307	2014-07-25 03:30:00.000
14	413	Gradwalk Summer 2014	211	304	2014-06-20 12:30:00.000
15	414	Summer CS Techtalk on Bigdata	212	308	2014-06-13 12:30:00.000

Query executed successfully. | PRIYA-PC\SQLEXPRESS (11.0 SP1) | priya-PC\priya (52) | NPUEM\_DB | 00:00:00 | 15 rows

## 6. AddSubCategoryDetails

## 7. UpdateCategoryDetails

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left shows the database structure for 'NPUEM\_DB'. Two queries are running in the center pane: 'SQLQuery3.sql' and 'SQLQuery5.sql'. The results of 'SQLQuery5.sql' are displayed in the Messages tab, showing two rows affected by the 'UpdateCategoryDetails' procedure. The Properties panel on the right shows connection parameters like name, server, and state.

```

USE NPUEM_DB
GO
CREATE PROCEDURE [dbo].[UpdateCategoryDetails]
@CategoryID INTEGER,
@SubCategoryID INTEGER,
@CategoryName Varchar(50),
@SubCategoryName Varchar(50)
AS
BEGIN
    UPDATE Category
    SET Category_Name=@CategoryName
    WHERE Category_Id=@CategoryID
    UPDATE SubCategory
    SET Sub_Name=@SubCategoryName
    WHERE Sub_Id=@SubCategoryID
END
GO
EXEC dbo.UpdateCategoryDetails 106,212,'IEEE Seminar','VLSI'
GO

```

(1 row(s) affected)  
(1 row(s) affected)

Query executed successfully.

	Category_id	Category_Name	
1	100	Induction	
2	101	Cultural Fest	
3	102	Sports	
4	103	Seminars	
5	104	Job Fair	
6	105	Convocation	
7	106	IEEE Seminar	

	sub_id	sub_Name	Category_id
6	205	Baseball	102
7	206	Technical	103
8	207	Non-Technical	103
9	208	OffCampus	104
10	209	OnCampus	104
11	210	Annual Party	105
12	211	Gradwalk	105
13	212	VLSI	106

8. UpdateEventDetails
9. DeleteEventDetails
10. DeleteSubCategoryDetails
11. Highest rated Event
12. Highest rated Performer

## Source script for stored procedures:



## 5. SQL queries to perform user functions:

1. 

```
SqlCommand cmd = new SqlCommand("select COUNT(*)FROM Registration WHERE User_Name='" + TextBox1.Text + " and Password='" + TextBox2.Text + "'");
```
2. 

```
SqlCommand cmd = new SqlCommand("select * from Registration where User_Name='" + TextBox1.Text + "'", con);
String str = "insert into Registration values('" + TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text + "')";
```

### Join:

```
SELECT e.Event_title AS [Event name],CONCAT(Pfirst_Name,' ',Plast_Name) AS [Performer name],l.Building_Name AS [Building name],l.Room_No AS Room,l.City,l.State,e.Timings,t.Price
FROM Event e INNER JOIN Performer p ON e.Event_id=p.Event_id
INNER JOIN Location l ON e.Loc_id= l.Loc_id
INNER JOIN Ticket t ON e.Event_id=t.Event_id
```

The screenshot shows the Microsoft SQL Server Management Studio interface. The query window displays the following SQL code:

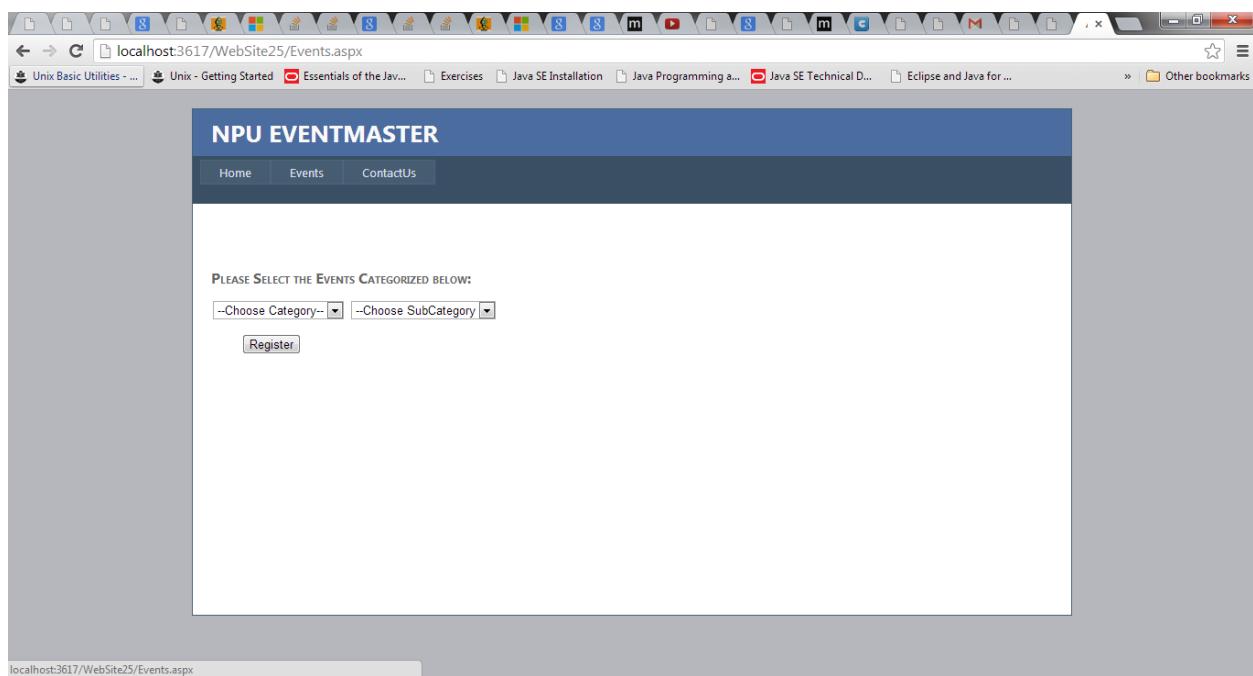
```
SELECT e.Event_title AS [Event name],CONCAT(Pfirst_Name,' ',Plast_Name) AS [Performer name],l.Building_Name AS [Building name],l.Room_No AS Room,l.City,l.State,e.Timings,t.Price
FROM Event e INNER JOIN Performer p ON e.Event_id=p.Event_id
INNER JOIN Location l ON e.Loc_id= l.Loc_id
INNER JOIN Ticket t ON e.Event_id=t.Event_id
```

The results pane shows the following data:

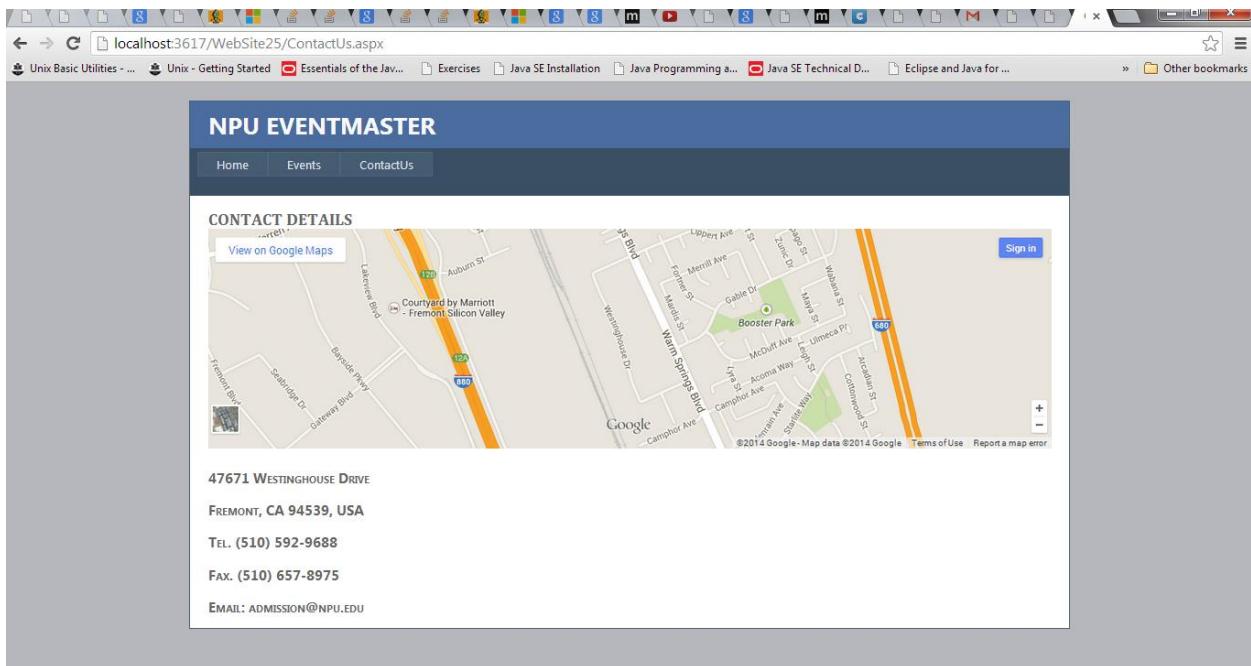
Event name	Performer name	Building name	Room	City	State	Timings	Price
1 Technical Summer 2014	Kong Li	West	212	Fremont	California	2014-06-20 03:30:00.000	10
2 Music Summer 2014	John Smith	East	106	Fremont	California	2014-06-20 04:30:00.000	5
3 Dance Summer 2014	Ruchita Patil	West	205	Fremont	California	2014-06-01 05:30:00.000	5
4 AnnualParty Summer 2014	Wen Yin	Admin	115	Fremont	California	2014-07-25 03:30:00.000	5
5 Gradwalk Summer 2014	Marian Gazvini	South	300	Fremont	California	2014-06-20 12:30:00.000	0
6 Music Summer 2014	Patil Ruchita	East	106	Fremont	California	2014-06-20 04:30:00.000	5
7 Summer CS TechTalk on Bigdata	Paul Chris	East	135	Fremont	California	2014-06-13 12:30:00.000	50

The status bar at the bottom indicates: Query executed successfully. | PRIYA-PC\SQLEXPRESS (11.0 SP1) | priya-PC\priya (52) | NPUEM\_DB | 00:00:00 | 7 rows.

- 3. Event Module:** This module display the events based on category and subcategory

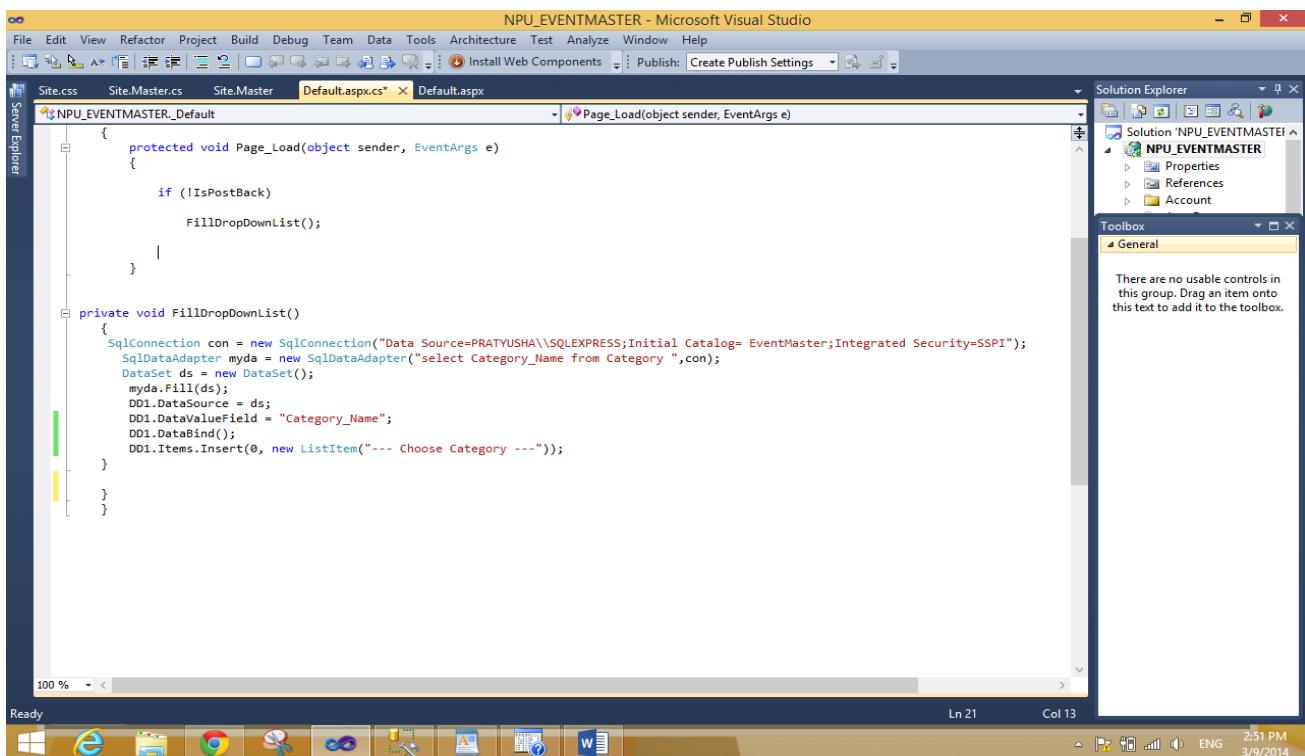


- 4. Contact Us:** This module displays address information and contact details.



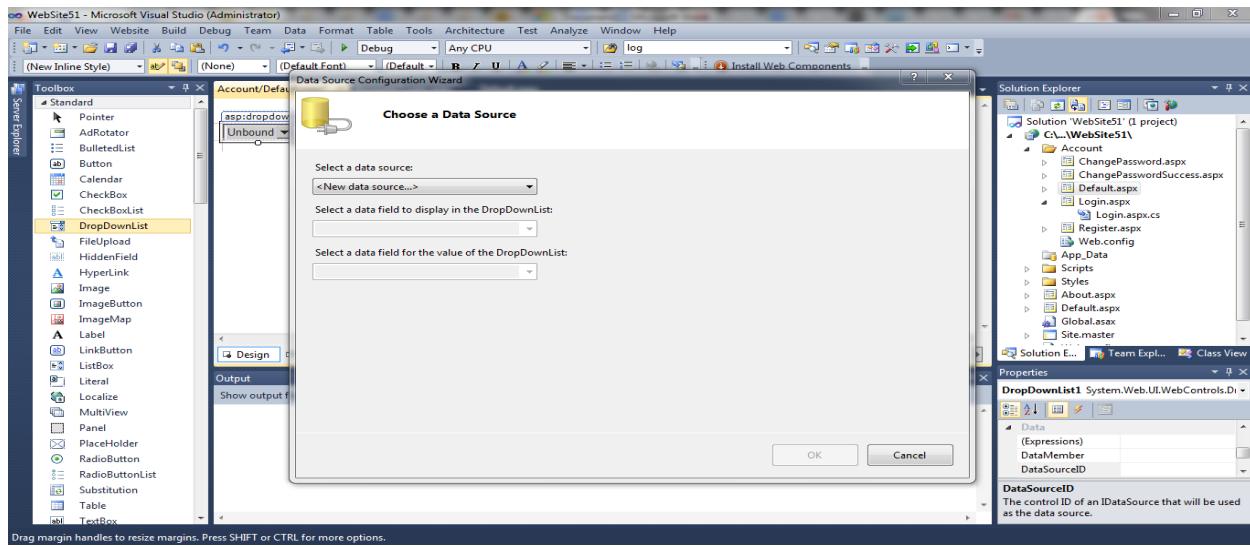
## Design of application accessing the database:

1. Below screenshot shows connection to SQL Server database with .Net (Front end).

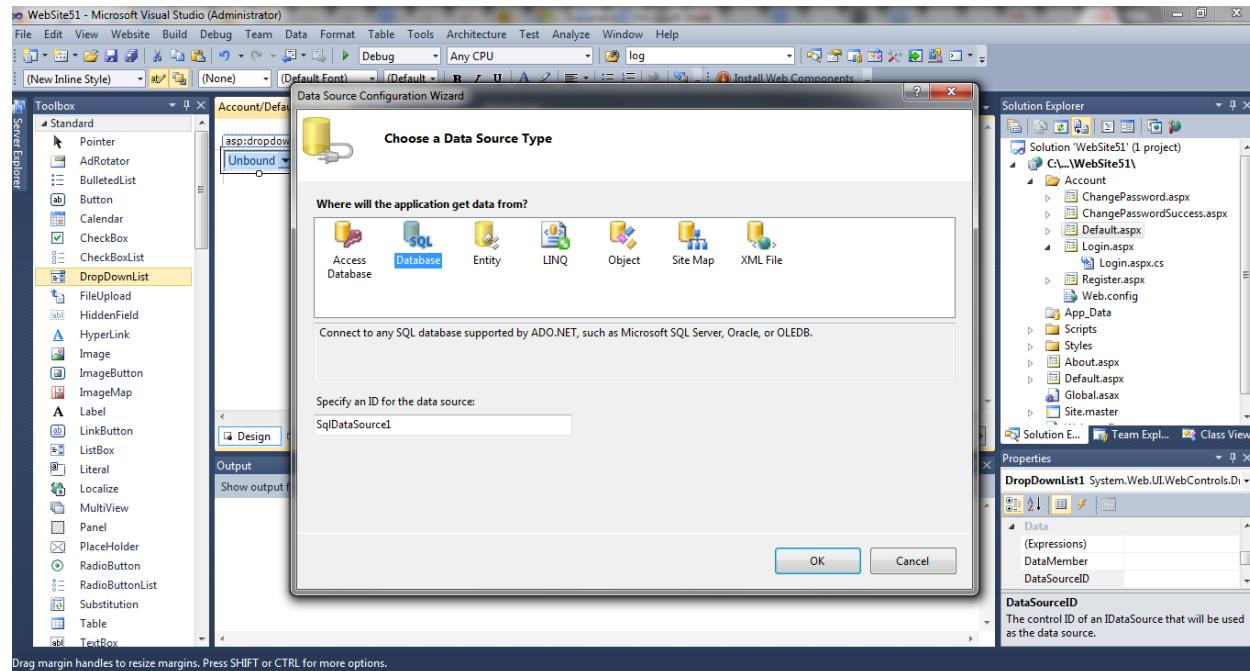


## 2. Front end (ADO.net) Connection between Visual studio and SQL Server Management Studio

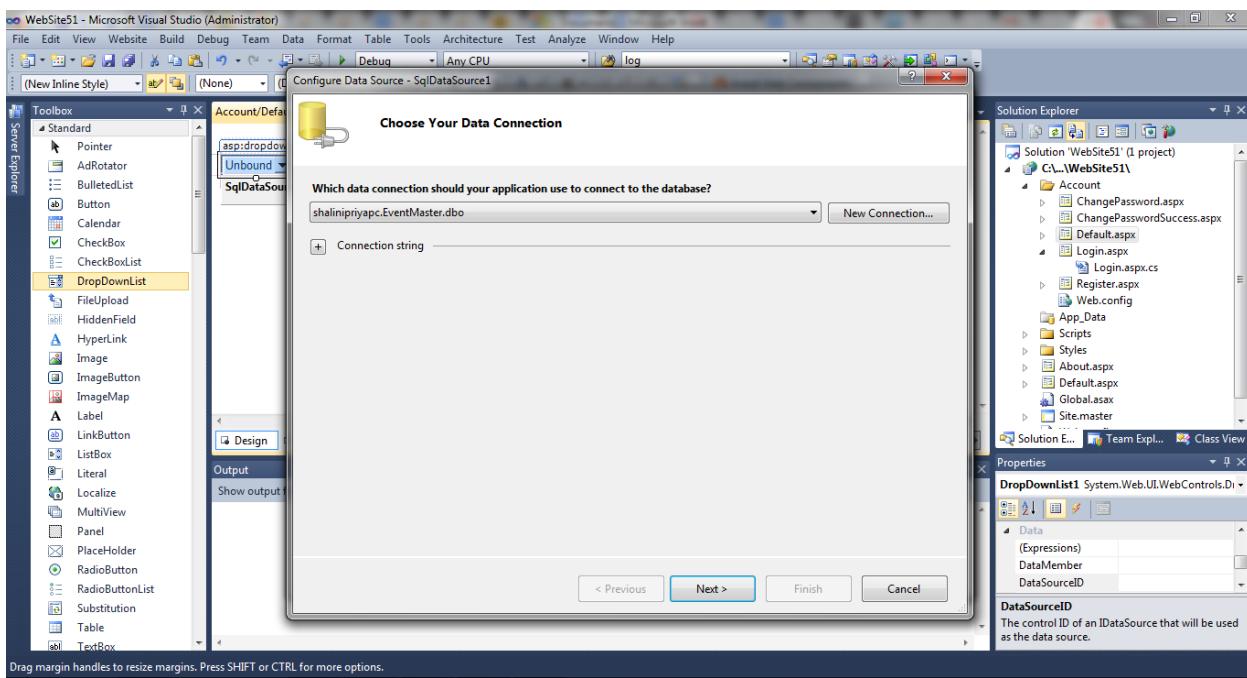
### Step1:



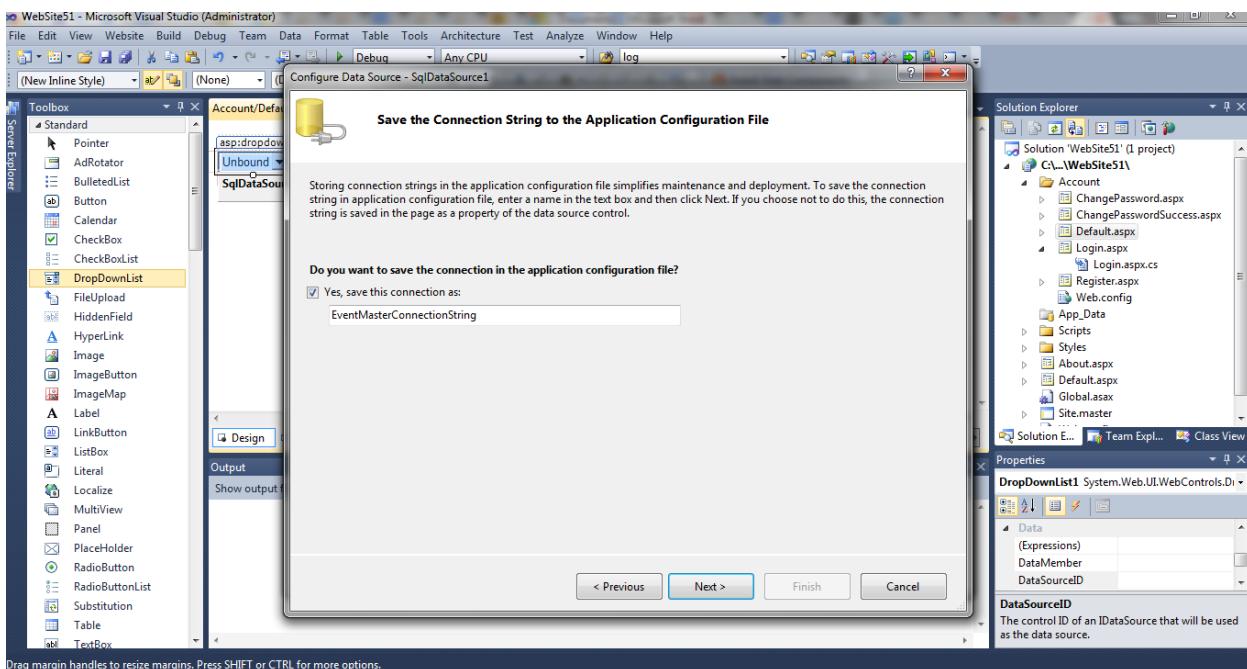
### Step2: Choosing a Data Source:



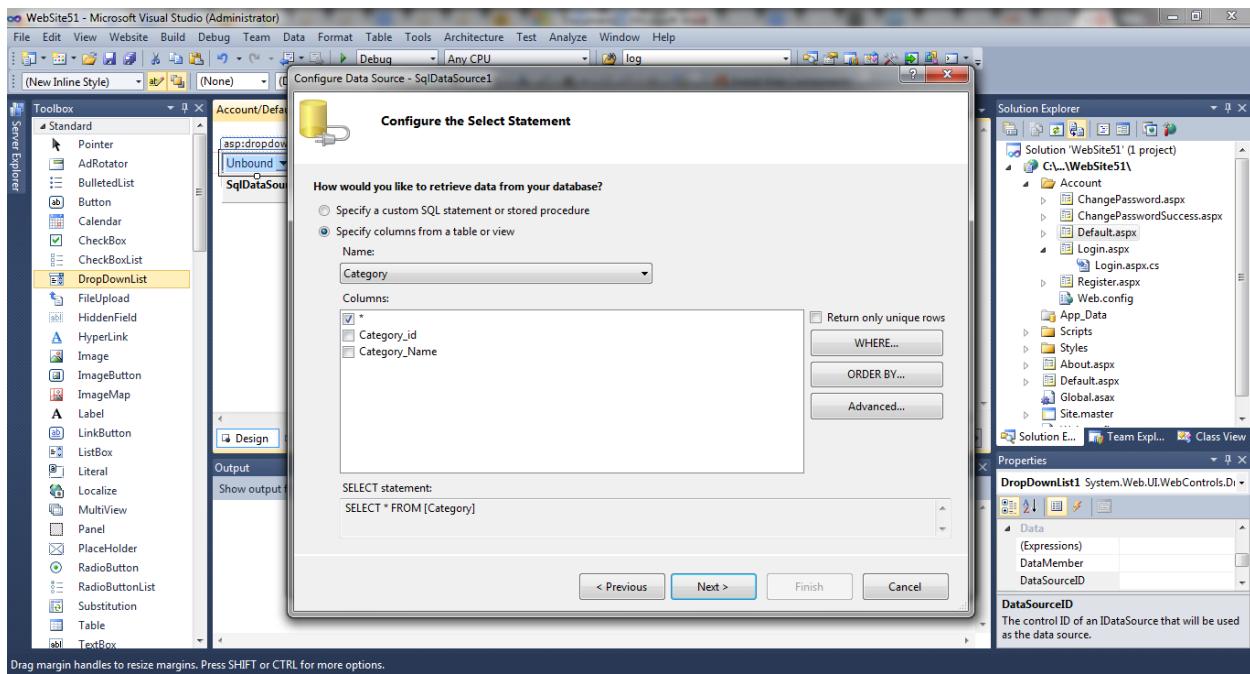
### Step3: Database Connection using Connection String:



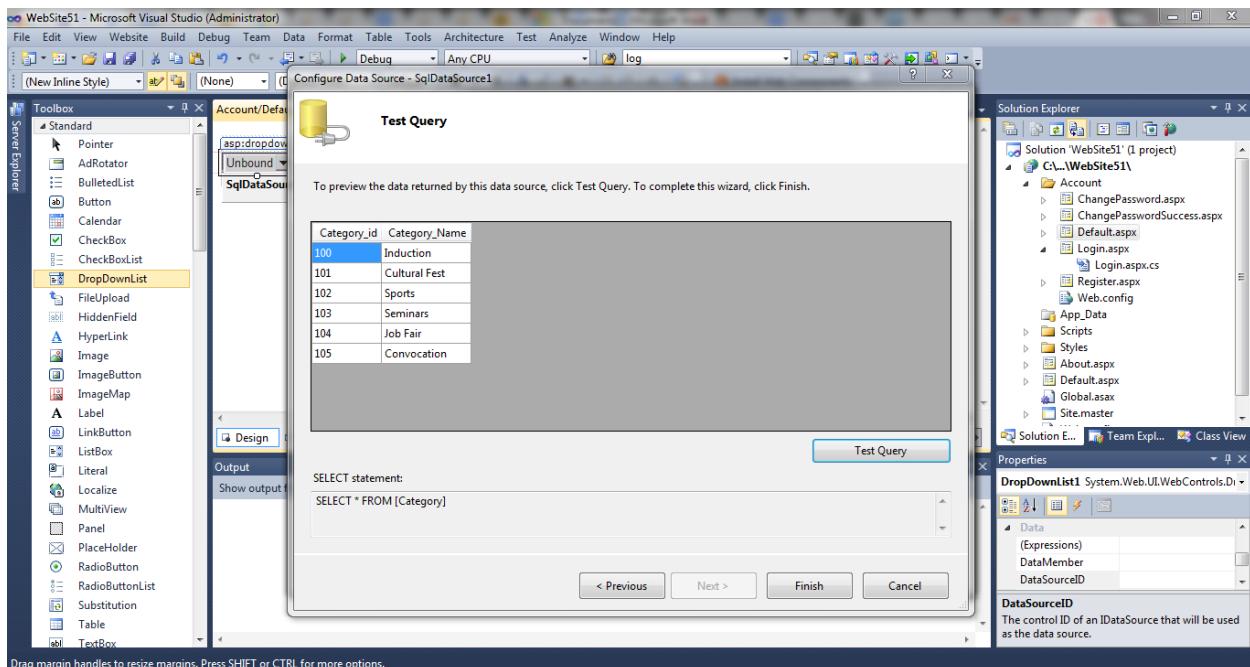
#### Step 4: Connection String & Configuration File:



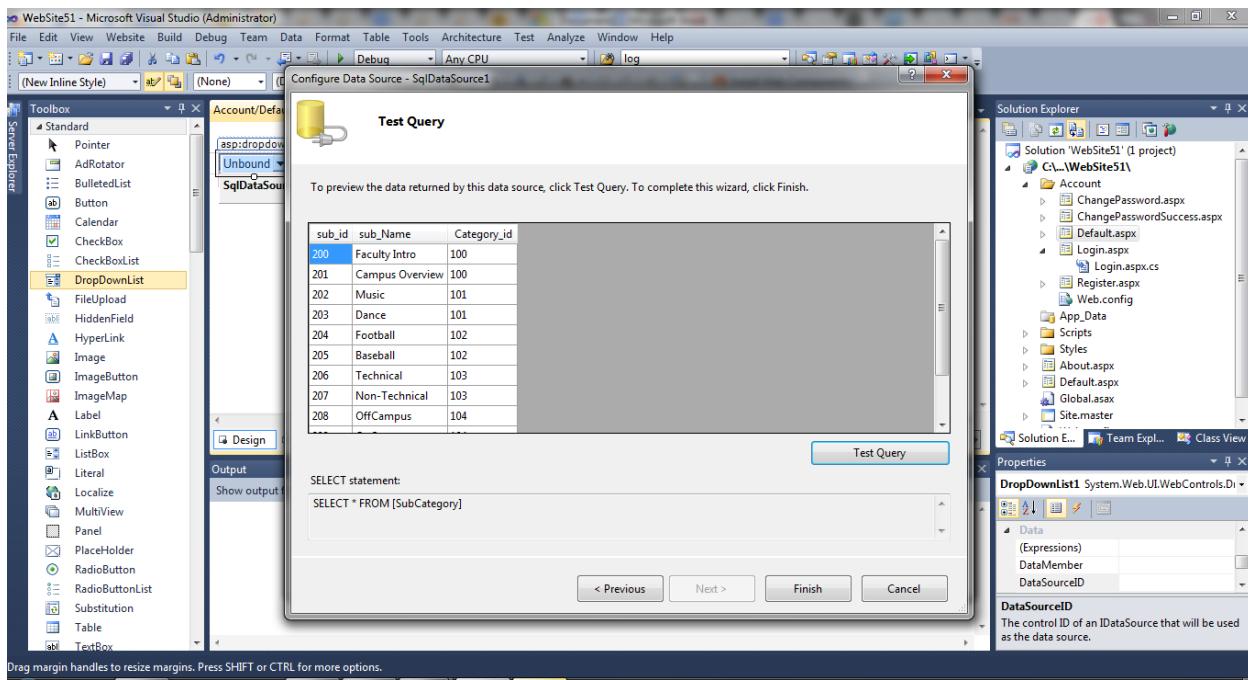
#### Step5: Selecting the tables from SQL Server Management Studio:



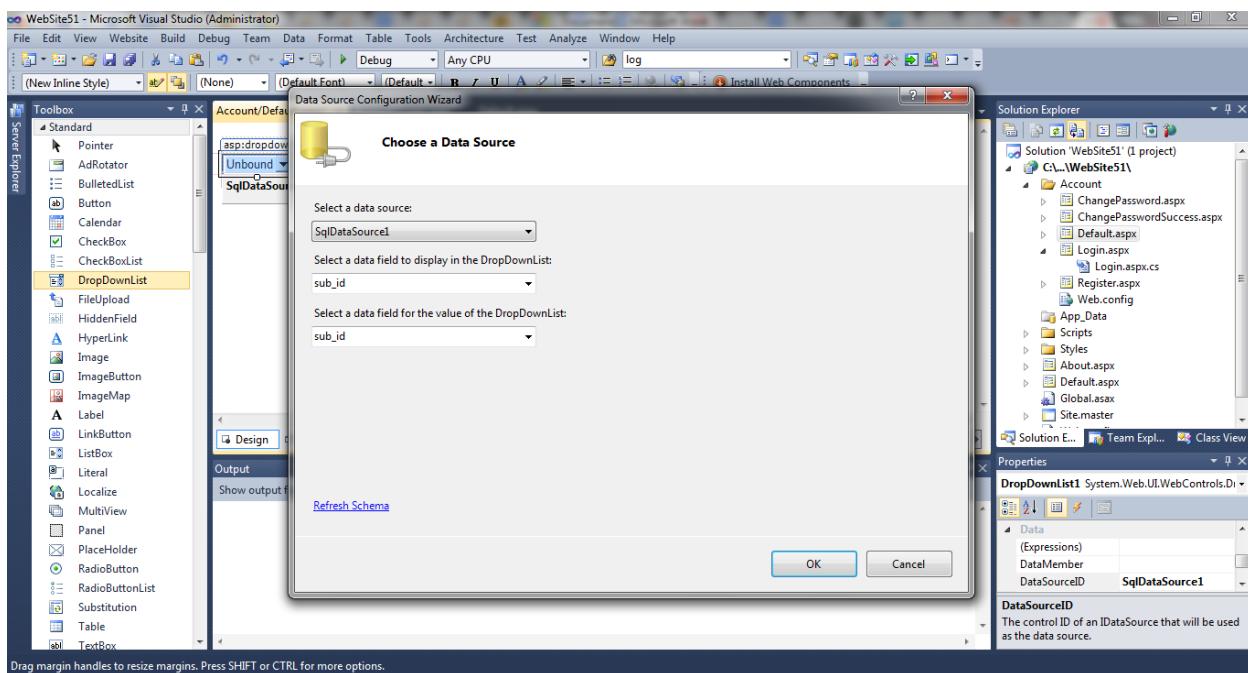
## Step6: Retrieving the data from SQL Server



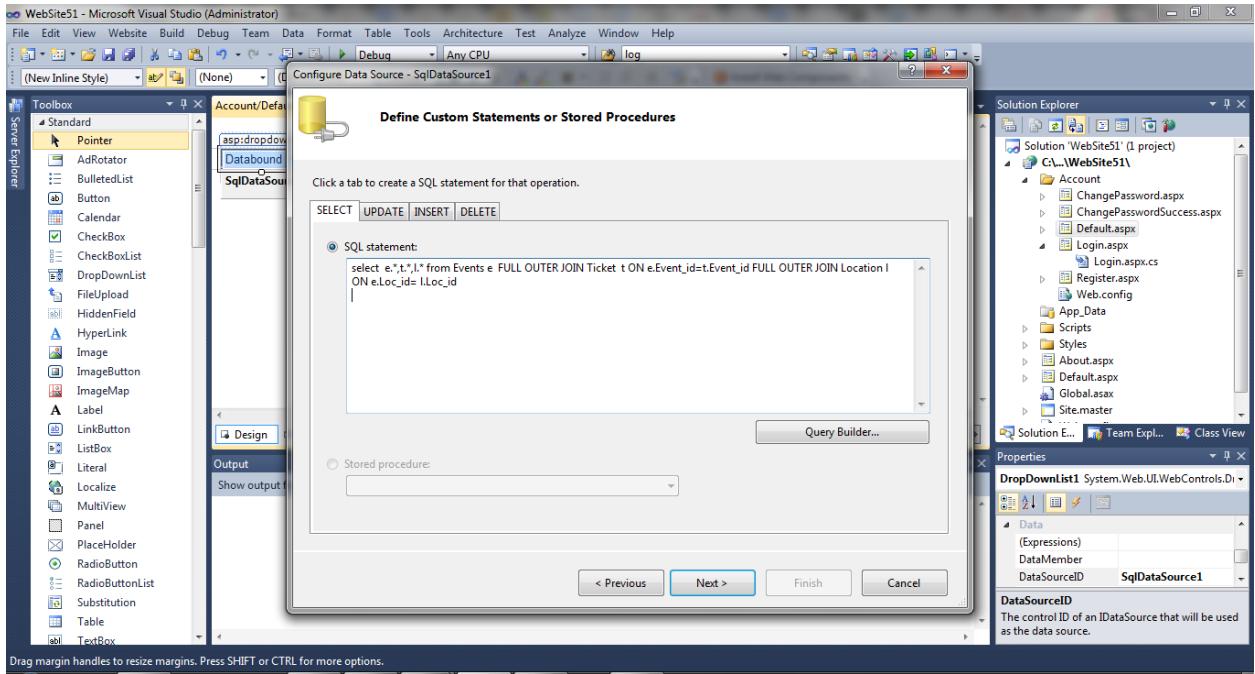
## Step7:



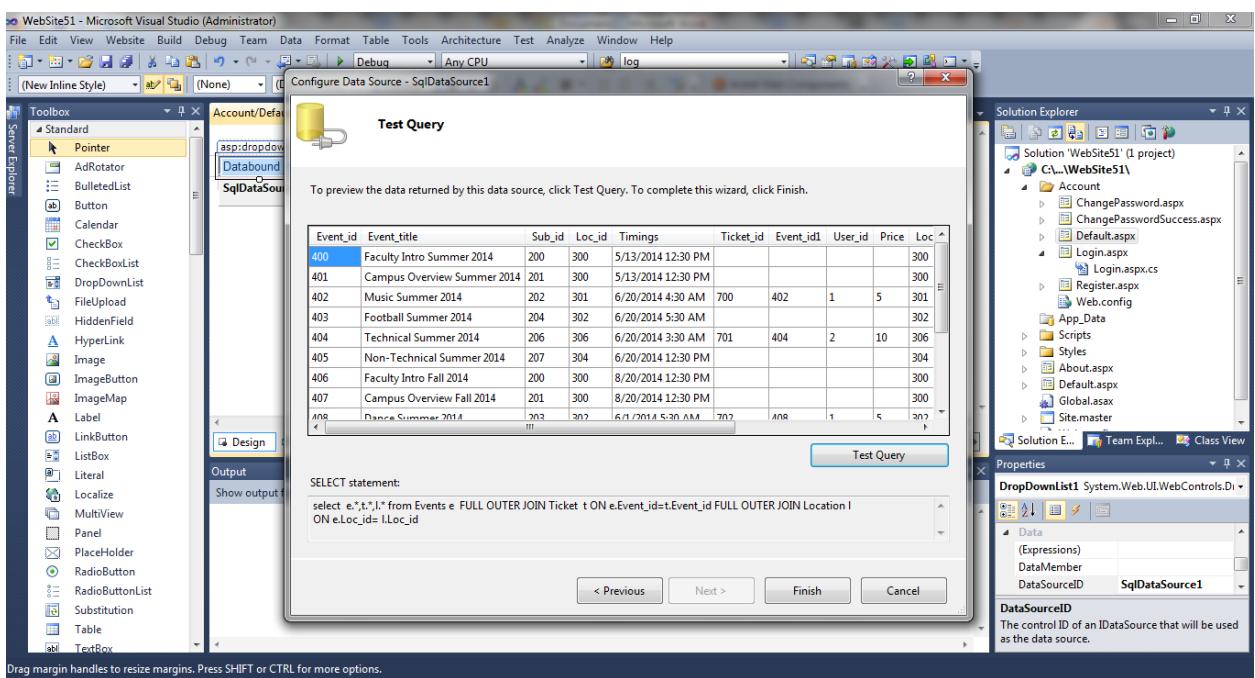
## Step8:



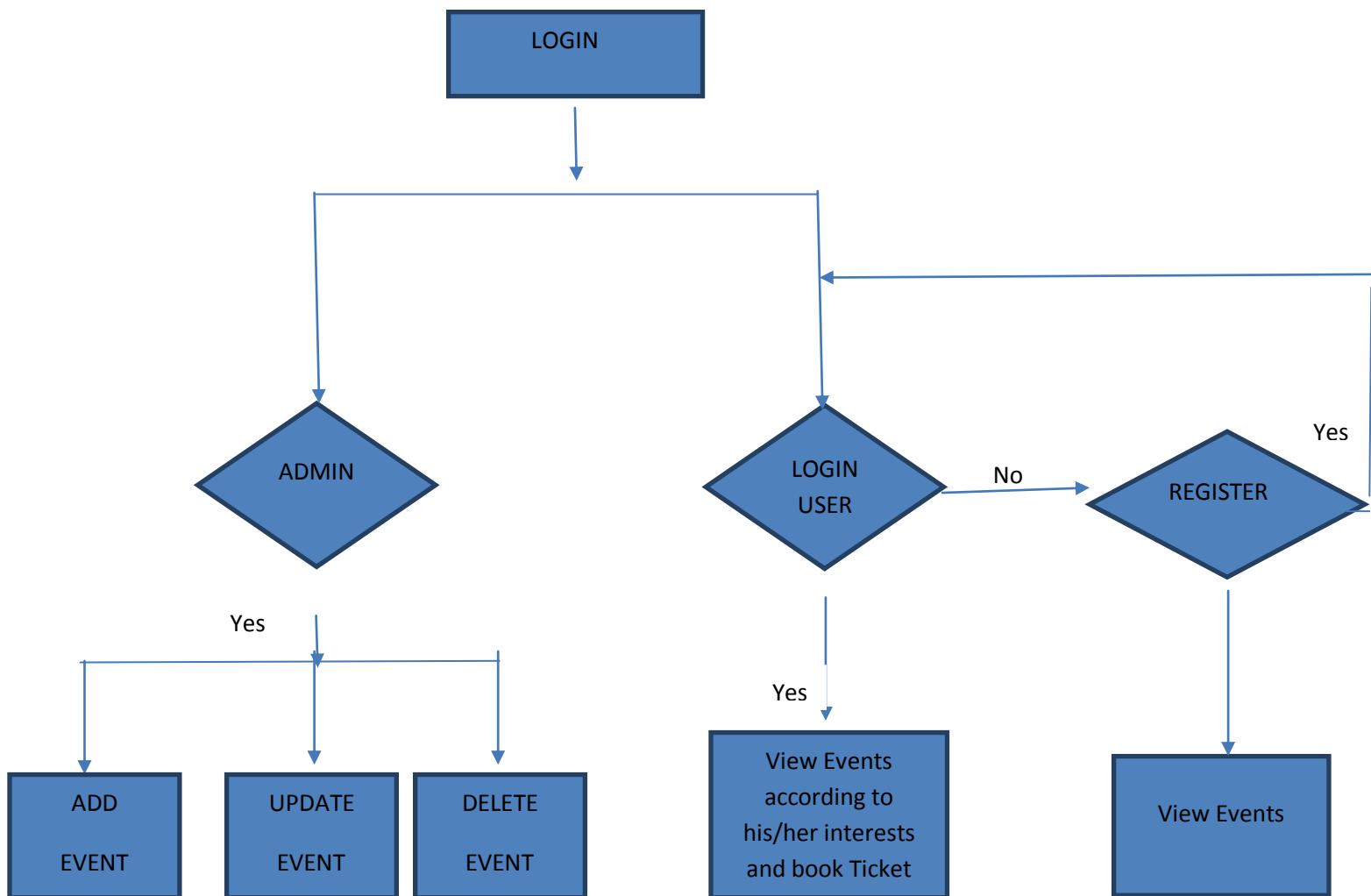
## Step9: Customization of Queries using Wizard:



## Step10:



## **Logical view of the Project:**



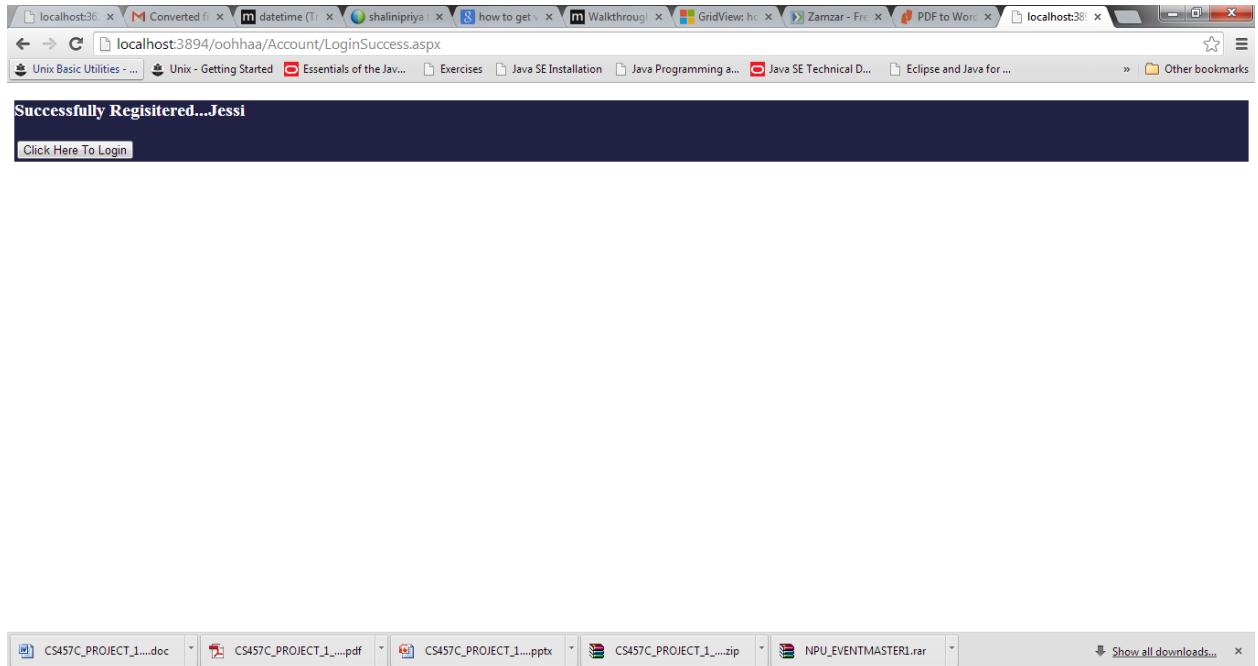
## User Functionalities:

Step1:

RegistrationPage: In this page user can register for his account.

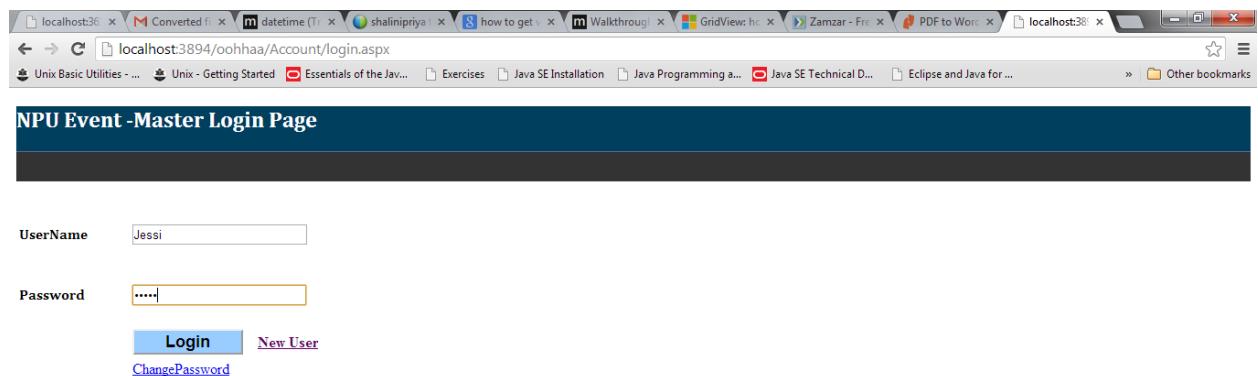
The screenshot shows a registration form titled "NPU Event-Master Registration Page". The form includes fields for UserName, Password, ReType Password, Mobile Number, Email Id, and Enter Captcha. An error message "UserName is Available" is displayed next to the UserName field. Another error message "You have Entered InValid Captcha Characters please Enter again" is displayed next to the Captcha input field. The browser's address bar shows the URL "localhost:3894/oohhaa/Account/Registration.aspx".

Step2:Then User will be redirected to LoginPage with message display as "Successfully Registered"

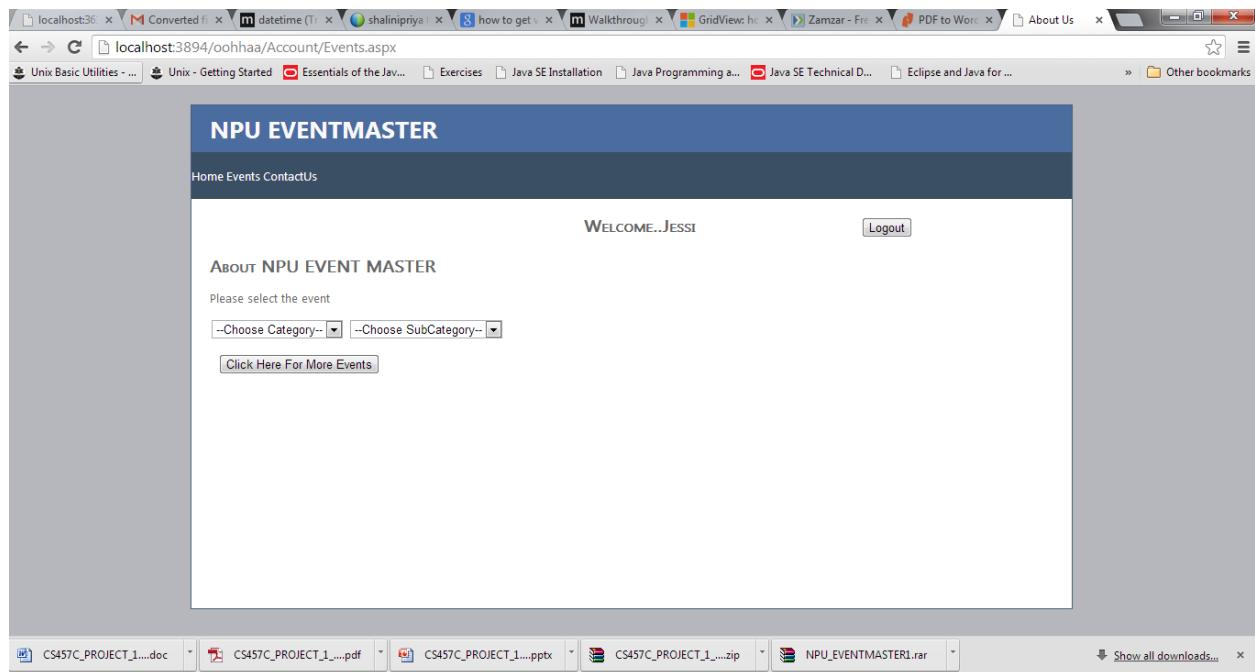


### Step3:

Then User will be able to login into his account with Username and Password.



Step4: From Dropdownlist user will able to select his interested areas to select for various categorized events.



Step5: When user clicks on some event ,it displays the details of event with respect to name of the event,timings,price,Ticket\_id,Buildingname,room\_no,city,state etc...,

WELCOME..JESSI [Logout](#)

ABOUT NPU EVENT MASTER

Please select the event

Cultural Fest

Event_id	Event	Timings	Price	Ticket_id	Building_Name	Room_No	City	State
408	Dance Summer 2014	6/1/2014 5:30:00 AM	\$5	702	West	205	Fremont	California

[Click Here For More Events](#)

Step6: Then user will be able to select it and then submit for single event.And also if he want to participate in multiple events he can click on “Click Here For More Events” button at the bottom under the grid view table.

WELCOME..JESSI [Logout](#)

ABOUT NPU EVENT MASTER

Please select the event

Cultural Fest

Event_id	Event	Timings	Price	Ticket_id	Building_Name	Room_No	City	State
408	Dance Summer 2014	6/1/2014 5:30:00 AM	\$5	702	West	205	Fremont	California

[Click Here For More Events](#)

javascript:\_doPostBack('ctl00\$MainContent\$GridView1','Select\$0')

Step7: When User click submit for a event then user will redirected to the following page which will ask for complete details of user like Fullname, lastname, EventID.

The screenshot shows a web browser window with the URL [localhost:3894/oohhaa/Account/SubmitEvent.aspx](http://localhost:3894/oohhaa/Account/SubmitEvent.aspx). The page title is "Please Enter the Below Details...". The form contains three text input fields: "First Name" with value "jessi", "Last Name" with value "jessica", and "Event ID" with value "408". Below the form are two buttons: "Submit" and "Back To Events Page". The browser's address bar and various tabs are visible at the top.

Please Enter the Below Details...

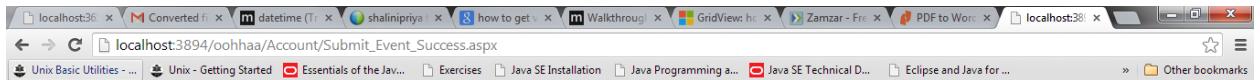
First Name:

Last Name:

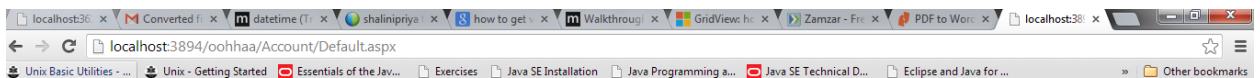
Event ID:



Step8:Then once user is registered with the event it will display as below:



Step9:Then he will redirected the remaining events page.If he is interested he can register or else user can end hi session.



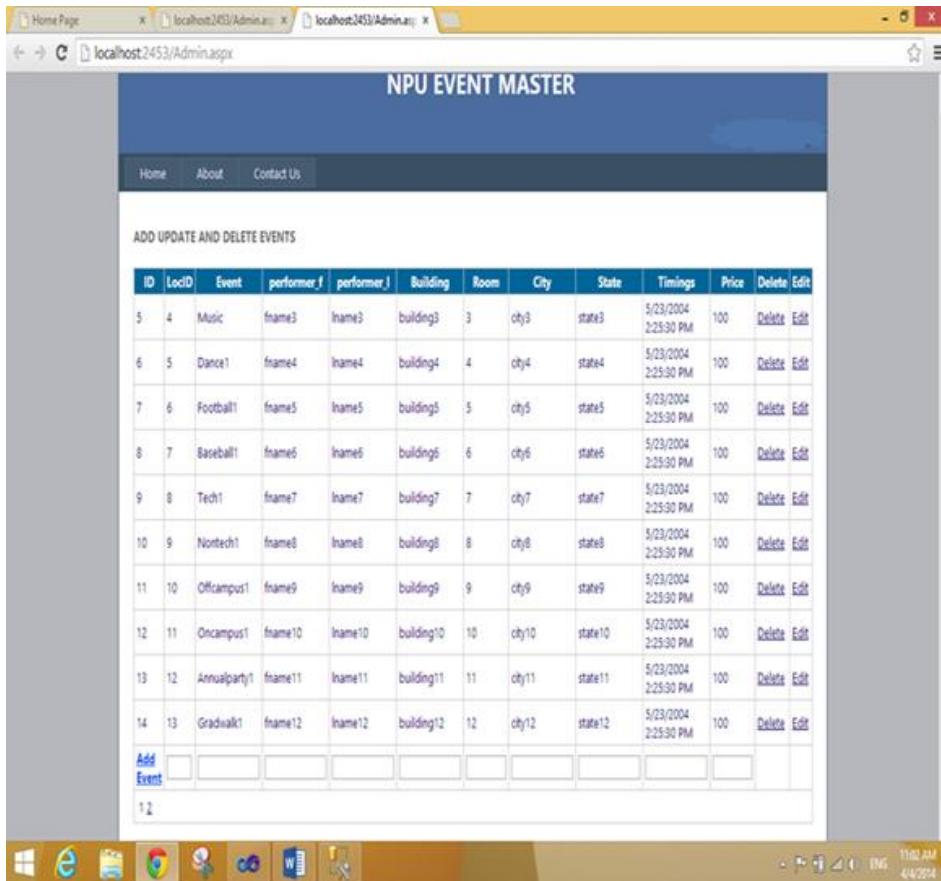
	Event_id	Event	Timings	Price	Ticket_id	Building_Name	Room_No	City	State	
Select	402	Music Summer 2014	6/20/2014 4:30:00 AM	5	700	East	106	Fremont	California	<a href="#">Submit</a>
Select	404	Technical Summer 2014	6/20/2014 3:30:00 AM	10	701	West	212	Fremont	California	<a href="#">Submit</a>
Select	408	Dance Summer 2014	6/1/2014 5:30:00 AM	5	702	West	205	Fremont	California	<a href="#">Submit</a>
Select	412	AnnualParty Summer 2014	7/25/2014 3:30:00 AM	5	703	Admin	115	Fremont	California	<a href="#">Submit</a>
Select	413	Gradwalk Summer 2014	6/20/2014 12:30:00 PM	0	704	South	300	Fremont	California	<a href="#">Submit</a>
Select	403	Football Summer 2014	6/20/2014 5:30:00 AM	5	705	West	205	Fremont	California	<a href="#">Submit</a>
Select	411	Baseball Summer 2014	6/1/2014 5:30:00 AM	15	706	West	212	Fremont	California	<a href="#">Submit</a>
Select	405	Non-Technical Summer 2014	6/20/2014 12:30:00 PM	10	707	South	300	Fremont	California	<a href="#">Submit</a>
Select	409	OnCampus Summer 2014	7/25/2014 3:30:00 AM	10	708	Admin	112	Fremont	California	<a href="#">Submit</a>
Select	410	Non-Technical Summer 2014	6/20/2014 12:30:00 PM	10	709	South	312	Fremont	California	<a href="#">Submit</a>

1 2



## Admin functionalities:

**Admin login:** When Admin logins, he can view all the Events as shown in below screenshot



## **Adding an event:**

Admin can mention all the values of a New Event in the textboxes provided in the Footer of the grid. When he clicks on Add Event, New Event will be added in the frontend as well as in the Database.

The screenshot shows a Windows desktop with a web browser window titled "NPU EVENT MASTER". The browser has three tabs open, all pointing to "localhost:2453/Admin.aspx". The main content area displays a grid of event data with columns: ID, LocID, Event, performer\_f, performer\_l, Building, Room, City, State, Timings, Price, Delete, and Edit. Below the grid is a form for adding new events, with fields for ID (set to 1), LocID, Event, performer\_f, performer\_l, Building, Room, City, State, Timings, and Price. A blue arrow points from the "Timings" field in the grid to the "Timings" field in the add form. At the bottom of the page, there is a link "Add Categories".

ID	LocID	Event	performer_f	performer_l	Building	Room	City	State	Timings	Price	Delete	Edit
22	4	facultyintro1	fname13	lname13	building3	3	city3	state3	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
27	14	insevent	insperff	insperfl	insbuilding	3	inscity	insstate	5/23/2004 2:25:30 PM	200	<a href="#">Delete</a>	<a href="#">Edit</a>
28	15	campus1	fname2	lname2	building2	2	city2	state2	5/23/2004 2:25:30 PM	1000	<a href="#">Delete</a>	<a href="#">Edit</a>
29	16	faculty2	fname1	lname1	building1	1	city1	state1	5/23/2004 2:25:30 PM	500	<a href="#">Delete</a>	<a href="#">Edit</a>
30	17	faculty11	pfirst	plast	building	1	city1	state1	5/23/2004 2:25:30 PM	200	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Event</a>	1	faculty3	performerfirst	performerlast	building3	3	city3	state3	5/23/2004 2:22	50		

NPU EVENT MASTER

Home About Contact Us

ADD UPDATE AND DELETE EVENTS

ID	LecID	Event	performer_f	performer_l	Building	Room	City	State	Timings	Price	Delete	Edit
22	4	faculty/intro1	fname13	lname13	building3	3	city3	state3	5/23/2004 2:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
27	14	insevent	insperff	insperfl	inbuilding	3	incity	instate	5/23/2004 2:30 PM	200	<a href="#">Delete</a>	<a href="#">Edit</a>
28	15	campus1	fname2	lname2	building2	2	city2	state2	5/23/2004 2:30 PM	1000	<a href="#">Delete</a>	<a href="#">Edit</a>
29	16	faculty2	fname1	lname1	building1	1	city1	state1	5/23/2004 2:30 PM	500	<a href="#">Delete</a>	<a href="#">Edit</a>
30	17	faculty11	pfirst	plast	building	1	city1	state1	5/23/2004 2:30 PM	200	<a href="#">Delete</a>	<a href="#">Edit</a>
32	19	faculty3	performerfirst	performerlast	building3	3	city3	state3	5/23/2004 2:30 AM	50	<a href="#">Delete</a>	<a href="#">Edit</a>

[Add Event](#)

12

[Add Categories](#)



## **Updating an event:**

When Admin clicks on Edit, he will get two options: Update and Cancel. When he clicks on Cancel, values will not be updated i.e. previous values will be as it is. When he clicks on Update, values will be updated in the front end as well as in the Database.

The screenshot shows a Microsoft Internet Explorer browser window displaying a web application titled "NPU EVENT MASTER". The page has a header with "Home", "About", and "Contact Us" links. Below the header is a section titled "ADD UPDATE AND DELETE EVENTS". A table lists 14 events with columns for ID, LocID, Event, performer\_f, performer\_l, Building, Room, City, State, Timings, Price, Delete, and Edit. The last row of the table contains the values: 14, 13, "Gradupdate", "fname12", "lname12", "building12", 12, "city12", "state12", "5/23/2004 2:25:30 PM", 100, and two buttons: "Update" and "Cancel". Two blue arrows point from the text "When Admin clicks on Edit, he will get two options: Update and Cancel." to the "Update" and "Cancel" buttons respectively. The status bar at the bottom of the browser shows the date and time as "11:04 AM 4/4/2014".

ID	LocID	Event	performer_f	performer_l	Building	Room	City	State	Timings	Price	Delete	Edit
5	4	Music	fname3	lname3	building3	3	city3	state3	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
6	5	Dance1	fname4	lname4	building4	4	city4	state4	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
7	6	Football1	fname5	lname5	building5	5	city5	state5	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
8	7	Baseball1	fname6	lname6	building6	6	city6	state6	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
9	8	Tech1	fname7	lname7	building7	7	city7	state7	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
10	9	Nontech1	fname8	lname8	building8	8	city8	state8	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
11	10	Offcampus1	fname9	lname9	building9	9	city9	state9	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
12	11	Oncampus1	fname10	lname10	building10	10	city10	state10	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
13	12	Annualparty1	fname11	lname11	building11	11	city11	state11	5/23/2004 2:25:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
14	13	Gradupdate	fname12	lname12	building12	12	city12	state12	5/23/2004 2:25:30 PM	100	<a href="#">Update</a>	<a href="#">Cancel</a>
<a href="#">Add Event</a>												

## Deleting an event:

Admin when clicks on Delete, an Event will be deleted.

After Deleting that particular Event, it will be deleted from front end as well as deleted from Database. (When compared with above screenshot with the below screenshot, last row is deleted when Admin clicks on Delete)

The screenshot shows a Windows desktop with three browser tabs open, all displaying the same web page: localhost:2453/Admin.aspx. The main content area is titled "NPU EVENT MASTER". Below the title is a navigation bar with links: Home, About, Contact Us. The main content area is titled "ADD UPDATE AND DELETE EVENTS". It contains a table with columns: ID, EventID, Event, performer\_f, performer\_l, Building, Room, City, State, Timings, Price, Delete, and Edit. There are 10 rows of data. The last row (ID 30) has been removed, leaving a gap. At the bottom left, there are buttons for "Add Event", "Add Categories", and other administrative functions.

ID	EventID	Event	performer_f	performer_l	Building	Room	City	State	Timings	Price	Delete	Edit
22	4	facultyintro1	fname13	lname13	building3	3	city3	state3	5/23/2004 2:23:30 PM	100	<a href="#">Delete</a>	<a href="#">Edit</a>
27	14	insever	insperff	insperfl	instbuilding	3	inscity	inststate	5/23/2004 2:23:30 PM	200	<a href="#">Delete</a>	<a href="#">Edit</a>
28	15	campus1	fname2	lname2	building2	2	city2	state2	5/23/2004 2:23:30 PM	1000	<a href="#">Delete</a>	<a href="#">Edit</a>
29	16	faculty2	fname1	lname1	building1	1	city1	state1	5/23/2004 2:23:30 PM	500	<a href="#">Delete</a>	<a href="#">Edit</a>
30	17	faculty11	phrst	plast	building	1	city1	state1	5/23/2004 2:23:30 PM	200	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Event</a>												
1 2												
<a href="#">Add Categories</a>												

Admin will be able to View all the Categories and Subcategories

The screenshot shows a Windows desktop with three browser tabs open, all displaying the same web page: localhost:2453/AdminCategories.aspx. The main content area is titled "NPU EVENT MASTER". Below the title is a navigation bar with links: Home, About, Contact Us. The main content area is titled "ADD UPDATE DELETE CATEGORIES AND SUBCATEGORIES". It contains a table with columns: CategoryID, SubCategoryID, CategoryName, SubCategoryName, Delete, and Edit. There are 15 rows of data. The last row (CategoryID 15) has been removed, leaving a gap. At the bottom left, there are buttons for "Add Category" and "Add SubCategory". Below the table, there are two lines of text: "For Add Category : Mention CategoryName and SubCategoryName" and "For Add SubCategory : Mention CategoryID and SubCategoryName". At the bottom right, there is a status bar showing system icons and the date/time: 11:16 AM 4/4/2014.

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumni	Alumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
8	15	Alumni	Alumni meet1	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Category</a>					
<a href="#">Add SubCategory</a>					
For Add Category : Mention CategoryName and SubCategoryName					
For Add SubCategory : Mention CategoryID and SubCategoryName					

## **Adding a Category/Subcategory:**

If Admin want to add a NEW CATEGORY, he need to mention Category Name and

Sub Category Name and click on Add Category as shown in below screenshot

NPU EVENT MASTER

ADD UPDATE DELETE CATEGORIES AND SUBCATEGORIES

CategoryId	SubCategoryId	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumniupdate	Alumini meet	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Category</a>		NewAlumini	<a href="#">NewAlumini meet</a>		

For Add Category : Mention CategoryName and SubCategoryName

For Add SubCategory : Mention CategoryID and SubCategoryName

New Category is added as seen in below screenshot

The screenshot shows a Windows desktop environment with a web browser window open to the URL [localhost:2453/AdminCategories.aspx](http://localhost:2453/AdminCategories.aspx). The browser title bar reads "localhost:2453/AdminCat X". The main content area is titled "NPU EVENT MASTER" and displays a table of categories and subcategories. The table has columns: CategoryID, SubCategoryID, CategoryName, SubCategoryName, Delete, and Edit. Below the table, there are two blue links: "Add Category" and "Add SubCategory". A blue arrow points from the text "For Add Category : Mention CategoryName and SubCategoryName" to the "Add Category" link. The status bar at the bottom of the screen shows the date and time as "4/4/2014 11:41 AM".

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Aluminiupdate	Alumini meet	<a href="#">Delete</a>	<a href="#">Edit</a>
9.	17	NewAlumini	NewAlumini meet	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Category</a>					
<a href="#">Add SubCategory</a>					

For Add Category : Mention CategoryName and SubCategoryName

For Add SubCategory : Mention CategoryID and SubCategoryName

If Admin want to add a NEW SUB CATEGORY, he need to mention Category ID and

Sub Category Name and click on Add SubCategory as shown in below screenshot

NPU EVENT MASTER

ADD UPDATE DELETE CATEGORIES AND SUBCATEGORIES

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumniupdate	Alumini meet	<a href="#">Delete</a>	<a href="#">Edit</a>
9	17	NewAlumni	NewAlumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
Add Category		9	New Alumini meet2		
Add SubCategory					

For Add Category : Mention CategoryName and SubCategoryName

For Add SubCategory : Mention CategoryID and SubCategoryName

New Sub Category will be added to an existing Category as seen in below screenshot

The screenshot shows a Windows desktop environment with a taskbar at the bottom containing icons for File Explorer, Internet Explorer, and other system tools. An application window titled "NPU EVENT MASTER" is open in the center. The window displays a table of data with columns: CategoryID, SubCategoryID, CategoryName, SubCategoryName, Delete, and Edit. The table lists 18 rows of data. At the bottom of the table, there are two links: "Add Category" and "Add SubCategory". A blue arrow points from the "Add SubCategory" link to the last row of the table, which has empty input fields for CategoryID and SubCategoryName.

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumniupdate	Alumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
9	17	NewAlumni	NewAlumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
9	18	NewAlumni	New Alumni meet2	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Category</a>					
<a href="#">Add SubCategory</a>					

For Add Category : Mention CategoryName and SubCategoryName

For Add SubCategory : Mention CategoryID and SubCategoryName

## **Updating a Category/Subcategory:**

When Admin clicks on Edit, he will get two options: Update and Cancel. When he clicks on Cancel, values will not be updated i.e. previous values will be as it is. When he clicks on Update, values will be updated in the front end as well as in the Database.

The screenshot shows a Windows desktop environment with a web browser window open to [localhost:2453/AdminCategories.aspx](http://localhost:2453/AdminCategories.aspx). The page title is "ADD UPDATE DELETE CATEGORIES AND SUBCATEGORIES". It features a navigation bar with links for Home, About, and Contact Us. Below the navigation is a table with columns: CategoryID, SubCategoryID, CategoryName, SubCategoryName, Delete, and Edit. The table contains 15 rows of data. In the bottom right corner of the table, there is a "Update" button with a blue border and a "Cancel" link. A blue arrow points from the "Edit" link in the last row of the table to the "Update" button. At the bottom left of the page, there are three buttons: "Add Category", "Add SubCategory", and "SubCategory". Below these buttons, there are two lines of text: "For Add Category : Mention CategoryName and SubCategoryName" and "For Add SubCategory : Mention CategoryID and SubCategoryName". The status bar at the bottom right shows the time as 11:29 AM and the date as 4/4/2014.

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumni	Alumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
8	15	Alumniupdate	Alumni meet'		<a href="#">Update</a> <a href="#">Cancel</a>

For Add Category : Mention CategoryName and SubCategoryName  
For Add SubCategory : Mention CategoryID and SubCategoryName

When Admin clicks on Update, Category got updated as seen in below screenshot.

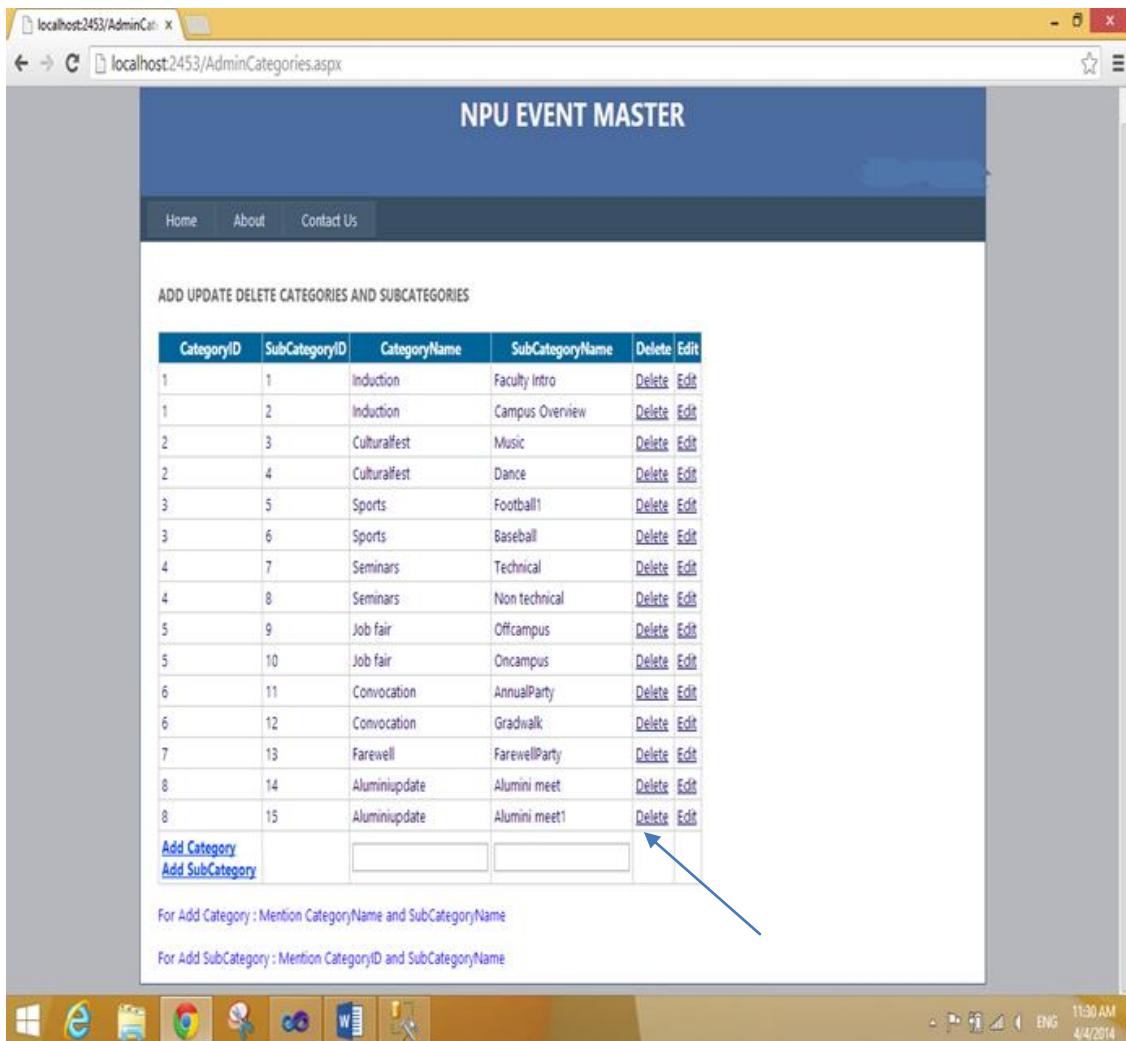
The screenshot shows a Windows desktop with a web browser window open to [localhost:2453/AdminCategories.aspx](http://localhost:2453/AdminCategories.aspx). The title bar of the browser says "localhost:2453/AdminCat: X". The main content area is titled "NPU EVENT MASTER" and displays a table of categories and subcategories. The table has columns: CategoryID, SubCategoryID, CategoryName, SubCategoryName, Delete, and Edit. Below the table are two buttons: "Add Category" and "Add SubCategory". Two blue arrows point from the text "For Add Category : Mention CategoryName and SubCategoryName" to the "Add Category" button and the first input field of the "Add Category" form. Another blue arrow points from the text "For Add SubCategory : Mention CategoryID and SubCategoryName" to the second input field of the "Add Category" form. The table data is as follows:

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumniupdate	Alumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
8	15	Alumniupdate	Alumni meet1	<a href="#">Delete</a>	<a href="#">Edit</a>

For Add Category : Mention CategoryName and SubCategoryName  
For Add SubCategory : Mention CategoryID and SubCategoryName

## **Deleting a Category/Subcategory:**

Admin when clicks on Delete, Subcategory corresponding to a particular Category will be deleted.



The screenshot shows a Windows desktop environment with a web browser window open to `localhost:2453/AdminCategories.aspx`. The title bar of the browser says "localhost:2453/AdminCat". The main content area is titled "NPU EVENT MASTER" and displays a table with columns: CategoryID, SubCategoryID, CategoryName, SubCategoryName, Delete, and Edit. The table contains 15 rows of data. At the bottom left, there are links for "Add Category" and "Add SubCategory". Below the table, instructions say "For Add Category : Mention CategoryName and SubCategoryName" and "For Add SubCategory : Mention CategoryID and SubCategoryName". A blue arrow points from the text "For Add SubCategory : Mention CategoryID and SubCategoryName" towards the "Delete" link in the last row of the table. The taskbar at the bottom shows various pinned icons and the system clock indicates it's 11:00 AM on 4/4/2014.

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Alumniupdate	Alumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
8	15	Alumniupdate	Alumni meet1	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Category</a>		<input type="text"/>	<input type="text"/>		
<a href="#">Add SubCategory</a>					

After Deleting that particular Subcategory, it will be deleted from front end as well as deleted from Database. (When compared with above screenshot with the below screenshot, last row is deleted when Admin clicks on Delete)

NPU EVENT MASTER

ADD UPDATE DELETE CATEGORIES AND SUBCATEGORIES

CategoryID	SubCategoryID	CategoryName	SubCategoryName	Delete	Edit
1	1	Induction	Faculty Intro	<a href="#">Delete</a>	<a href="#">Edit</a>
1	2	Induction	Campus Overview	<a href="#">Delete</a>	<a href="#">Edit</a>
2	3	Culturalfest	Music	<a href="#">Delete</a>	<a href="#">Edit</a>
2	4	Culturalfest	Dance	<a href="#">Delete</a>	<a href="#">Edit</a>
3	5	Sports	Football1	<a href="#">Delete</a>	<a href="#">Edit</a>
3	6	Sports	Baseball	<a href="#">Delete</a>	<a href="#">Edit</a>
4	7	Seminars	Technical	<a href="#">Delete</a>	<a href="#">Edit</a>
4	8	Seminars	Non technical	<a href="#">Delete</a>	<a href="#">Edit</a>
5	9	Job fair	Offcampus	<a href="#">Delete</a>	<a href="#">Edit</a>
5	10	Job fair	Oncampus	<a href="#">Delete</a>	<a href="#">Edit</a>
6	11	Convocation	AnnualParty	<a href="#">Delete</a>	<a href="#">Edit</a>
6	12	Convocation	Gradwalk	<a href="#">Delete</a>	<a href="#">Edit</a>
7	13	Farewell	FarewellParty	<a href="#">Delete</a>	<a href="#">Edit</a>
8	14	Aluminiupdate	Alumni meet	<a href="#">Delete</a>	<a href="#">Edit</a>
<a href="#">Add Category</a>					
<a href="#">Add SubCategory</a>					

For Add Category : Mention CategoryName and SubCategoryName

For Add SubCategory : Mention CategoryID and SubCategoryName

11:35 AM 4/4/2014

## **Test Execution Plan:**

### **Positive testing:**

S.no	Test Scenario	Test case	Test Pass/Fail
1.	Registration – for new user	Step 1.User clicks on NPU Event Master site Step 2.Clicks on Registration button Step 3:Enter the mandatory details and clicks on submit button Step 4:User is registered successfully	Pass
2.	Login –for registered user	Step 1:User clicks on NPU Event Master site Step 2:Clicks on Login button Step 3:Enter the required details such as user_name & password and clicks on login Step 4: User logins to the site successfully	Pass
3.	Login – for User as Admin	Step 1:User clicks on NPU Event Master site Step 2:Clicks on Login button Step 3:Enter the required details such as user_name & password and clicks on login Step 4: Admin logins to the site successfully	Pass
4.	Admin-Adding an event	Step 1:After Admin successfully logins to the site a page with list of current events is displayed Step 2:Clicks on Add button, enter the required details such as event_name,timings etc., and click on submit Step 3:Event is added	Pass

		successfully	
5.	Admin-Updating an event	<p>Step 1:After Admin successfully logs in to the site a page with list of current events is displayed</p> <p>Step 2:Selects an existing event and clicks on Update button, modify few values i.e. timings of event etc., and click on submit</p> <p>Step 3:Event is updated successfully</p>	Pass
6.	Admin-Deleting an event	<p>Step 1:After Admin successfully logs in to the site a page with list of current events is displayed</p> <p>Step 2: Selects an existing event and clicks on Delete button</p> <p>Step 3:Event is Deleted successfully</p>	Pass

### **Negative testing:**

S.no	Test Scenario	Test case	Test Pass/Fail
1.	Registration-For already registered user	<p>Step 1.User clicks on NPU Event Master site</p> <p>Step 2.Clicks on Registration button</p> <p>Step 3:Enter the mandatory details i.e. user_name which is same of already registered user and clicks on submit button</p> <p>Step 4:An error message “User already exists” is displayed</p>	Pass

### **Potential Improvements:**

From Database Perspective in future based on the amount of data in-flow to database we need to incorporate views, indices and concurrency control for dirty reads.

### **Motto of Doing This Project:**

This is our first attempt in developing this application which gave us a basic understanding of development and challenges of application development. The main aim of the project is to provide an easy way to manage the events and co-ordinate the events in a well-organized manner without any time consumption and risk to NPU Members (students, faculty, staff) .It's just like app consists of complete set of NPU events which would be very useful to students.