



**SIES (Nerul) College Of Arts, Science and Commerce**  
**NAAC Re-Accredited 'A' Grade**

**Sri Chandrasekarendra Saraswathy Vidyapuram,  
Plot 1-C, Sector V, Nerul, Navi Mumbai-400 706**

**PROJECT REPORT  
ON  
TECHNOVISION**

**SUBMITTED  
TO  
UNIVERSITY OF MUMBAI**

**BY  
PRAVEEN SARAOGI  
(TYBSc.Computer Science)  
2016-17**



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**Certificate**

This is to certify that the project entitled “TECHNOVISION” developed in JAVA using JSP and Servlets is successfully completed by Mr. Praveen Saraogi of Third Year Bachelor of Science (Computer Science) as per the requirement of University of Mumbai in partial fulfilment for the completion of Degree of Bachelor of Science (Computer Science). It is also to certify that this is the original work of the candidate done during the academic year 2016-2017.

Seat No:

Date of Submission:

Prof.Padmaleela Damaraju  
(Project Guide)

Prof.Alpana Pandey  
(Documentation in charge)

Prof.Padmaleela Damaraju  
(Coordinator)

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

External Examiner  
Date: \_\_\_\_\_

(College Seal)

Prof.Koel Roychoudhary  
(Principal)

## **PREFACE**

It is great opportunity for me to present this project on a very interesting topic i.e. “TECHNOVISION” as the Final Year Project.

This report consists of all the basic knowledge needed for software development along with various diagrams and charts.

I have taken complete care to include almost all modules related to the topic and put it up in an interesting and an attractive format.

This system provides features of low rate of data inconsistency.

I have worked with commitment right from the initialization of the project and continuing all the way till its completion.

Review of the project is an unending process; it may contain errors, as there is always a scope for improvements.

The content of the project is true and verified and aims to give a simple and clear understanding of the design and implementation of the website.

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## **ACKNOWLEDGEMENT**

I would like to acknowledge and extend my heartfelt gratitude to the following people who have made the completion of my project possible.

I extend my heartfelt gratitude and thanks to Padmaleela Ma'am and Alpana Ma'am for providing me excellent guidance to work on this project and for their understanding and assistance for providing all the necessary information needed for completing the project.

I would also like to acknowledge all the staffs for providing a helping hand to us in times of queries & problems. The Project is a result of the efforts of all the peoples who are associated with the Project directly or indirectly, who helped us to successfully complete the Project within the specified time frame.

Thanks to all my teachers, who were a part of the project in numerous ways and for the help and inspiration they extended to me and for providing the needed motivation.

I would like to Thanks our colleagues for keeping our Spirits High while preparing the Project. Because of their Diligent & Hard Work, we wouldn't have been able to complete the Project within the given Time Frame.

With all Respects & Gratitude, we would like to Thanks to all the people, who have helped in the Development of the Project.

By,

**Praveen Saraogi**

## PHASE COMPLETION TABLE

<b>Phase Title</b>	<b>Starting Date</b>	<b>Expected Date of Completion</b>	<b>Actual Time of Completion</b>	<b>Remarks</b>
<b>1.Preliminary Investigation</b>	<b>19/11/16</b>	<b>26/11/16</b>	<b>28/11/16</b>	
1.2 Introduction		19/11/16	19/11/16	
1.2 Existing system & its Disadvantages		21/11/16	21/11/16	
1.3 Proposed System and its advantages		22/11/16	22/11/16	
1.4 Feasibility study		23/11/16	24/11/16	
1.5 Components		25/11/15	25/11/15	
1.6 Gantt chart		25/11/16	28/11/15	
<b>2. System Analysis</b>	<b>3/12/16</b>	<b>14/12/16</b>	<b>14/12/16</b>	
2.1 Event Table		3/12/16	3/12/16	
2.2 Use Case Diagram		5/12/16	5/12/16	
2.3 ERD		6/12/15	6/12/15	
2.4 Activity Diagram		7/12/15	7/12/15	
2.5 Class Diagram		8/12/15	8/12/15	
2.6 Object Diagram		9/12/15	9/12/15	
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<b>3. System Design</b>	<b>21/12/16</b>	<b>9/1/17</b>	<b>9/1/17</b>	

3.1 Converting ERD to Table		21/12/16	21/12/16	
3.2 Design Class Diagram		3/1/17	3/1/17	
3.3 Component Diagram		5/01/16	5/01/16	
3.4 Deployment Diagram		<b>7/1/16</b>	<b>7/1/16</b>	
3.5 Package Diagram		<b>9/1/16</b>	<b>9/1/16</b>	
<b>4 System Coding</b>	<b>16/1/17</b>	<b>13/2/16</b>	<b>16/2/16</b>	
4.1 Menu Tree/Site Map		20/1/17	20/1/17	
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4.4 Screen Layout & Report Layout		13/2/16	15/2/17	
4.5 Program Listing		15/2/17	16/2/17	
<b>5 System implement uploading</b>	<b>20/2/17</b>	<b>20/2/17</b>	<b>20/2/17</b>	
<b>6 Project Report Submission</b>	<b>25/2/17</b>	<b>1/3/17</b>	<b>1/3/17</b>	
6.1 Future Enhancement		25/2/17	25/2/17	
6.2 Reference& by Bibliography		1/3/17	1/3/17	

# **PRELIMINARY INVESTIGATION**

## **I. PRELIMINARY INVESTIGATION**

- **ORGANISATIONAL OVERVIEW**
- **DESCRIPTION OF SYSTEM**
- **LIMITATIONS OF PRESENT SYSTEM**
- **PROPOSED SYSTEM AND ITS ADVANTAGES**
- **FEASIBILITY STUDY**
- **STAKEHOLDERS**
- **TECHNOLOGIES USED**
- **GANTT CHART**

## **ORGANIZATIONAL OVERVIEW**

In these days almost every college is conducting technical fests where we can gain some knowledge by participating. College, which is conducting fest, will invite so many colleges for the competition. In College, we have various departments having their own festivals. Departments like Computer Science and IT mostly organize technical festival. This project is the organizer for festival management in a college. This provides particular department to schedule events online and assign event heads for an event. Organizer can add as many events to the site related to the festival. The students and participants can view these events online and can register.

## **DESCRIPTION OF SYSTEM**

Organizer creates events using well-developed web interface and assign student volunteers at the time of event creation. The students register with the site and some of them register for multiple events. Only organizer and volunteers can upload event content to the site. The "TECHNOVISION" will store events added by the organizer. These events will be visible to the users and participants. Eliminate the case where participants need to visit college and then register for an event. The organizer can delete his added events also. College Fest Organizer can be extended to organize the events conducted in a city so that this will be an online portal for any type of event conducted in a city.

## **LIMITATIONS OF PRESENT SYSTEM**

- There is no such system currently available yet.
- This type of communication takes place through the phone calls if it is known or else through word of mouth.
- Fest is organized in almost all the colleges but all the work is done manually.
- The events are decided upon and then students are asked whether they will volunteer or not then all the details are maintained in files.
- Many colleges have websites for fest that they organize in their colleges but this website is used for displaying the various events details that are going to be conducted in those colleges for informing the other college students.
- It becomes difficult to promote the festival offline without having any online presence.
- Maintaining and updating the events details and their heads details in papers is very hectic and time consuming.

## **PROPOSED SYSTEM AND IT ADVANTAGES**

It is a website which is being developed for the college festival organizers so that they can easily maintain events details and also will help the participants to find the required events. This will also give a platform for the new participants to present their skills.

The proposed system aims at providing the students and organizers a common platform to share data related to the events. This system allows students who want to register with the application and view the various events that are to be conducted. The organizer can also post the event detail and they can even decide heads for the event. The organizers can also upload events detail.

There are many advantages of proposed website

- 1) Easy to maintain event details.
- 2) Participants can easily view and register for events.
- 3) Sponsors can contact to the organizer.
- 4) Organizer can add and remove sponsors from the site.
- 5) Organizer can update the event details easily.
- 6) List of participants can be maintained.

## **FEASIBILITY STUDY**

The feasibility study is divided into three different parts:

- Operational Feasibility
- Technical Feasibility
- Economic Feasibility

### **OPERATIONAL FEASIBILITY:**

The software developed will lead to heavy reduction in the rework. The new system will decrease work load, strain, work time, manual calculation and will lead to error free and accurate work. The software will be easy to use. This will allow reduction in space required for storage of the paper work and will lead to less confusion. Information about participants, database about the registrations and events can be easily retrieved from the system. Any person with a basic knowledge of computers can also use this tool.

### **TECHNICAL FEASIBILITY:**

Technical feasibility centres around the existing computer system (HW/SW) and to what extend it can support the proposed addition. Support for the software is readily available. There is no need for a technical person to supervise the working of the software. The proposed system is user friendly. There is just one admin needed to monitor the registration details than so many people needed to keep track of the documents. Also it is accessible from anywhere with proper login id and password.

### **ECONOMIC FEASIBILITY:**

The proposed system is economically feasible. As the hardware and the software used are already available, there is no need to buy a new copy of the software thus maintaining the budget.

## **STAKEHOLDERS**

In all circumstances each user must be listed as authorized to use TECHNOVISION with a unique username and password after registering. On every login they see the homepage. This section outlines the nature of the provision within TECHNOVISION for each of the main user types.

### **1) Participants:**

- Users are provided with the facility to create their profile and continue to have ownership of their data through editing at any time.
- In the user module, once the user logs in, they will see all events at the home page.
- They can manage the profile by putting all the information.
- They can register for events added by the admin.
- They can see the sponsors registered with the festival.
- Also setting option is provided to reset the password.
- The reset option is provided to reset the whole profile.

### **2) Event Organizer :**

- Organizer can view the profile of all the users who have registered.
- Organizer can view the current users who are registered with the system.
- The Organizer can also view the feedbacks given by the users.
- The Organizer can put events online so that the entire user can view this.

## **TECHNOLOGIES USED**

### **Hardware Requirements**

Processor	Intel Pentium IV, Dual Core, Core 2 Duo or Higher
Operating System:	Windows
RAM:	128MB Minimum
Hard Disk:	500 MB and above

### **Software Requirements**

Development technologies	JAVA
Operating system	Windows , Linux
Hardware	Desktop Computer
Front End	HTML,CSS, JAVASCRIPT
Back End	MYSQL SERVER 5.7
Server-Side Scripting	JSP AND SERVLETS

# **GANTT CHART**

Task Name	Nov	Dec	Jan	Feb	March
Preliminary Investigation					
Introduction					
Existing system and its disadvantages					
Proposed system and its advantages					
Feasibility study					
Components					
Gantt chart					
System Analysis					
Event table					
Use Case Diagram					
ER Diagram					
Activity Diagram					
Class Diagram					
Object diagram					
Sequence diagram					
System Design					
Convert ERD into Tables					
Component Diagram					
Deployment Diagram					
Package Diagram					
System Coding					
Menu Tree					
List of Tables with Attribute					
Validation					
Screen layout and report layout					
Program listing					
System Implementation					
Project Report Submission					
Future Enhancement					
References and bibliography					

# SYSTEM ANALYSIS

## **II) SYSTEM ANALYSIS:**

- **FACT FINDING TECHNIQUES**
- **EVENT TABLE**
- **USE CASE**
- **ENTITY RELATIONSHIP DIAGRAM**
- **ACTIVITY DIAGRAM**
- **CLASS DIAGRAM**
- **OBJECT DIAGRAM**
- **SEQUENCE DIAGRAM**
- **STATE MACHINE DIAGRAM**

## **FACT FINDING TECHNIQUES**

The following fact finding techniques were used during the analysis phase of the project:

**1) Onsite Observation:** Observations were done during the first interview with the Chair Person of TECHNOVISION departmental festival. It was very useful and helped me to understand how the festival management works and what are the roles of different members- the Core, Event heads and a volunteer.

**2) Review the existing Document:** The document reviewed were event registration form, soft copies of sponsors mail attachments to the Organizer.

**3) Interviews:** We mainly interviewed the Chair Person and co-ordinator responsible for departmental festival. The information of the interviews was very important because it helped in the analysis of the current system and the construction of the UML diagrams. In the interview some objectives were considered such as,

1. Determining the areas to be discovered.
2. Listing the facts were to be gathered.
3. Discovering new alternatives/solutions to the problems the current system is facing.

**Given below is a sample of Questionnaire that was asked during interview:**

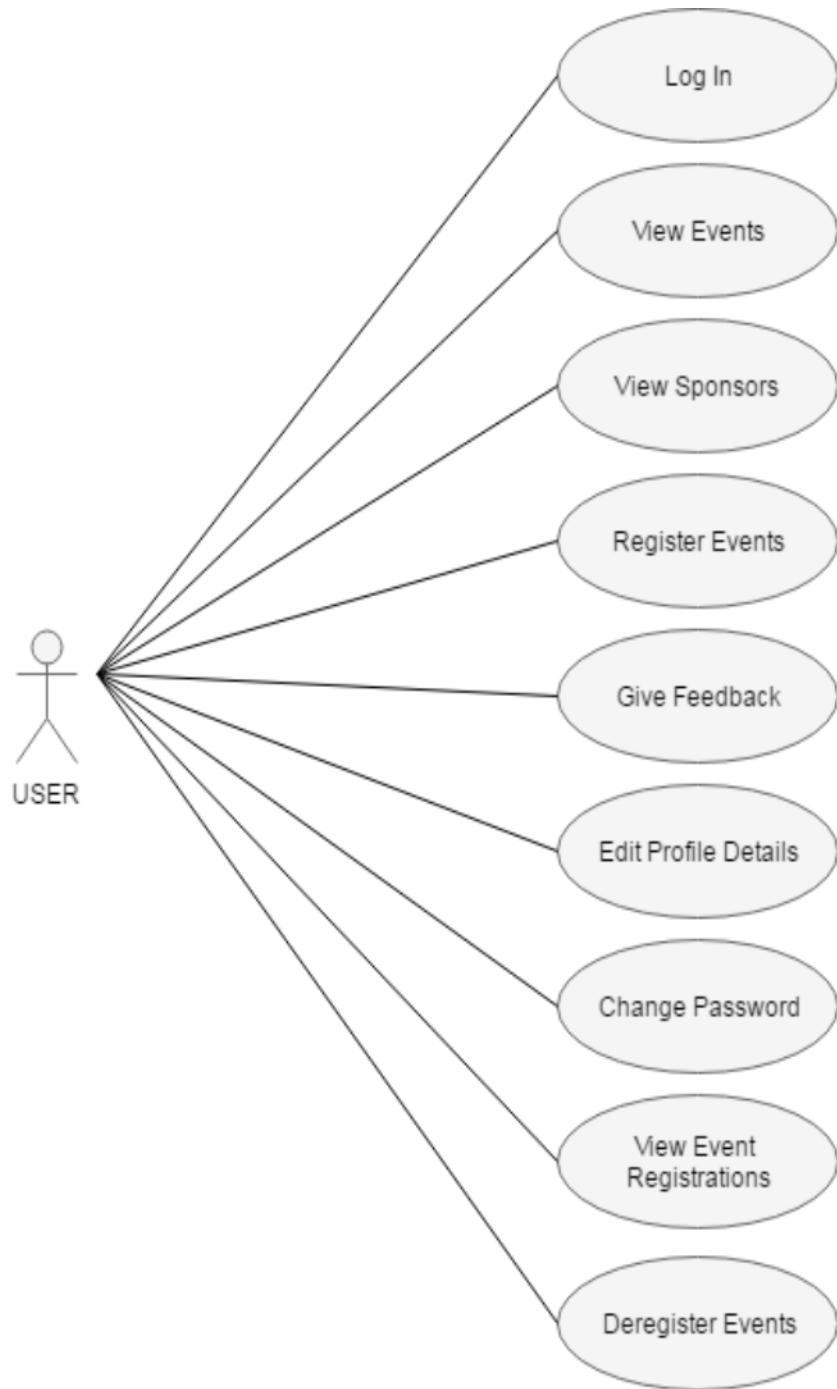
1. How the departmental festival currently works with respect to use of computers?
2. What are services provided by the college festival to the sponsors?
3. What types of companies usually sponsors technical festival?
4. What parameters you take into consideration while discussing about events ?
5. What different types of records you need or you maintain?
6. How do you keep track of participants who are interested?
7. Why the need of updating the existing system?
8. How many participants can take part and what are the limitations?

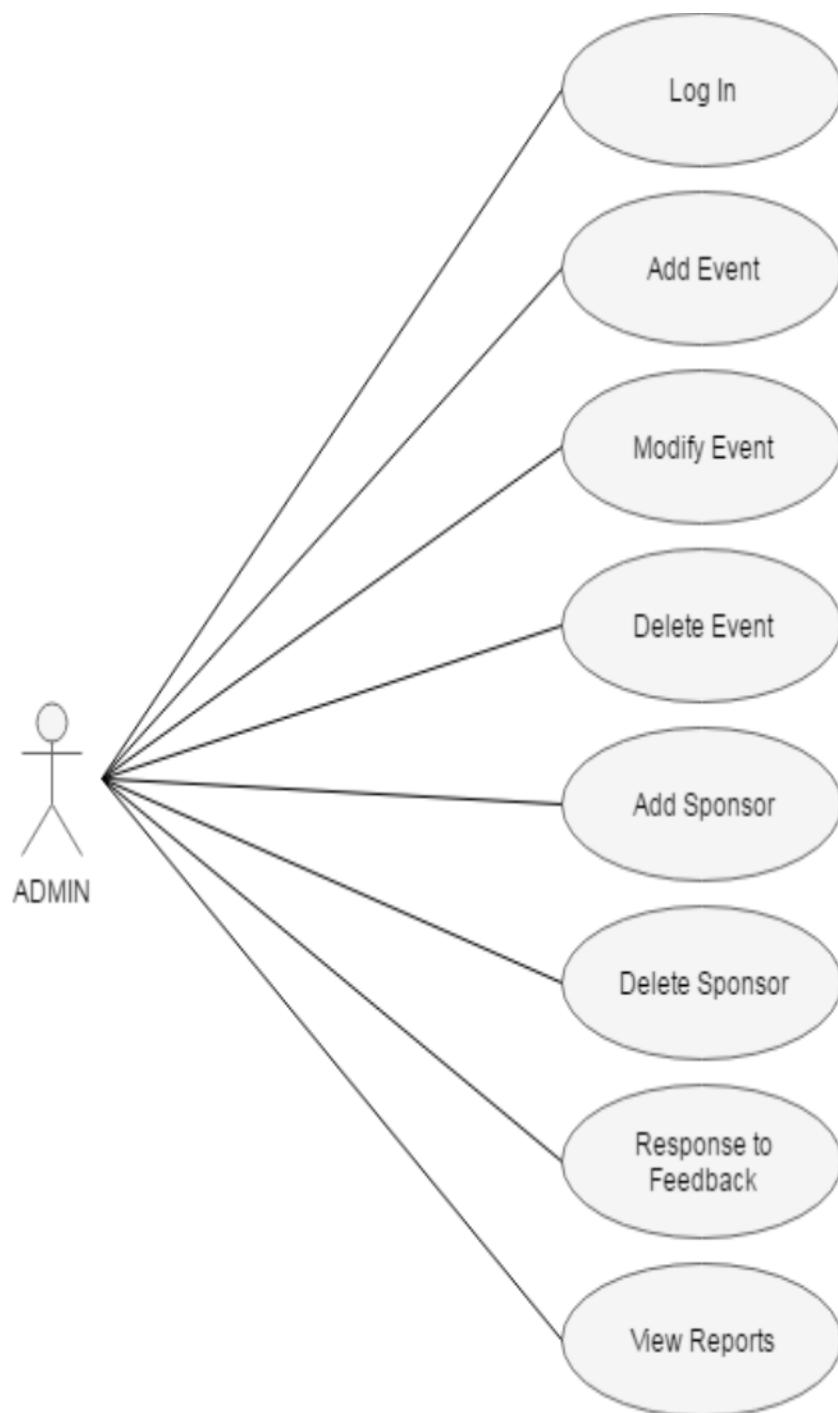
**EVENT TABLE**

EVENT	TRIGGER	SOURCE	USE CASE	RESPONSE	DESTINATION
User/Admin log in	logs in	User / Admin	Log In	The home page opens after login	User/ Admin
Register new user	Register	User	Add new user	New User added	User /Admin
User Register for event	Register event	User	Event registration	Register code generated	User /Admin
User Deregister for event	Deregister event	User	Event deregistration	Registration deleted	User /Admin
User sends feedback	Sends feedback	User	Add new feedback	Feedback received	User /Admin
User updates profile details	Update profile details	User	Edit profile details	Profile details updated	User/Admin
Change password	Change password	User /Admin	Change password	Password updated	User /Admin
Admin Add event	Add event	Admin	Event addition	Event added	Admin
Admin Modify event	Event modify	Admin	Event modification	Event modified	Admin
Admin Delete event	Event delete	Admin	Event deletion	Event deleted	Admin
Admin Add sponsor	Add sponsor	Admin	Sponsor addition	Sponsor added	Admin
Admin Delete sponsor	Sponsor delete	Admin	Sponsor deletion	Sponsor deleted	Admin
Admin generates reports	Report generation	Admin	Generate Reports	Reports are generated and can be viewed.	Admin
Admin response via mail	Respond via mail	Admin	Sending response	response sent	User / Admin

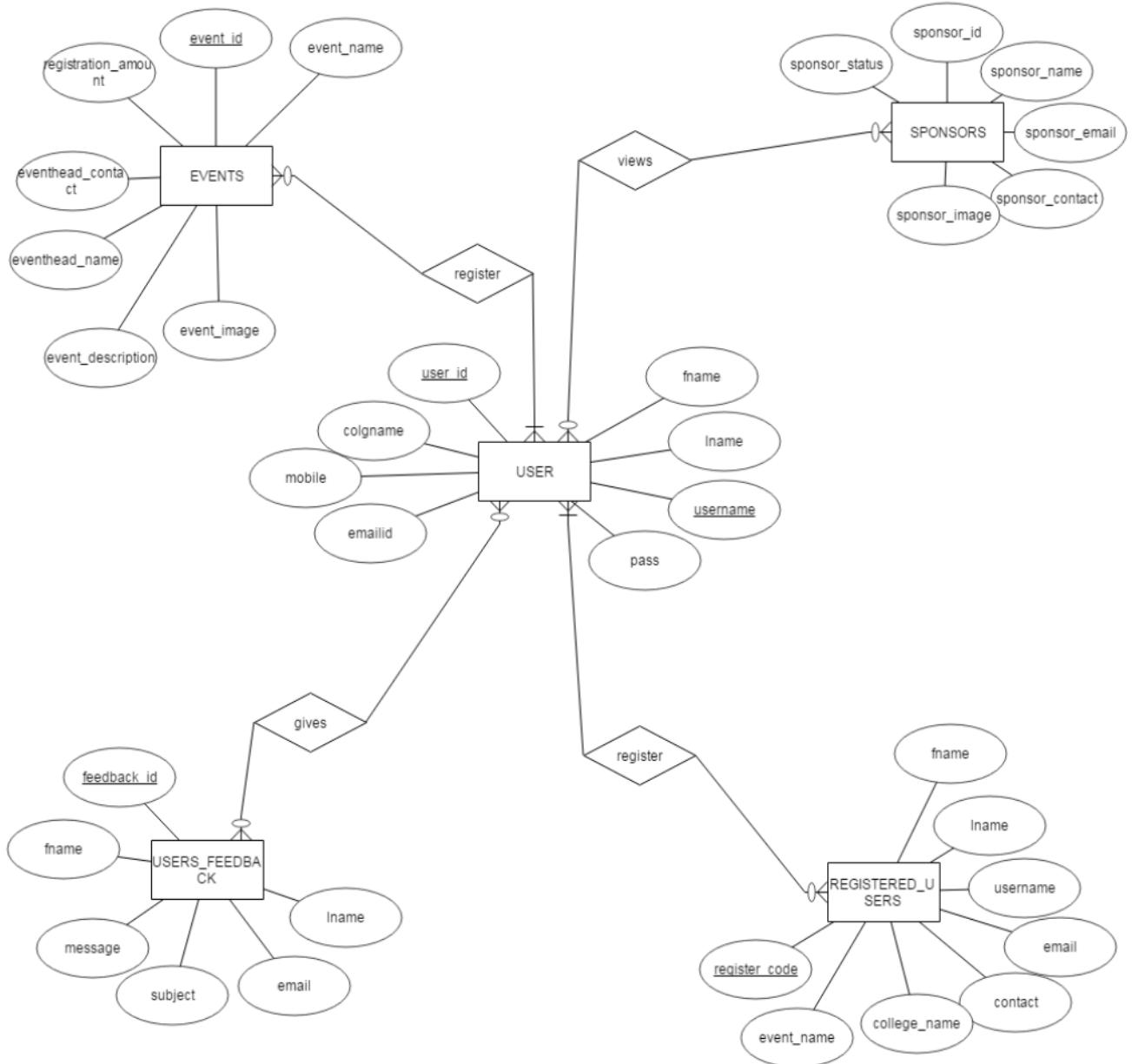
## USE CASE DIAGRAM

The Use case diagram is used to identify the primary elements and processes that form the system. The primary elements are termed as "actors" and the processes are called "use cases." The Use case diagram shows which actors interact with each use case.

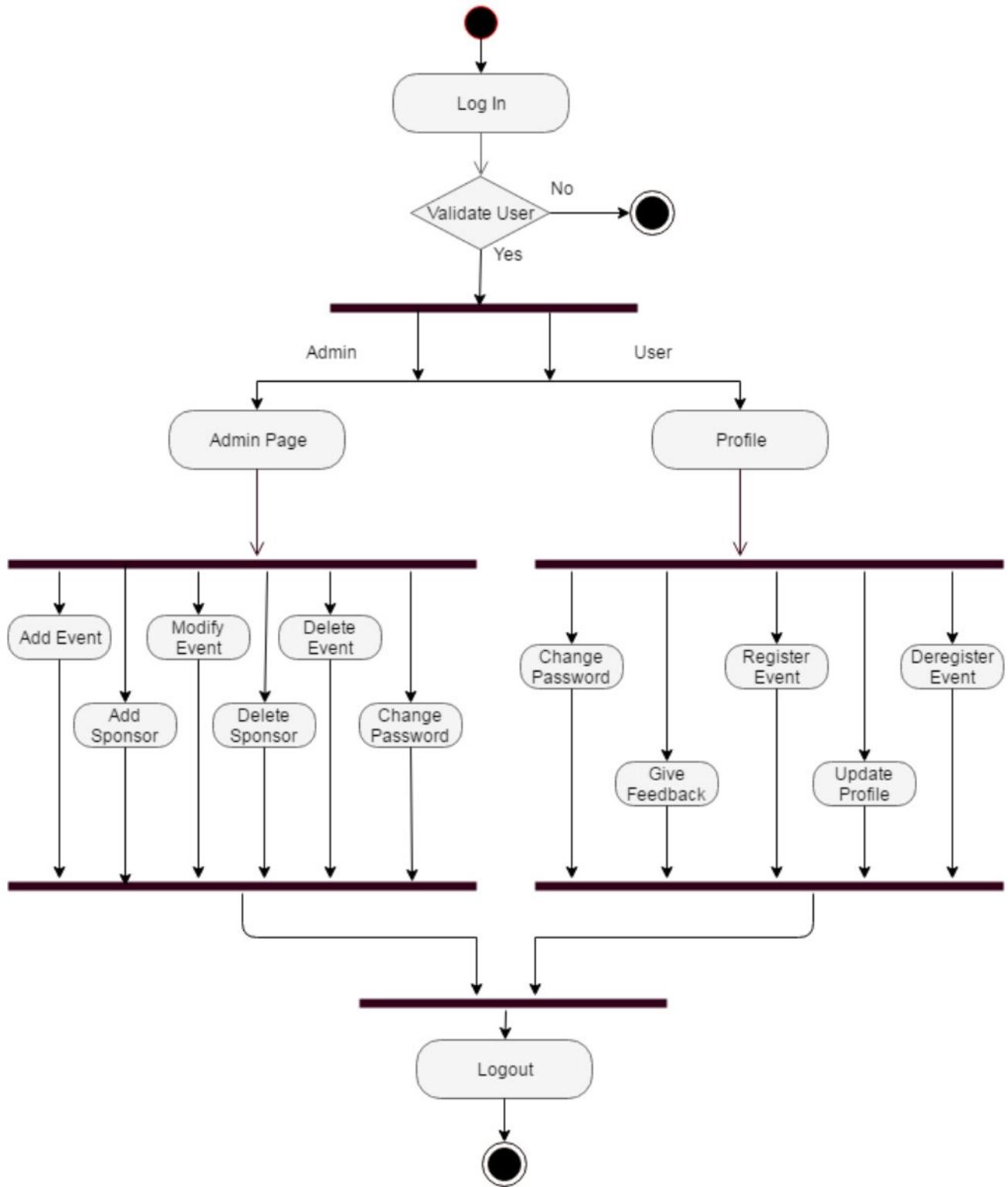




# ENTITY RELATIONSHIP DIAGRAM

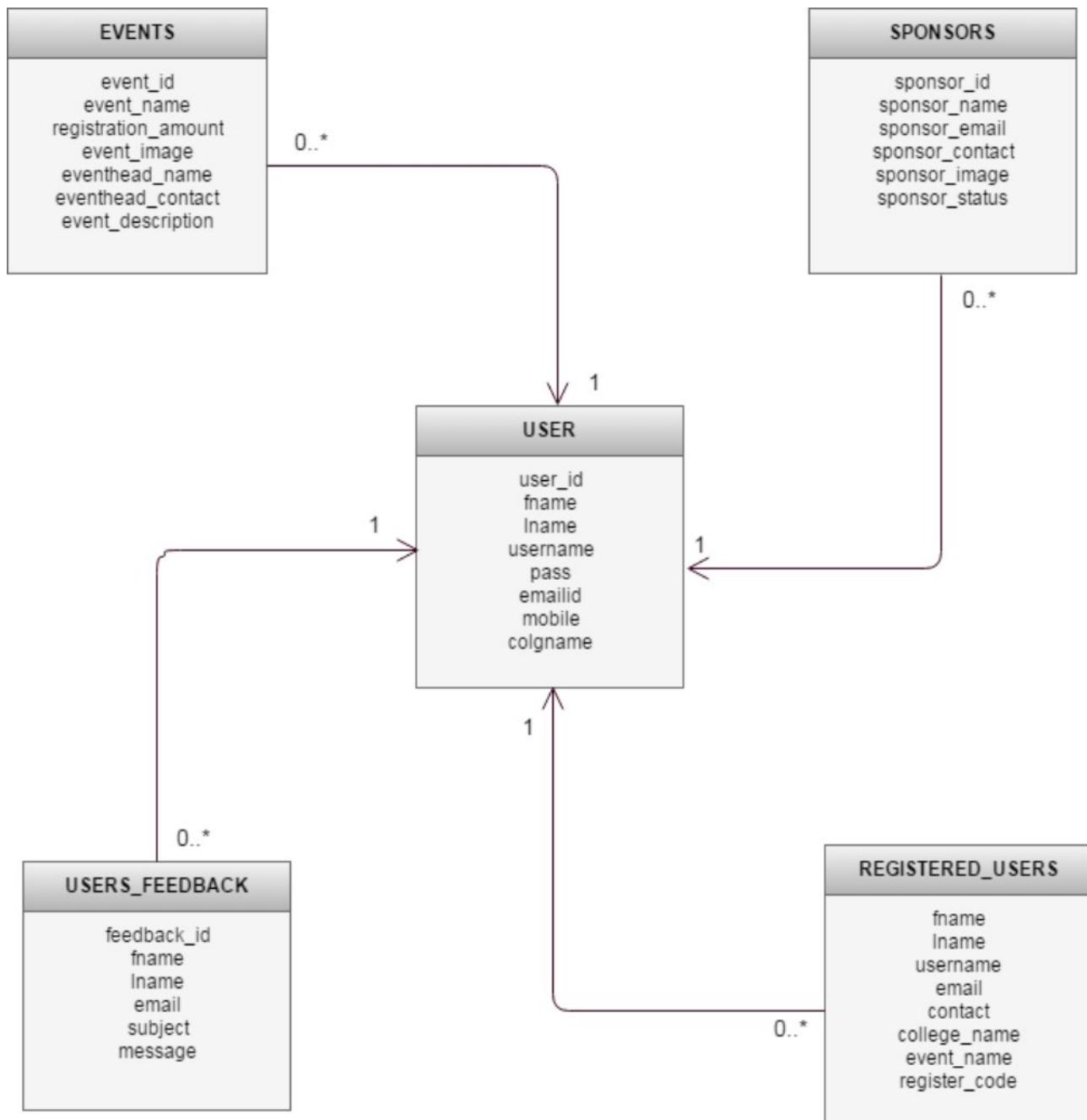


## ACTIVITY DIAGRAM



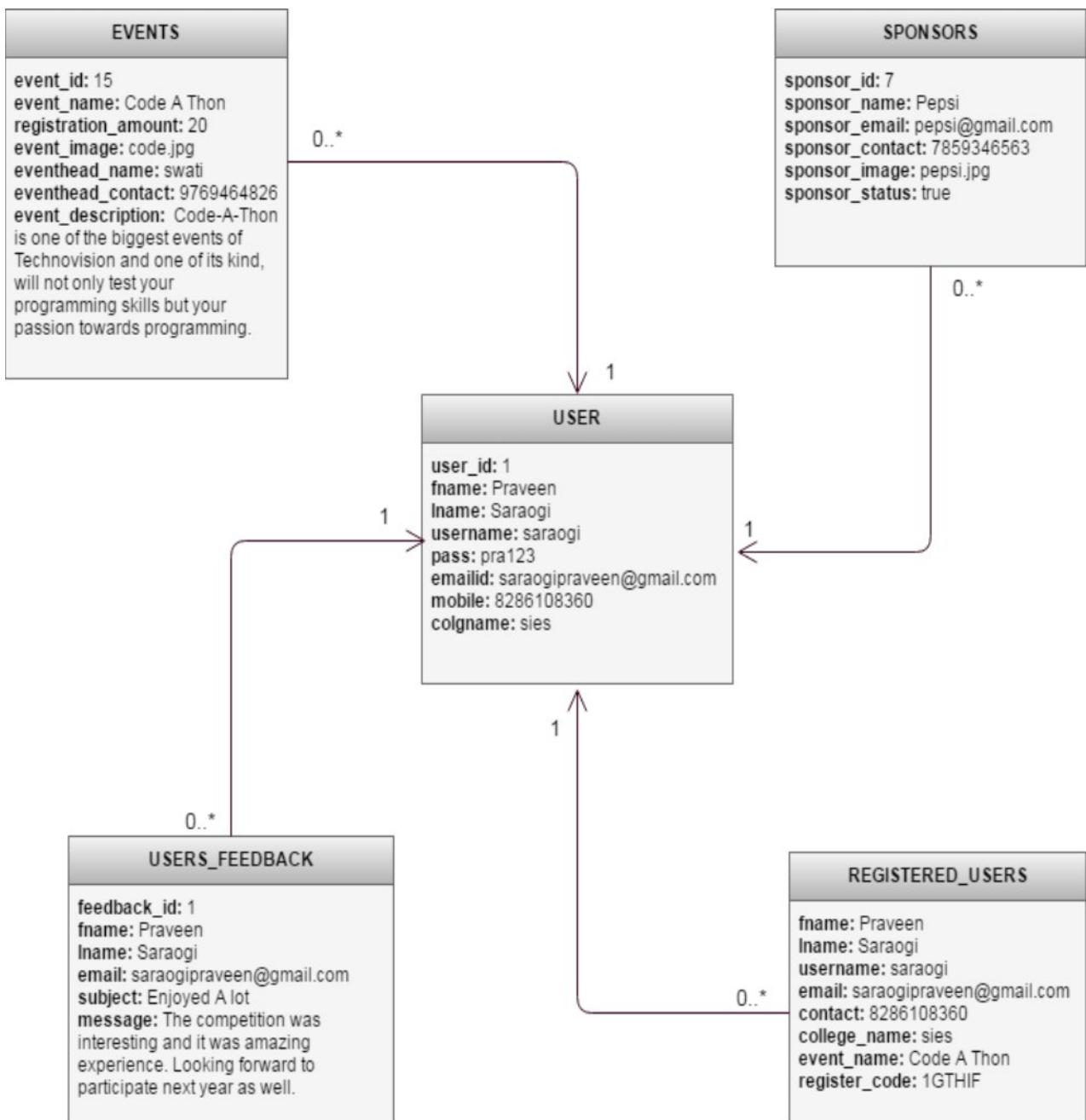
## CLASS DIAGRAM

**Class diagram:** The class diagram is used to refine the use case diagram and define a detailed design of the system. The class diagram classifies the actors defined in the use case diagram into a set of interrelated classes. The relationship or association between the classes can be either an "is-a" or "has-a" relationship.



## OBJECT DIAGRAM

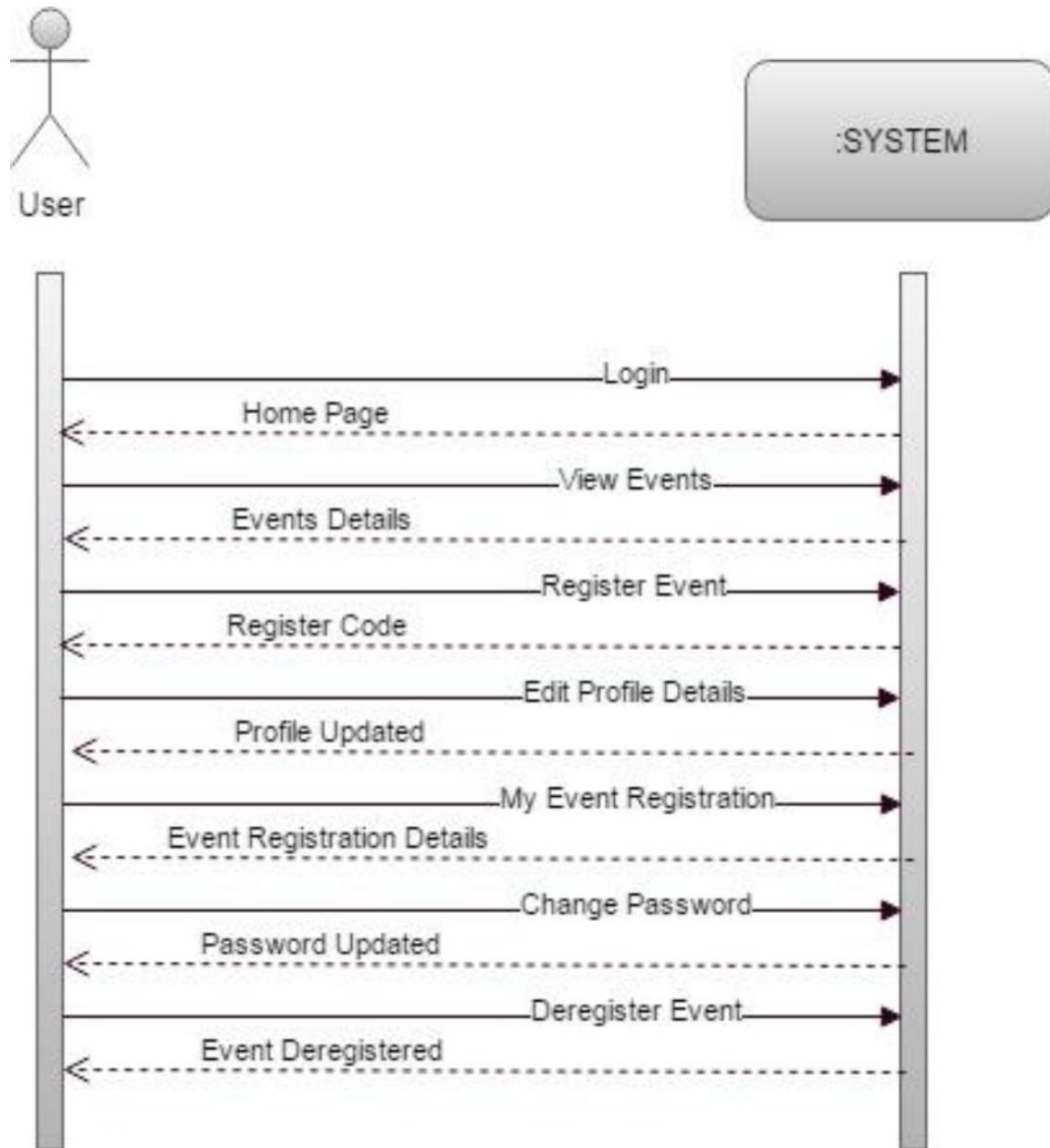
The object diagram is a special kind of class diagram. An object is an instance of a class. This essentially means that an object represents the state of a class at a given point of time while the system is running. The object diagram captures the state of different classes in the system and their relationships or associations at a given point of time.

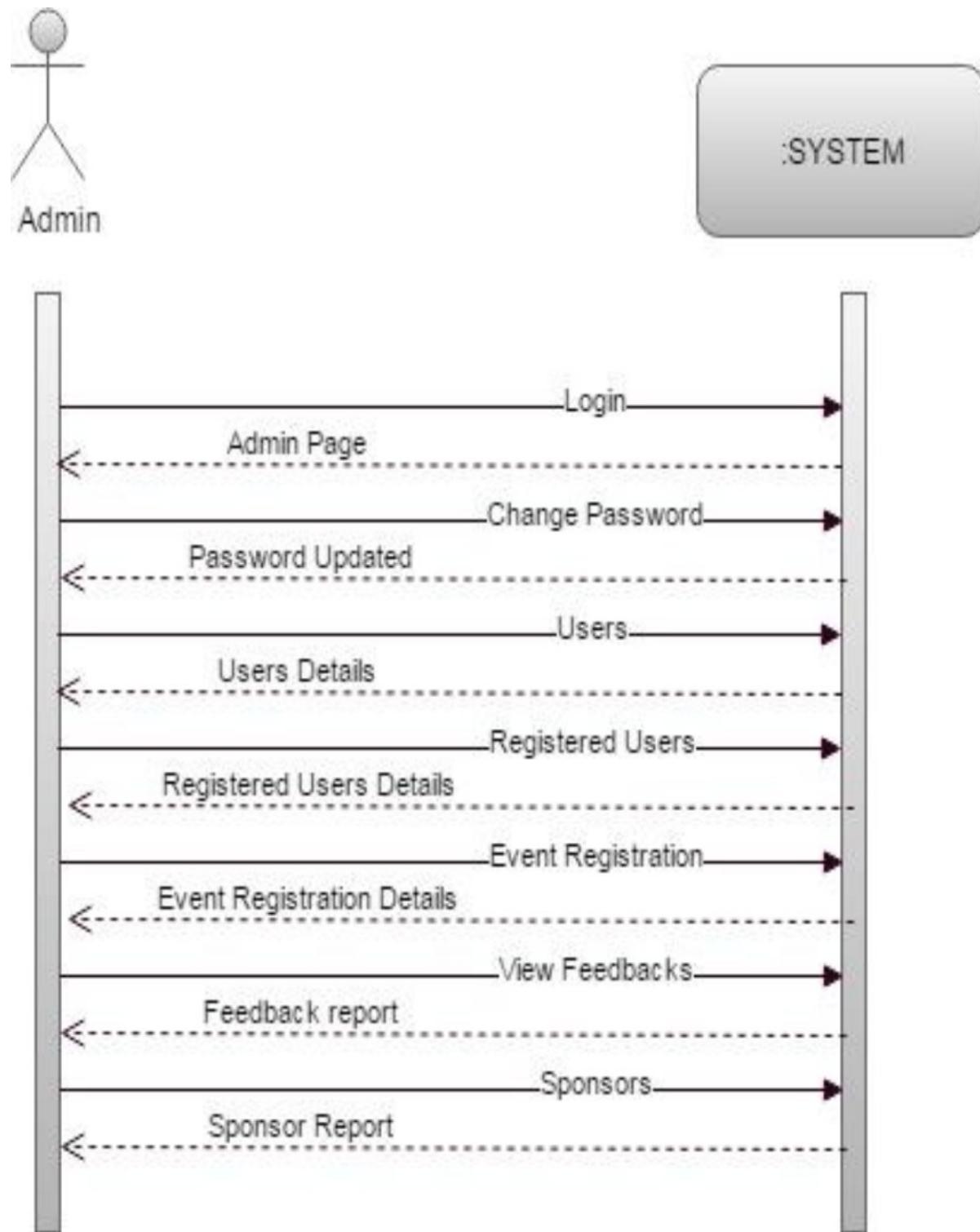


## SEQUENCE DIAGRAM

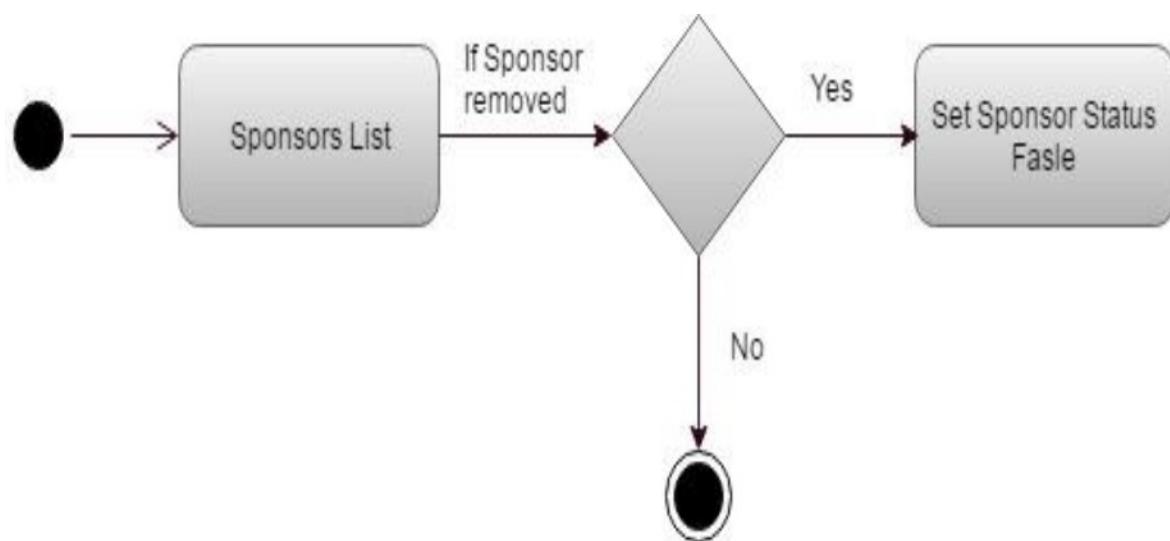
**Sequence diagram:** A sequence diagram represents the interaction between different objects in the system. The important aspect of a sequence diagram is that it is time-ordered. This means that the exact sequence of the interactions between the objects is represented step by step.

### System sequence diagram for user:



**System sequence diagram for admin:**

## STATE MACHINE DIAGRAM



# SYSTEM DESIGN

### **III) SYSTEM DESIGN**

- CONVERTING ERD TO TABLES
- DESIGN CLASS DIAGRAM
- COMPONENT DIAGRAM
- PACKAGE DIAGRAM
- DEPLOYMENT DIAGRAM

## Converting ERD to Tables

**users:**

1. user\_id
2. fname
3. lname
4. username
5. pass
6. emailed
7. mobile
8. colgname

**events:**

1. event\_id
2. event\_name
3. registration\_amount
4. event\_image
5. eventhead\_name
6. eventhead\_contact
7. event\_description

**sponsors:**

1. sponsor\_id
2. sponsor\_name
3. sponsor\_email
4. sponsor\_contact
5. sponsor\_image
6. sponsor\_status

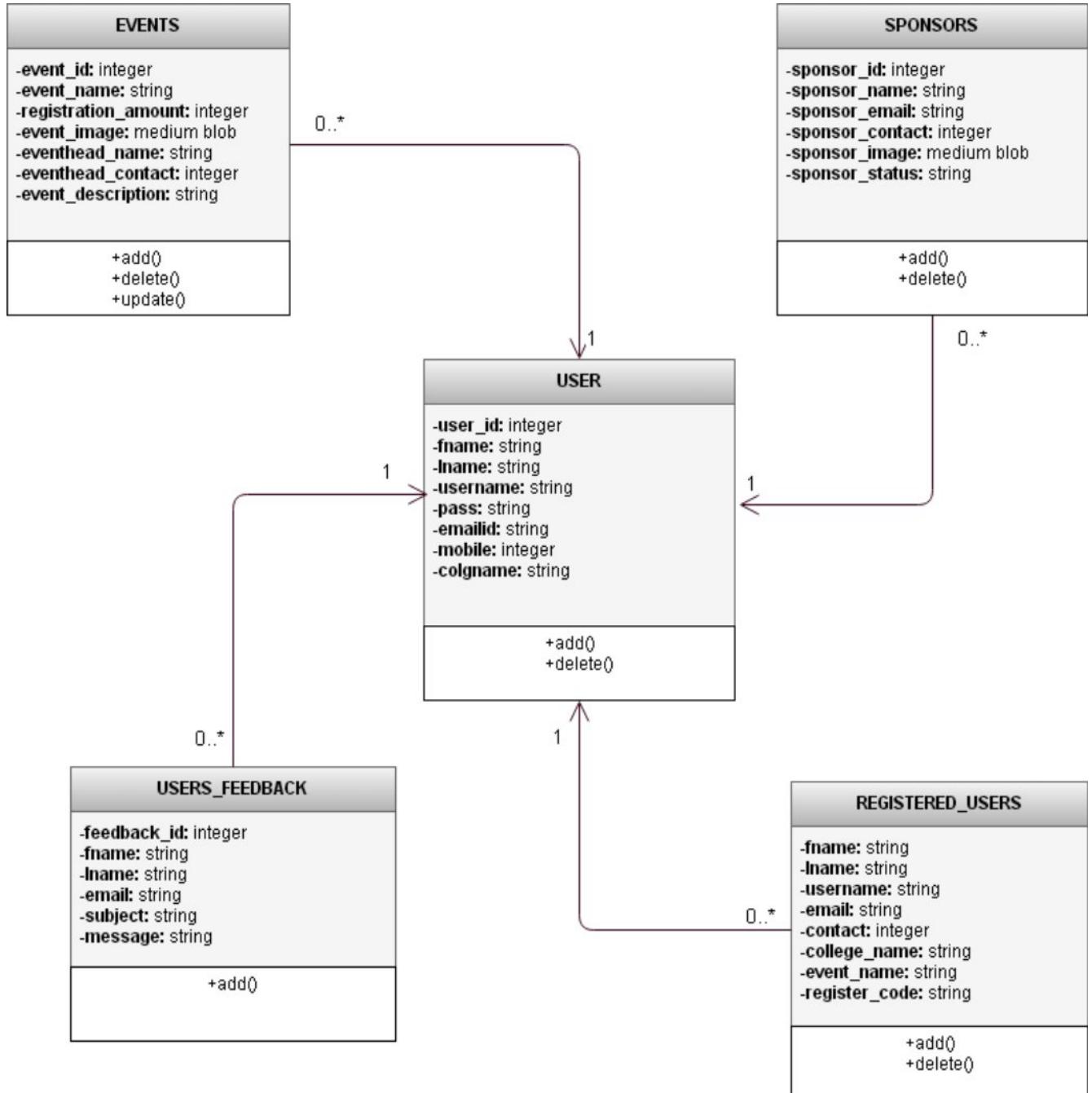
**users feedback:**

1. feedback\_id
2. fname
3. lname
4. email
5. subject
6. message

**registered users:**

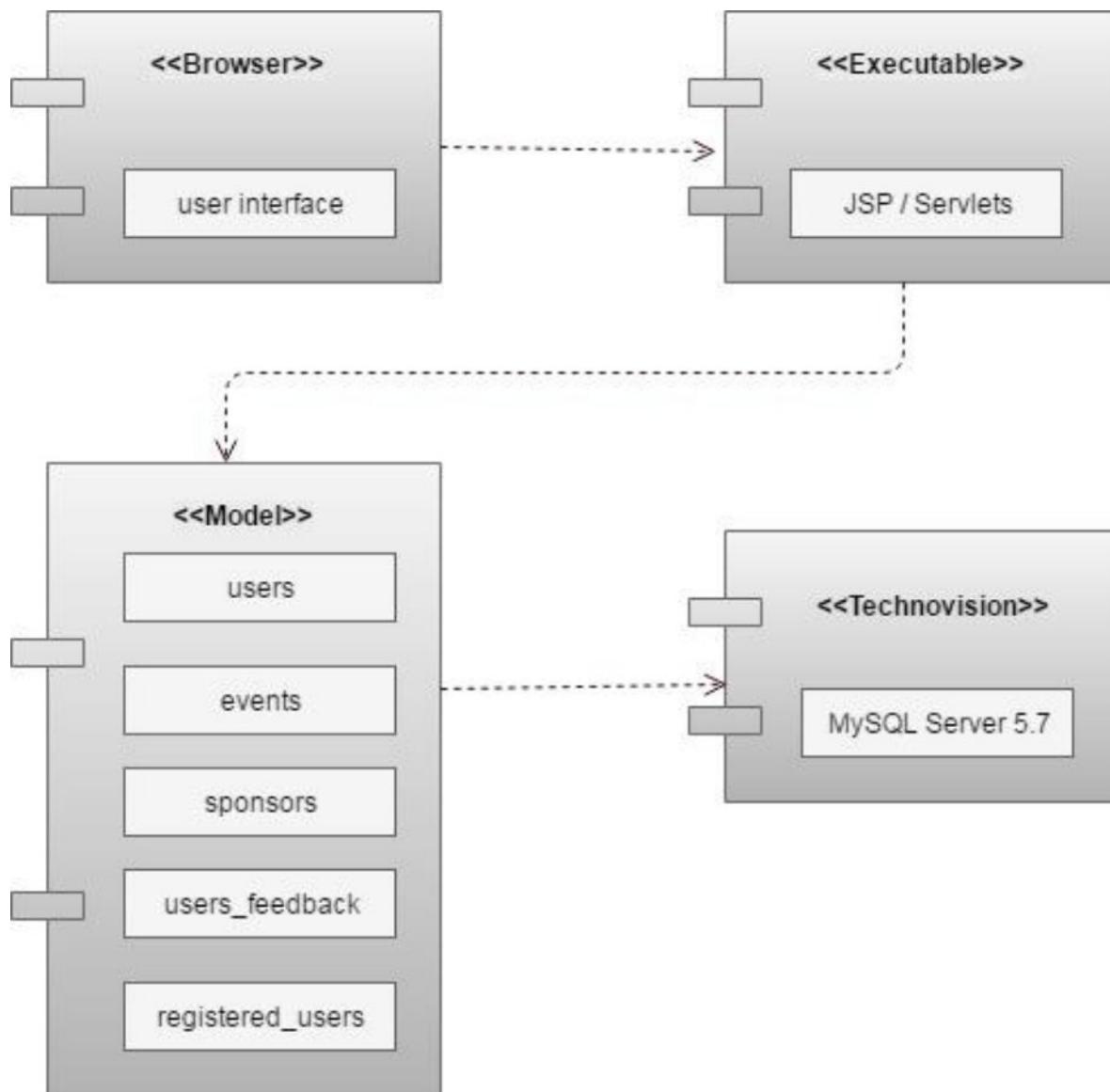
1. fname
2. lname
3. username
4. email
5. contact
6. college\_name
7. event\_name
8. register\_code

# DESIGN CLASS DIAGRAM



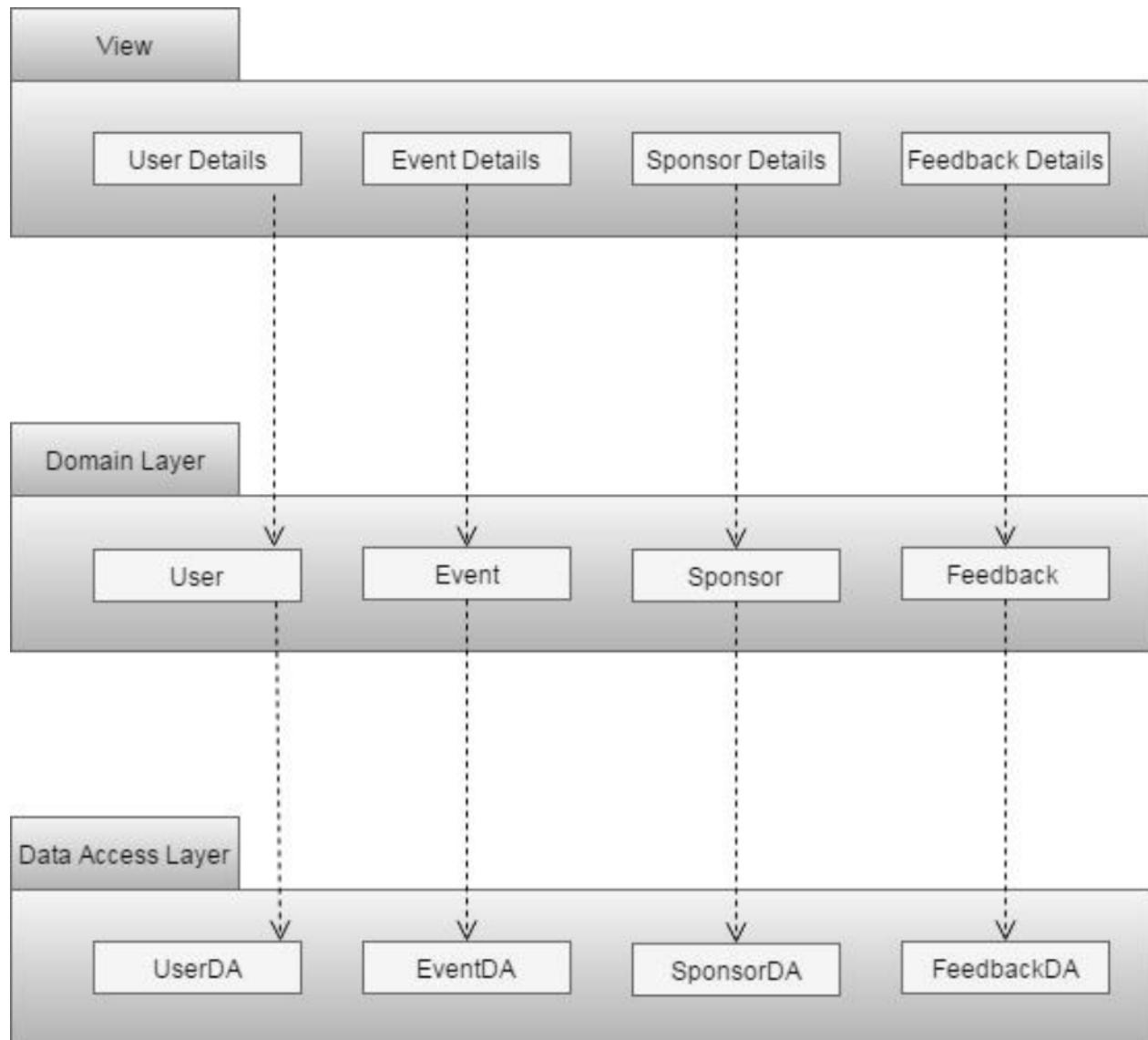
## COMPONENT DIAGRAM

The component diagram represents the high-level parts that make up the system. This diagram depicts, at a high level, what components form part of the system and how they are interrelated. A component diagram depicts the components called after the system has undergone the development or construction phase.

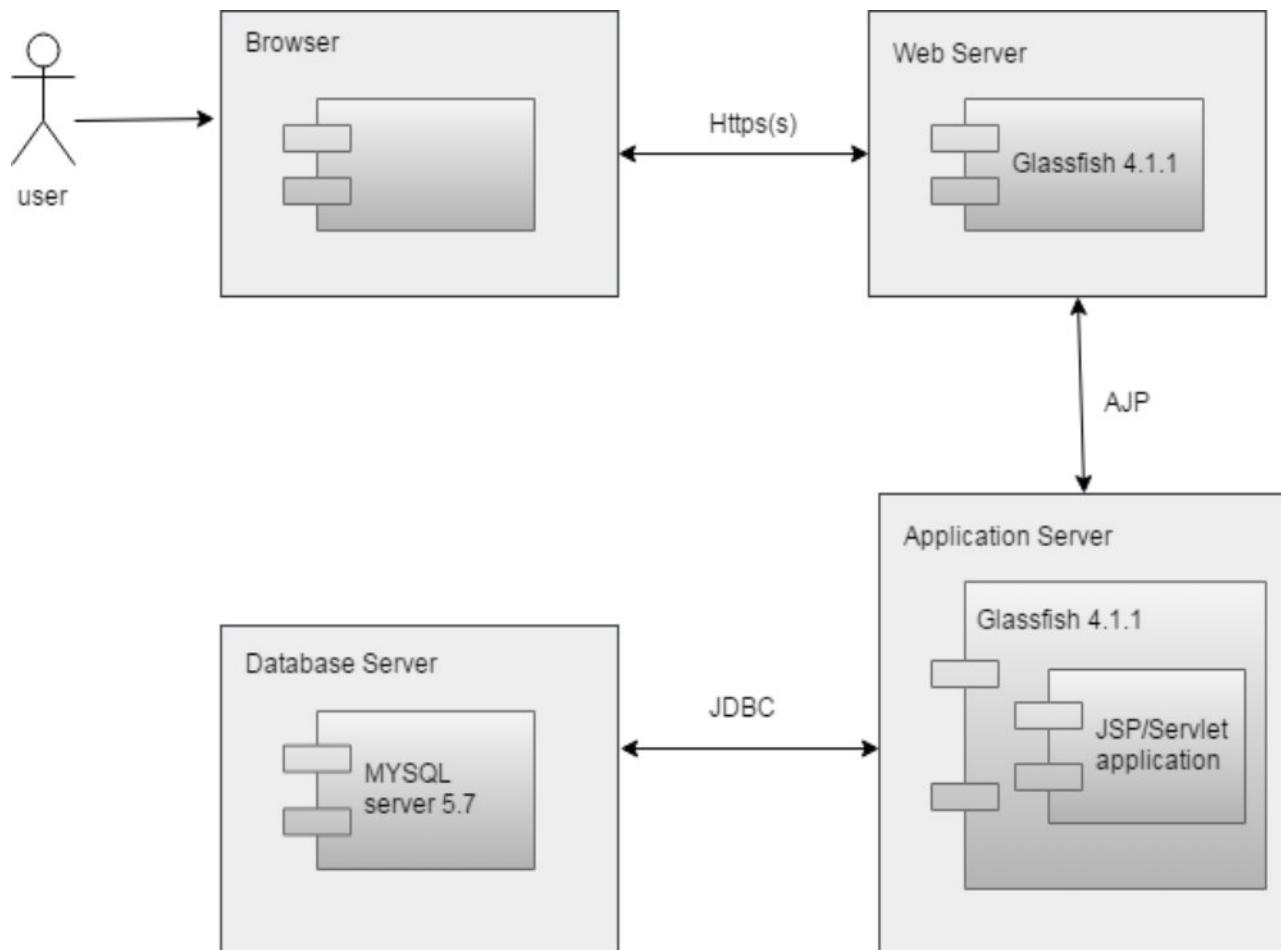


## PACKAGE DIAGRAM

A package provides the ability to group together classes and/or interfaces that are either similar in nature or related. Grouping these design elements in a package element provides for better readability of class diagrams, especially complex class diagrams.



## DEPLOYMENT DIAGRAM

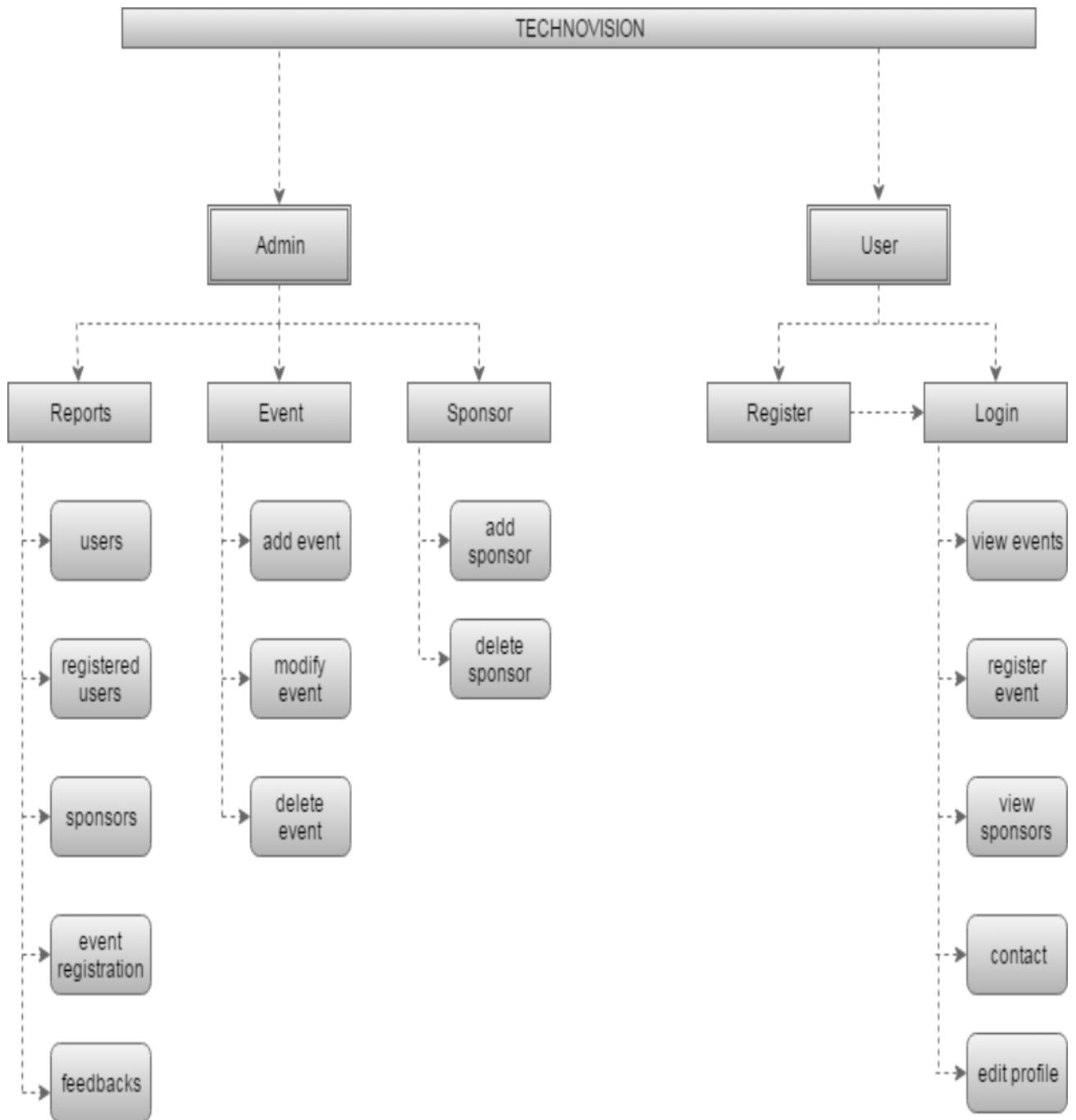


# SYSTEM CODING

### **III) SYSTEM CODING**

- **SITEMAP**
- **LIST OF TABLES WITH ATTRIBUTES AND CONSTRAINTS**
- **DESIGN PATTERNS**
- **VALIDATIONS**
- **SCREEN LAYOUT**
- **REPORT LAYOUT**

# SITEMAP



## List of tables with attributes and constraints

### TABLE DESIGN:-

#### **Table Name: users**

This table stores the details of the user registered to the website.

v technovision users	
g	user_id : int(11)
g	fname : varchar(20)
g	lname : varchar(20)
g	username : varchar(20)
g	pass : varchar(25)
g	emailid : varchar(50)
g	mobile : varchar(20)
g	colname : varchar(30)

#### **Table Name: events**

This table stores the details of the events being conducted.

v technovision events	
g	event_id : int(6)
g	event_name : varchar(25)
#	registration_amount : int(4)
◆	event_image : mediumblob
g	eventhead_name : varchar(25)
#	eventhead_contact : bigint(20)
g	event_description : varchar(1000)

**Table Name: sponsors**

This table stores detail of the sponsors of technovision festival.

technovision sponsors	
⌚	sponsor_id : int(11)
⌚	sponsor_name : varchar(50)
⌚	sponsor_email : varchar(25)
#	sponsor_contact : bigint(20)
⌚	sponsor_image : mediumblob
⌚	sponsor_status : varchar(10)

**Table Name: users\_feedback**

This table stores the feedback provided by the users

technovision users_feedback	
⌚	feedback_id : int(11)
⌚	fname : varchar(20)
⌚	lname : varchar(20)
⌚	email : varchar(40)
⌚	subject : varchar(80)
⌚	message : varchar(4000)

**Table Name: registered\_users**

This table contains the data of the users who have registered for particular events.

technovision registered_users	
⌚	fname : varchar(20)
⌚	lname : varchar(20)
⌚	username : varchar(25)
⌚	email : varchar(25)
#	contact : bigint(14)
⌚	college_name : varchar(20)
⌚	event_name : varchar(20)
⌚	register_code : varchar(25)

## **DESIGN PATTERNS USED:**

The project being a web based application; it has been made sure to provide easy access to different web pages.

The users can navigate throughout links easily as the project is designed using bootstrap. Particle js is been used to enhance the look and feel of the website.

Also to make consistent layouts of contents when rendered on different browsers, the web pages are designed using grid layouts.

To make it work on different platforms like mobile and tablets, media queries and bootstrap classes are used.

## **VALIDATIONS:**

Validation is very important in any system so that meaningless data won't represent the data fields. They are the integral part of any user interface. Validation prevents the further complications those may occur. It helps the new user to enter proper data into the system.

### **Login form:**

For the security purpose, the login form is used where the user should enter proper user name, password and suitable domain. If the user is entering wrong user name or password to the system, then system will get ended. Further the fields cannot be left blank. In fault in any one of the above it will revert with an "Invalid credentials" message.

### **Registration Form:**

If the user is using this website for the first time then he/she will have to register themselves by entering a username, password and domain. If anyone field is left blank, it returns a message box. After successful registration, it will prompt the user to login with the credentials.

### **Edition of records:**

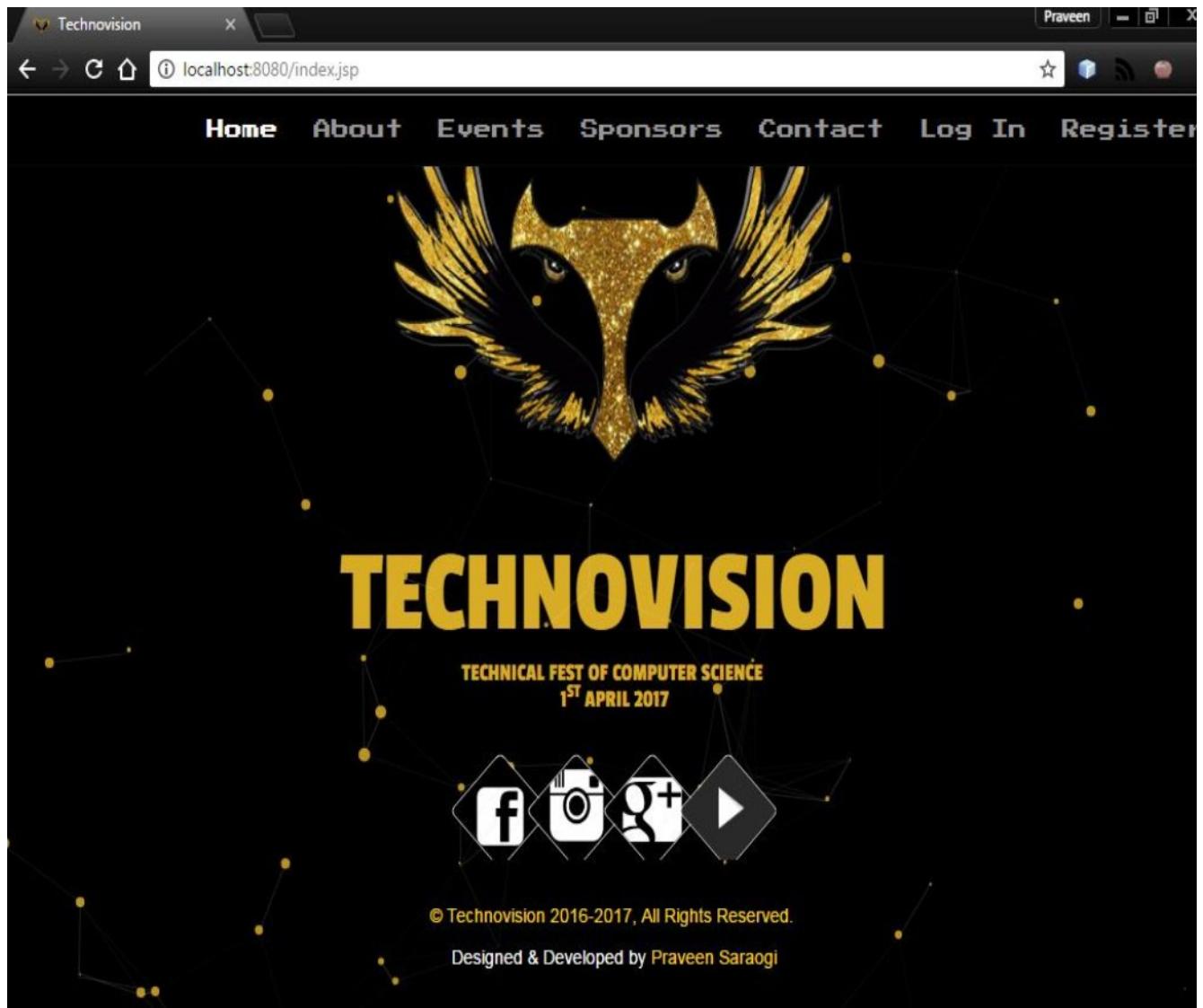
Whenever the student wants to edit profile, the original profile form is uploaded with the previously inserted values in the textboxes. The user can then edit any of the textboxes needed and submit it.

The following are some other validations enhanced:

1. The fields marked with asterisk cannot be null.
2. The fields that accept phone number, pin code can only accept numeric digits.
3. Phone number are restricted to 10digits
4. The fields such as email id, URL should be according to their appropriate format.

## SCREEN LAYOUTS

### Homepage:



## About Page:

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/about.jsp". The page has a dark background with yellow text and a network-like graphic of dots and lines. The navigation bar at the top includes links for Home, About, Events, Sponsors, Contact, Log In, and Register. The main title "About TECHNOVISION" is displayed prominently in large yellow letters. Below the title, there are two paragraphs of text. The first paragraph describes TECHNOVISION as an intercollege Tech-Fest conducted by the "BSc CS" department of SIES (NERUL) COLLEGE OF ARTS, SCIENCE AND COMMERCE, highlighting it as a concoction of technical and cultural extravaganza. The second paragraph describes TECHNOVISION as a fun-filled and exciting inter-collegiate festival, featuring events like Treasure hunts, mind games, technical implementations, and quizzes. Both paragraphs mention TECHNOVISION as a platform for various events and activities that encourage students to propagate their skills and talent, with events designed to help students think, act, and perform in challenging environments to improve their competitive skills in different fields. At the bottom of the page, there is a copyright notice: "© Technovision 2016-2017, All Rights Reserved." and "Designed & Developed by Praveen Saraogi".

**TECHNOVISION** is an intercollege Tech-Fest conducted by the "BSc CS" department of **SIES (NERUL) COLLEGE OF ARTS, SCIENCE AND COMMERCE**. It will be a concoction of technical and cultural extravaganza!

**TECHNOVISION** will be a fun-filled and exciting inter-collegiate festival highlighted by events such as Treasure hunts, mind games, technical implementations and quizzes.

**TECHNOVISION** is a platform which will host a variety of events and activities which will encourage students to propagate their skills and talent.

All the events are planned to help the students think, act and perform in challenging environments to improve their competitive skills in different fields.

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## Events Page:

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/events.jsp". The page has a dark background with yellow highlights. At the top, there is a navigation bar with links: Home, About, Events, Sponsors, Contact, Log In, Register, Treasure Hunt, and Last minute. Below the navigation bar, there are five event cards arranged in two rows of three and one row of two.

- Treasure Hunt**
  - Registration Amount - 50/-
  - Event Head - Mehnaz
  - Contact - 7208190998

[View](#)
- last minute**
  - Registration Amount - 20/-
  - Event Head - Nitin
  - Contact - 7666931619

[View](#)
- Tech Worm**
  - Registration Amount - 40/-
  - Event Head - Jyoti
  - Contact - 9930686418

[View](#)
- Twister**
  - Registration Amount - 40/-
  - Event Head - Priyanka
  - Contact - 7208638043

[View](#)
- Chalk Roll**
  - Registration Amount - 10/-
  - Event Head - Ajinkya
  - Contact - 9833994757

[View](#)
- Blind Typing**
  - Registration Amount - 20/-
  - Event Head - ayush
  - Contact - 9004070356

[View](#)

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/events.jsp". The page has a dark background with yellow highlights. At the top, there is a navigation bar with links: Home, About, Events, Sponsors, Contact, Log In, Register, Treasure Hunt, and Last minute. Below the navigation bar, there are four event cards arranged in two rows of two.

- Logo designing**
  - Registration Amount - 10/-
  - Event Head - Ajinkya
  - Contact - 9833994757

[View](#)
- Blind Typing**
  - Registration Amount - 20/-
  - Event Head - ayush
  - Contact - 9004070356

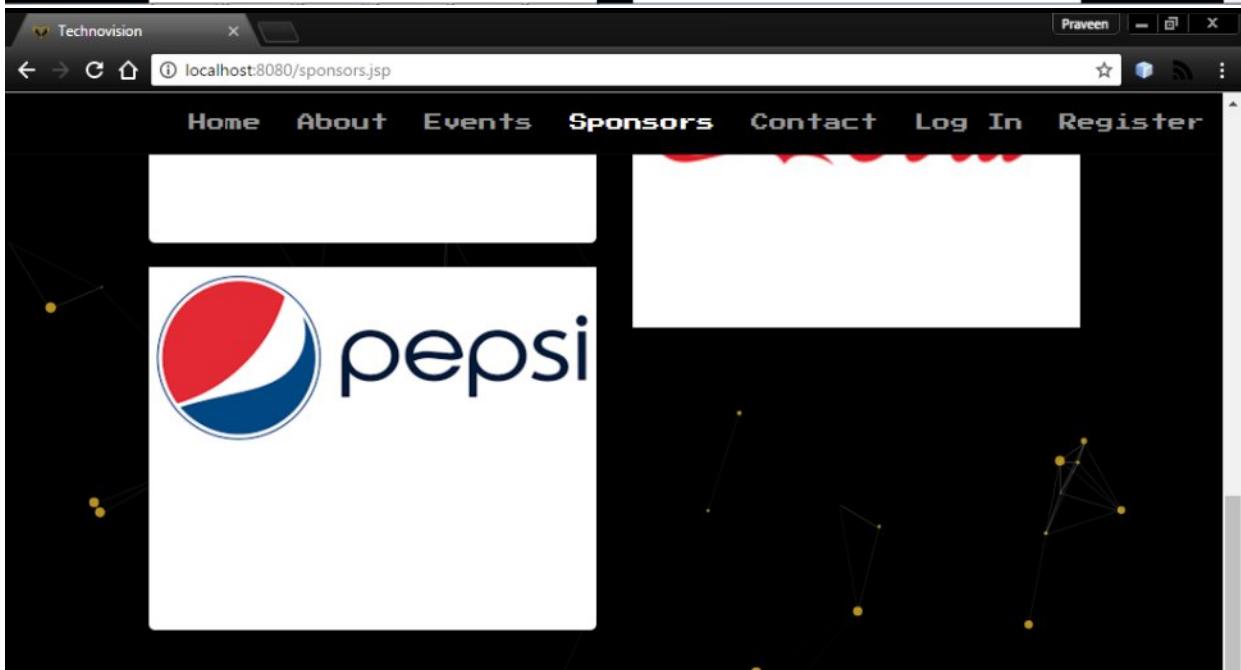
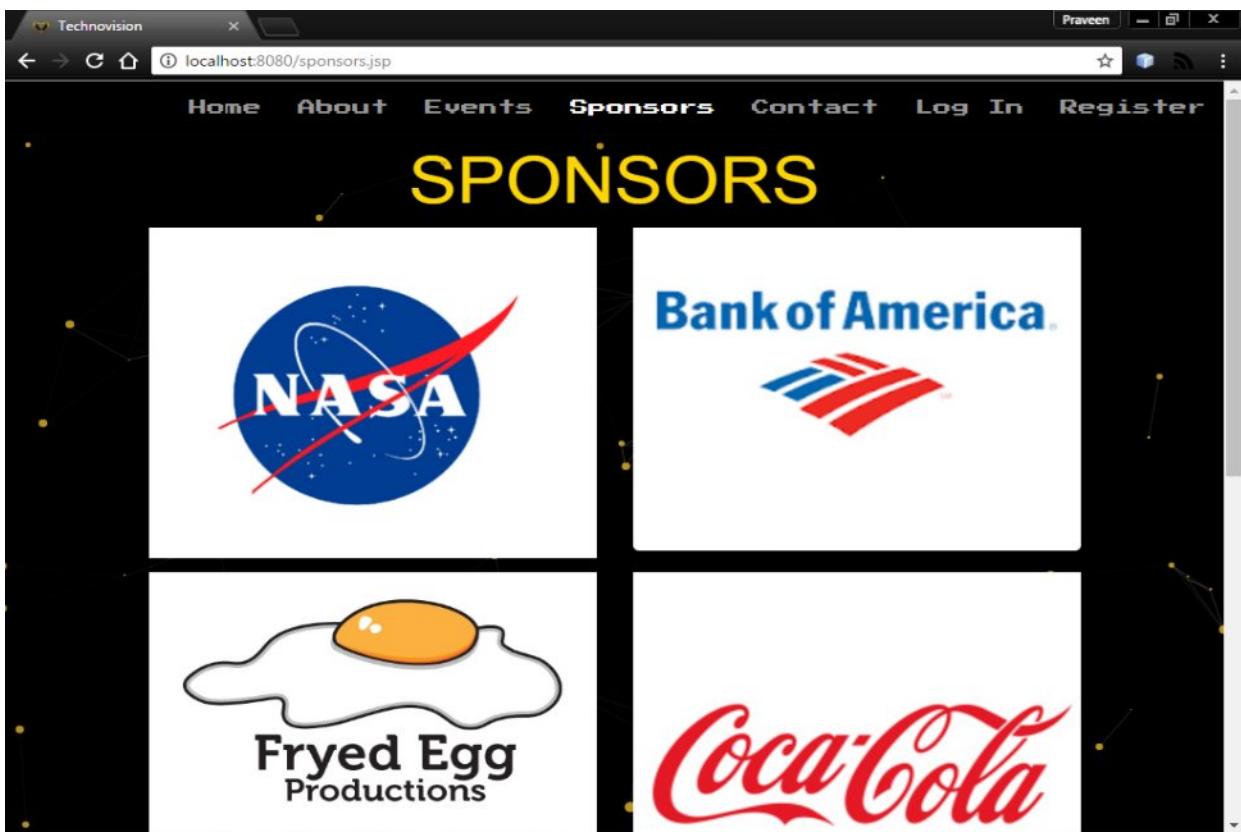
[View](#)
- Chalk Roll**
  - Registration Amount - 40/-
  - Event Head - Jitesh
  - Contact - 8789778798

[View](#)
- Treasure Hunt**
  - Registration Amount - 50/-
  - Event Head - Mehnaz
  - Contact - 7208190998

[View](#)

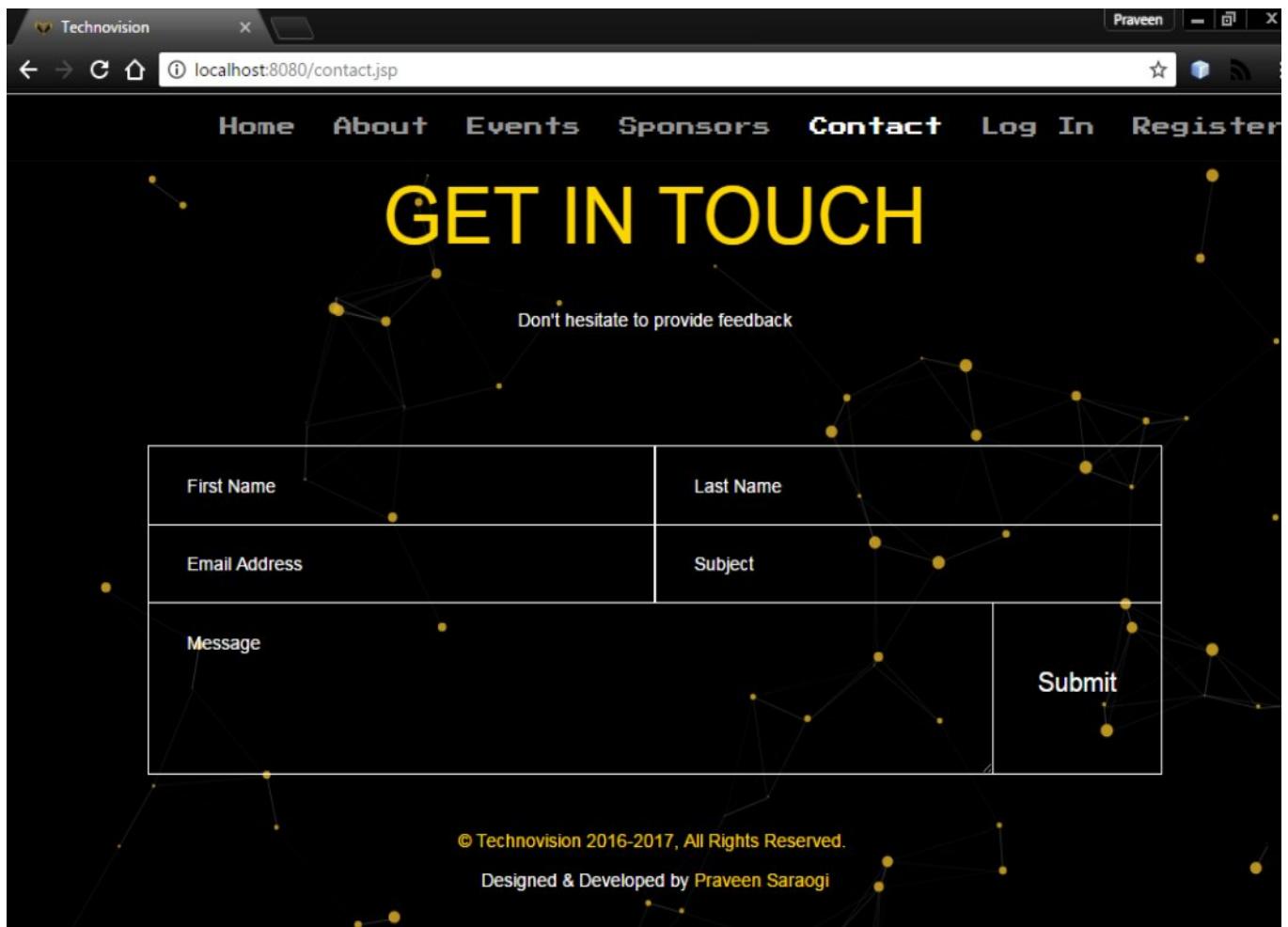
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## Sponsor Page:

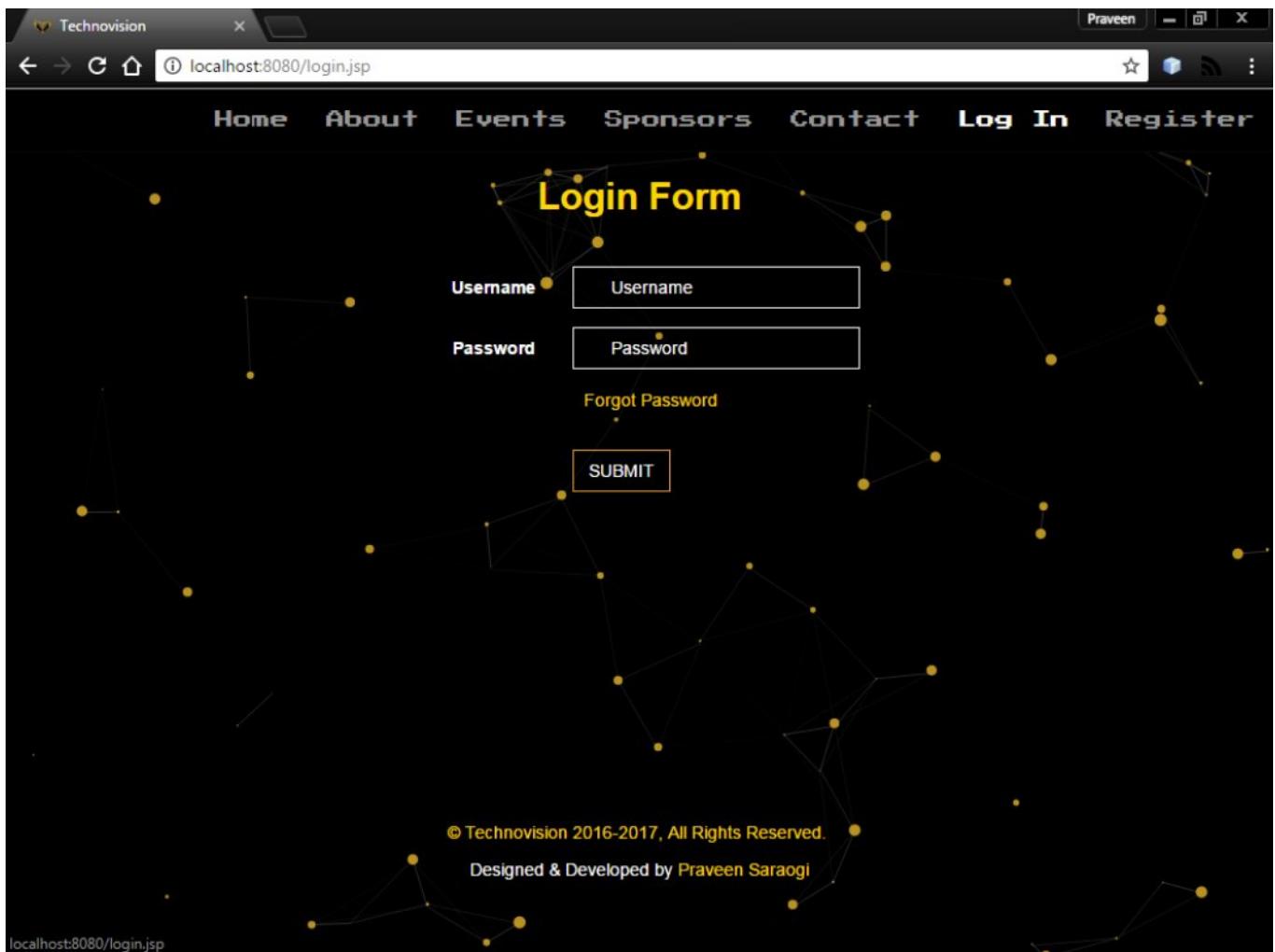


If you are interested to sponsor kindly drop a mail at [technovisioncs@gmail.com](mailto:technovisioncs@gmail.com) or else contact at +91 8286108360

## Contact Page:



## Login Page:



## Register Page:

The screenshot shows a registration form titled "Registration Form" on a website with a dark background. The form includes fields for First Name, Last Name, Username, Password, Confirm Password, E-Mail, Contact No., and College Name. Each field is accompanied by a descriptive placeholder text. A "SUBMIT" button is located at the bottom left. The page footer contains copyright and developer information.

First Name\*

Last Name\*

Username\*

Password\*

Confirm Password\*

E-Mail\*

Contact No.\*

College Name\*

**SUBMIT**

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localhost:8080/register.jsp

## Profile Page:

Technovision    Praveen

localhost:8080/user-about.jsp?id=23&uname=raviloop

Home About Events Sponsors Contact raviloop Logout

### Personal Details

First Name\*

Last Name\*

Username\*

Password\*  Change Password

E-Mail\*

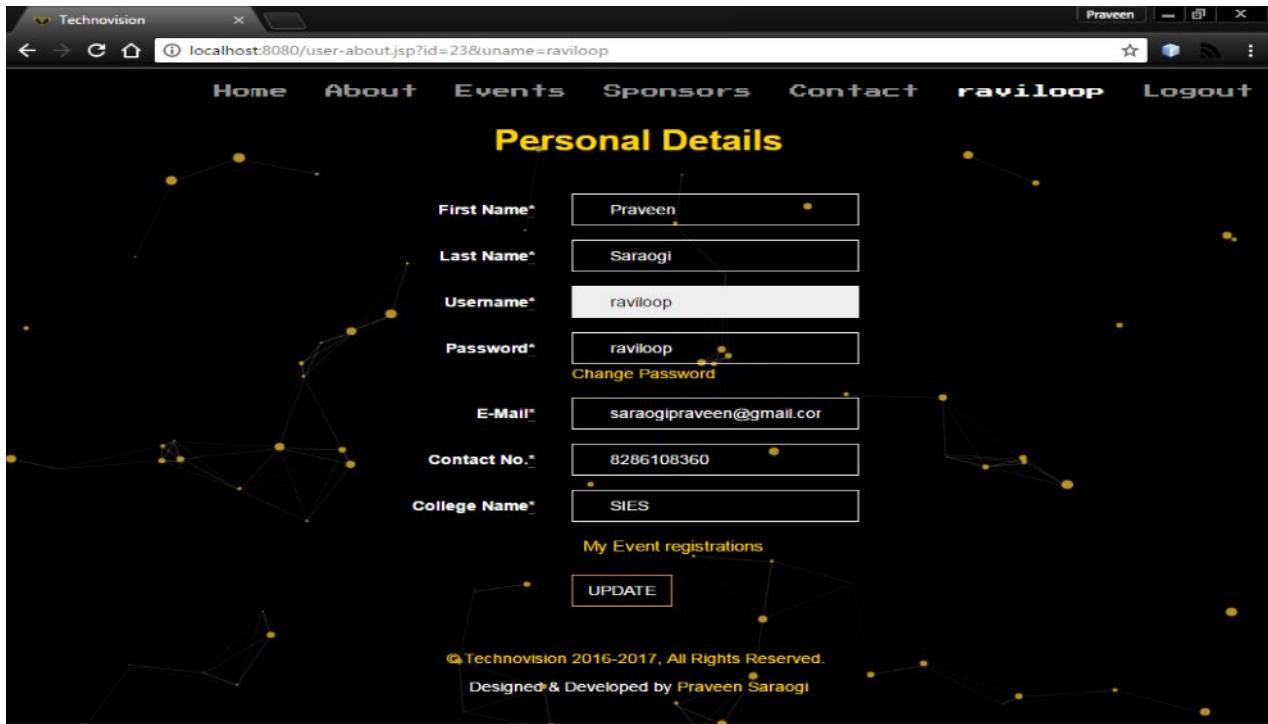
Contact No.\*

College Name\*

My Event registrations

UPDATE

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Technovision    Praveen

localhost:8080/change-password.jsp

Home About Events Sponsors Contact raviloop Logout

### Change Password

Current Password

New Password

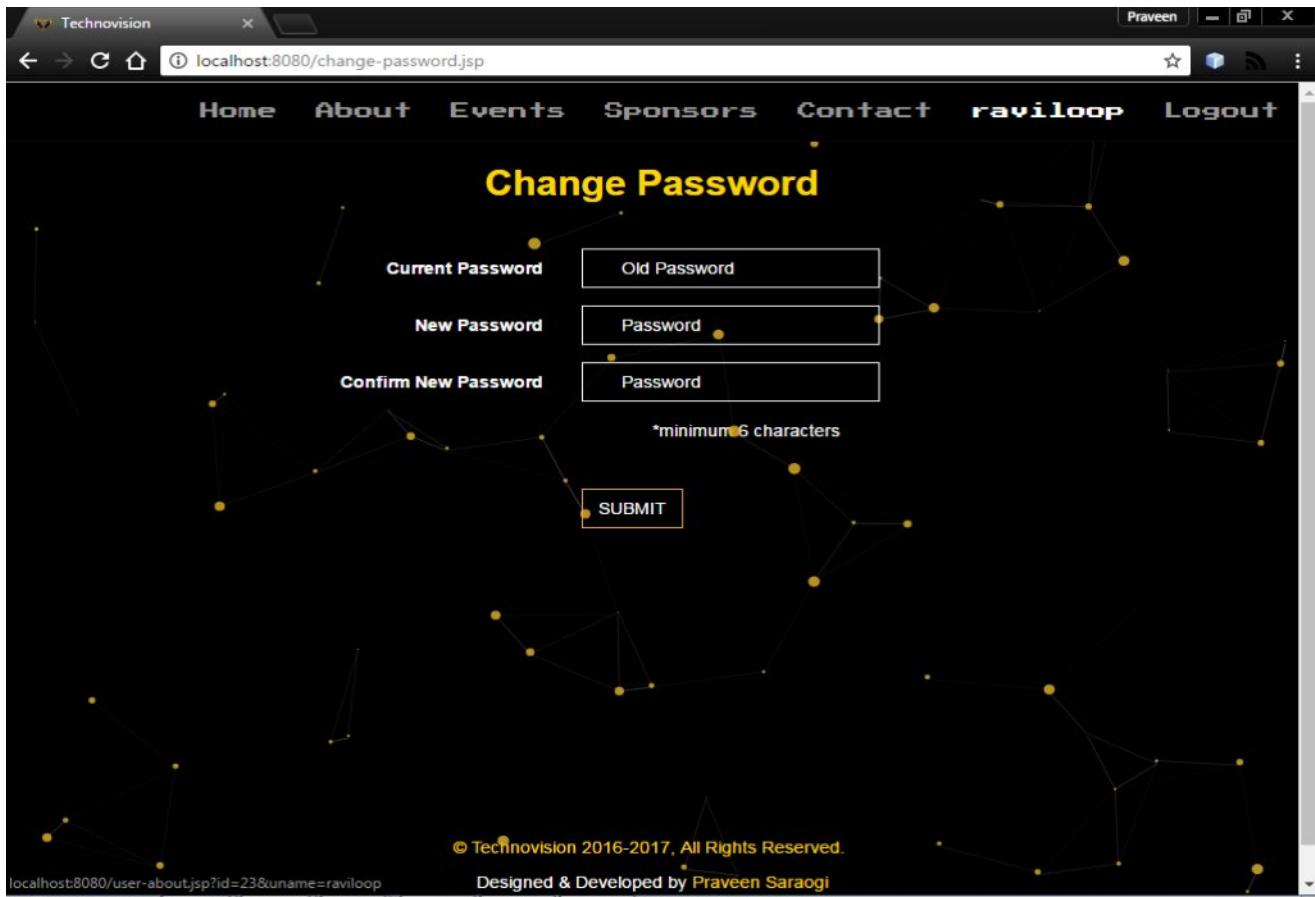
Confirm New Password

\*minimum 6 characters

SUBMIT

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localhost:8080/user-about.jsp?id=23&uname=raviloop



## User Feedback Page:

Home About Events Sponsors Contact raviloop Logout

# GET IN TOUCH

Don't hesitate to provide feedback

Praveen	Saraogi
saraogipraveen@gmail.com	Subject
Message	
Submit	

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Home About Events Sponsors Contact raviloop Logout

## Your Registration

Sr.no	Event Name	Registration Amount	EventHead Name	EventHead Contact	Registration Code	Action
1	Code A Thon	20	swati	9769464826	87SMD0	<a href="#">unregister</a>
2	Google Doodle	20	Shruti Vinod	8108907047	5RUJJ3	<a href="#">unregister</a>
3	Tech Worm	40	Jyoti	9930686418	UHC3LM	<a href="#">unregister</a>

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## Event register Page:

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/RegisterEvent?id=20". The page header includes links for Home, About, Events, Sponsors, Contact, raviloop, and Logout. A decorative banner at the top features the colors of the Indian flag. The main content area displays the title "Twister" in yellow. Below it, a section titled "Introduction" contains text about the game Twister. It also lists "Entry : 40" and "Priyanka: 7208638043" along with a yellow "Register" button. A note below the button states: "Note : After clicking on register button, you will a unique register code, keep it with you for verification." A success message "Event Registered Successfully and your registration code is Q54RDO" is displayed in green. At the bottom, copyright information reads "© Technovision 2016-2017, All Rights Reserved." and "Designed & Developed by Praveen Saraogi". The browser's address bar also shows the URL "localhost:8080/RegisterEvent?id=20".

Technovision    Praveen

localhost:8080/RegisterEvent?id=20

Home About Events Sponsors Contact raviloop Logout

Twister

### Introduction

Everybody loved this game from childhood. Guess what? Its back and it's even more exciting! For those of you who don't know, players face each other from the opposite ends of the mat. The referee spins the spinner and calls out the colour and body part then try to follow the directions. Hit the mat with your knee or elbow? You're out! Don't let the ground touch you with any part of your body not specified! So come and hit the hot spot!

Entry : 40

Priyanka: 7208638043

Register

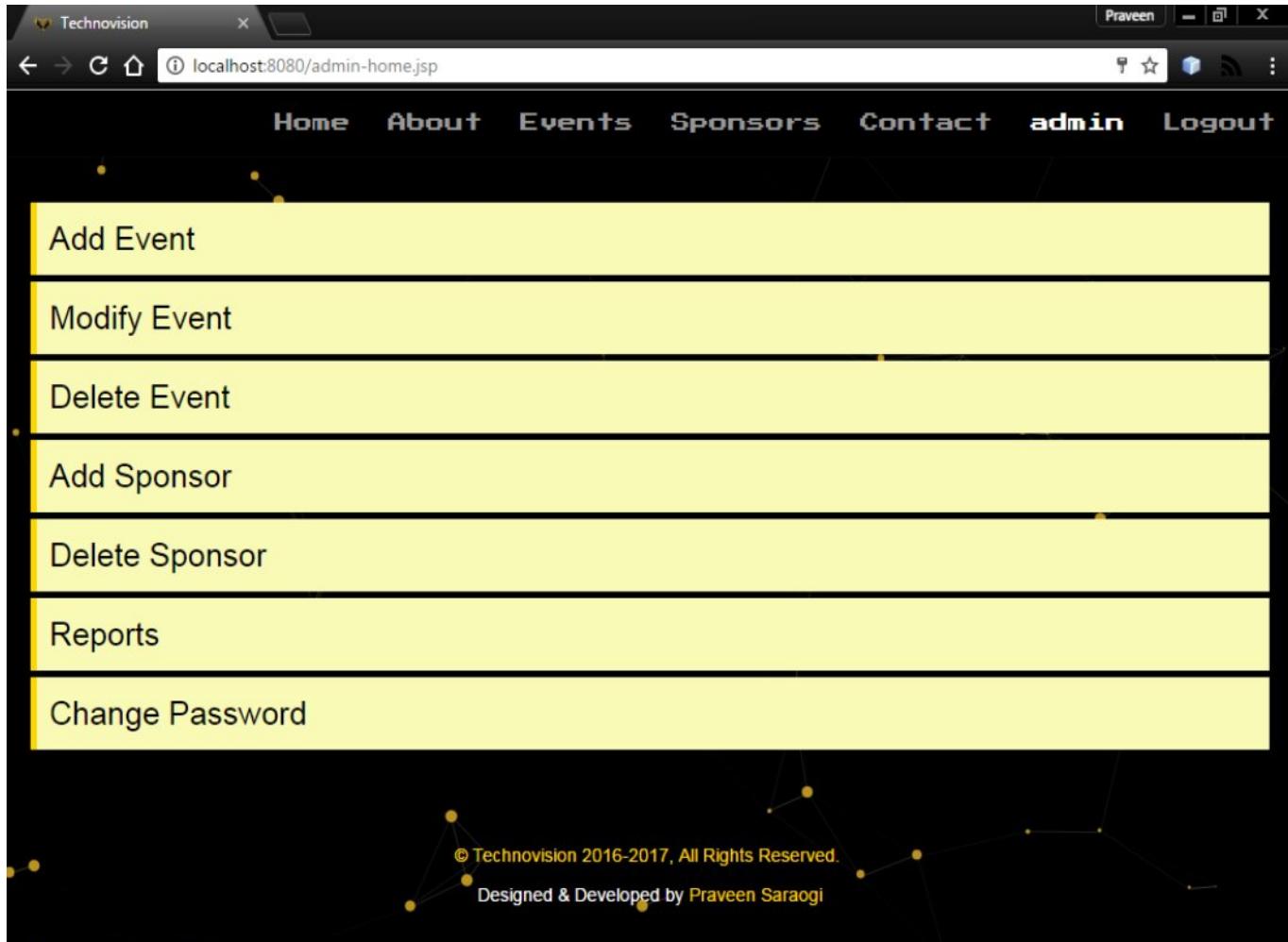
Note : After clicking on register button, you will a unique register code, keep it with you for verification.

Event Registered Successfully and your registration code is Q54RDO

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localhost:8080/RegisterEvent?id=20

## Admin Homepage:



## Add Event Form:

Technovision

localhost:8080/add-event.jsp

Home About Events Sponsors Contact admin Logout

**Add Event**

Event Name\*

Registration Amount\*

Event Image\*  Choose File No file chosen

EventHead Name\*

EventHead Contact \* (+91)

Event Description\*

SUBMIT

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## Modify Event Page:

Technovision

localhost:8080/modify-event.jsp

Home About Events Sponsors Contact admin Logout

**Modify Event**

Event name	Registration Amount	EventHead name	EventHead contact	Event Description	Action
Code A Thon	20	swati	9769464826	It's here. Total competition, one winner. Code-A-Thon is one of the biggest events of Technovision and one of its kind, will not only test your programming skills but your passion towards programming. Let's work those sticky keys and tick those brains! This is the ultimate test of your concentration skills. Three rounds in total, each round will test your difficulties to the core. Once the timer starts, you're on your own. Do you have what it takes to be a good programmer ? Come and put your skills to the test now.	<a href="#">Modify</a>
Google Doodle	20	Shruti Vinod	8108907047	Hey, love Googling? Then this is the event for you. Can you team up with the biggest search engine on the planet? There are 3 rounds with different clues which you have to identify with the help of your partner i.e. Google. Solve the clues with your savvy search skills and the fastest to find the hint will win the game. So let's see your chemistry with Google, come and sign up at our registration desk. Are you feeling lucky..	<a href="#">Modify</a>
Treasure Hunt	50	Mehnaz	7208190998	Blues clues!! Hey, I remember that show! So, wanna have an experience of looking for treasure with clues? Here you go, Technical Treasure Hunt offers that and much more! Since it's presented in a technical format you may not only find clues on paper but also on screens. Find all the objects and return victorious. Roam far and wide, after all anyone would love to have bragging rights for Treasure Hunt. So listen up people, it's time to move, don't miss the treasure hunt. And yes, don't forget to carry your luck with you.	<a href="#">Modify</a>

localhost:8080/modify-page.jsp?id=15

## Modify event form:

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/modify-page.jsp?id=15". The page is titled "Modify Event". The form fields are as follows:

- Event Name\***: Code A Thon
- Registration Amount\***: 20
- Event Image\***: Choose File (No file chosen)
- EventHead Name\***: swati
- EventHead Contact \***: 9769464826
- Event Description\***: It's here. Total competition,

A "SUBMIT" button is located at the bottom of the form. At the very bottom of the page, there is copyright information: "© Technovision 2016-2017, All Rights Reserved." and "Designed & Developed by Praveen Saraogi".

## Delete Event Page:

**Technovision** Praveen

localhost:8080/delete-event.jsp

Home About Events Sponsors Contact admin Logout

### Delete Event

SR NO	Event name	Registration Amount	EventHead name	EventHead contact	Event Description	Action
1	Code A Thon	20	swati	9769464826	<p>It's here. Total competition, one winner. Code-A-Thon is one of the biggest events of Technovision and one of its kind, will not only test your programming skills but your passion towards programming. Let's work those sticky keys and rack those brains! This is the ultimate test of your concentration skills. Three rounds in total, each round will test your difficulties to the core. Once the timer starts, you're on your own. Do you have what it takes to be a good programmer? Come and put your skills to the test now.</p>	<a href="#">Delete</a>
2	Google Doodle	20	Shruti Vinod	8108907047	<p>Hey, love Googling? Then this is the event for you. Can you team up with the biggest search engine on the planet? There are 3 rounds with different clues which you have to identify with the help of your partner i.e. Google. Solve the clues with your savvy search skills and the fastest to find the hint will win the game. So let's see your chemistry with Google, come and sign up at our registration desk. Are you feeling lucky.</p>	<a href="#">Delete</a>
3	Treasure Hunt	50	Mehnaz	7208190998	<p>Blues clues!! Hey, I remember that show! So, wanna have an experience of looking for treasure with clues? Here you go. Technical Treasure Hunt offers that and much more! Since it's presented in a technical format you may not only find clues on paper but also on screens. Find all the objects and return victorious. Roam far and wide, after all anyone would love to have bragging rights for Treasure Hunt. So listen up people, it's time to move, don't miss the treasure hunt. And yes, don't forget to carry your luck with you.</p>	<a href="#">Delete</a>
					Always wanted to sharpen your skills, but never had a chance to show or prove yourself? That's it, there isn't a better place than this to showcase your talent, with some exciting levels that will put your mind to the test and brutally challenging your competitors giving no rest. You have just	<a href="#">Delete</a>

localhost:8080/delete-page.jsp?id=15

**Technovision** Praveen

localhost:8080/delete-event.jsp

Home About Events Sponsors Contact admin Logout

5	Tech Worm	40	Jyoti	9930686418	registration desk. All the best!!  Quizzes, quizzes, quizzes!! Whew! We remember a lot of them since school days, but how is this different? Enter the "Tech Worm" where tech and games brings something exciting!! Three rounds shall test your ability to beat the best. Broaden your mind with GK. So Who's gonna be the Quiz-o-Maniac So, hey! Don't be shy, put in your name and race to the finish!! We want the best.	<a href="#">Delete</a>
6	Twister	40	Priyanka	7208638043	Everybody loved this game from childhood. Guess what? It's back and it's even more exciting! For those of you who don't know, players face each other from the opposite ends of the mat. The referee spins the spinner and calls out the colour and body part then try to follow the directions. Hit the mat with your knee or elbow? You're out! Don't let the ground touch you with any part of your body not specified! So come and hit the hot spot!	<a href="#">Delete</a>
7	Slow Roll	10	Ajinkyaa	9833994757	Whoa! Did you see that bicycle race ? Must be Slow Roll! Come and join one of the funniest events, where 5 small bicycles shall be given to different participants to ride and win the race. But it's not that easy, there is a twist to it. The slowest rider wins the race, yes ride slow and win. Keep trying till you get it slow because re-entries are there for this event. Expect plenty of giggles and laughs, as we draw huge crowds! Come and sign up for a ride full of fun. Ready, Steady, Po!	<a href="#">Delete</a>
8	Blind Typing	20	ayush ..	9004070356	Event is about to test your typing speed.	<a href="#">Delete</a>
9	Logo designing	40	Jitesh	8789778798	In a broad sense, a logo designer is responsible for the design and execution of various creative concepts for the marketing and web solutions of a particular organization. They are involved in the development of various branding materials of the company such as the logos, collaterals, flyers etc.	<a href="#">Delete</a>

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localhost:8080/delete-page.jsp?id=21

## Add Sponsor Form:

Organization Name

Email

Contact

Choose File No file chosen

SUBMIT

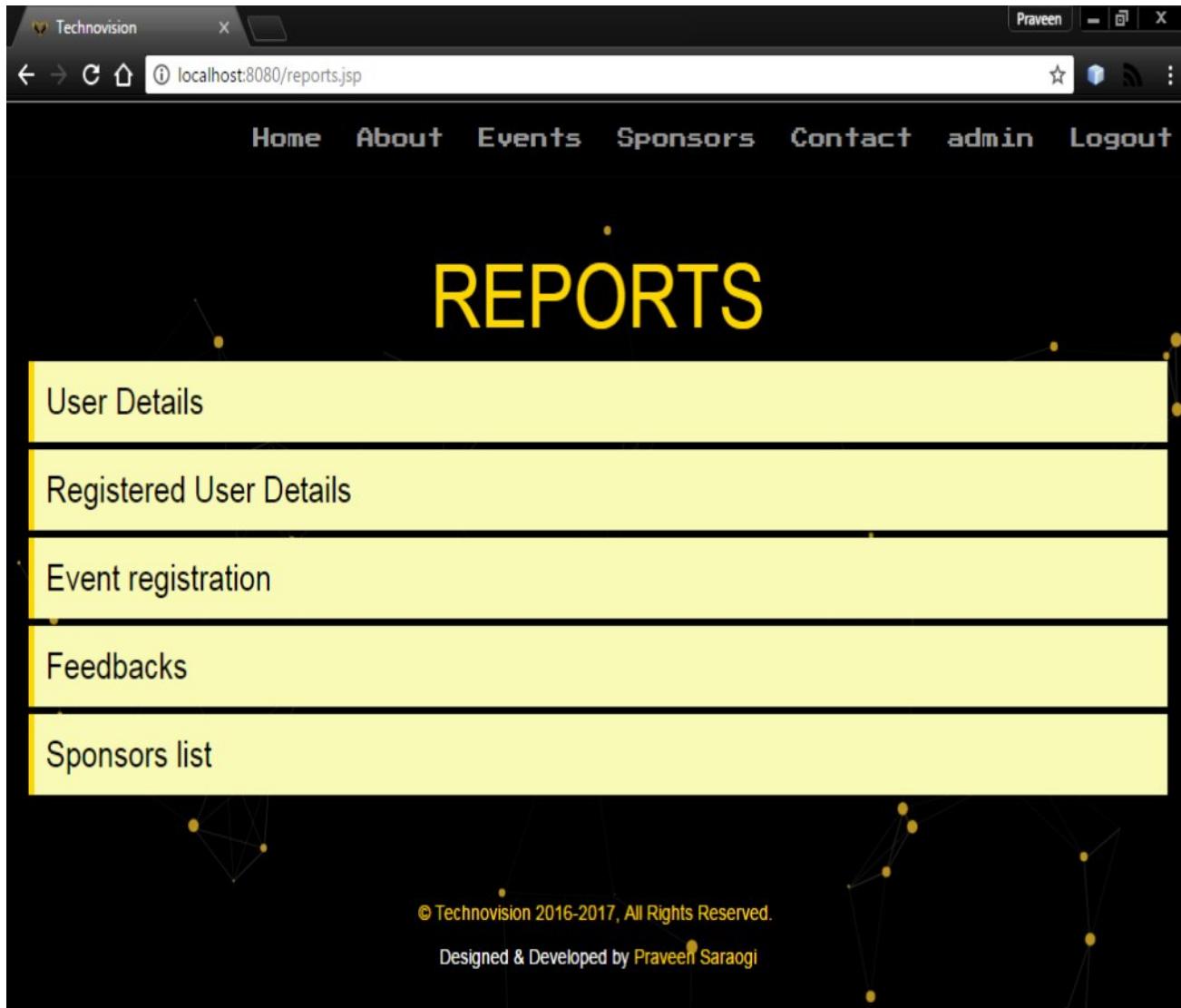
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Designed & Developed by Praveen Saraogi

## Delete Sponsor Page:

Sr.no	sponsor ID	Sponsor name	Email ID	Contact	Image	Action
1	4	National Aeronautics and Space Administration	nasa@gmail.com	9898989898		<a href="#">Remove</a>
2	5	Bank of America	boa@gmail.com	5734565787		<a href="#">Remove</a>
3	6	Fried Egg	fe@gmail.com	545634856566		<a href="#">Remove</a>
4	7	CocaCola	cc@gmail.com	5465634566		<a href="#">Remove</a>
5	8	Pepsi	pepsi@gmail.com	7859346563		<a href="#">Remove</a>

localhost:8080/DeleteSponsor?sid=4

## REPORT LAYOUTS



## Users Report:

Technovision    Praveen

localhost:8080/user-details-report.jsp

Home About Events Sponsors Contact admin Logout

### USERS

export to excel

Sr.no	First name	Username	Last name	Password	Email id	Contact	College name
1	Praveen	saraogi	admin	admin456	technovisioncs@gmail.com	8286108360	SIES
2	shubham	saraogi	saraogishubham4	apple123	saraogishubham@gmail.com	8435837957	pillai
3	Ayush	Pandey	pandeyayush	pandey	getayush747@gmail.com	9004070356	SIES
4	prafful	jagtap	prafful	pra123	praffulp4@rediffmail.com	4534534583	Changu Khana Thakur
5	vivek	venkatesh	vvivek	vi1244	vi@gmail.com	6834563478	sies
6	Sanofar	shaikh	shaikh	shaikh	shaikh@gmail.com	4735y34654	siess
7	Yakendra	batala	yakki	yaki123	batalayakendra1@gmail.com	9167256995	Pillais Rasaini
8	Praveen	Saraogi	raviloop	raviloop	saraogipraveen@gmail.com	9820493797	SIES

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## Registered Users Report:

The screenshot shows a web application interface titled "Technovision". The URL in the address bar is "localhost:8080/register-users-details.jsp". The page has a navigation menu at the top with links for Home, About, Events, Sponsors, Contact, admin, and Logout. Below the menu, the title "Registered Users" is displayed. A button labeled "export to excel" is visible. The main content is a table with the following columns: Sr.no, username, First name, Last name, Email ID, Contact, Event name, Register Code, and College name. The table contains 8 rows of data. At the bottom of the page, there is a copyright notice: "© Technovision 2016-2017, All Rights Reserved. Designed & Developed by Praveen Saraogi".

Sr.no	username	First name	Last name	Email ID	Contact	Event name	Register Code	College name
1	saraogishubham	shubham	saraogi	saraogishubham@gmail.com	8435837957	Tech Worm	LQ1QUJ	pillai
2	saraogipriya1	Priya	saraogi	priya.saraogi36@gmail.com	7021757385	Google Doodle	ODHP2P	Pillais
3	yakki	Yakendra	batala	batalayakendra1@gmail.com	9167256995	Google Doodle	61Q6VQ	Pillais Rasaini
4	yakki	Yakendra	batala	batalayakendra1@gmail.com	9167256995	Tech Worm	A0BCS3	Pillais Rasaini
5	pandeyayush	Ayush	Pandey	getayush747@gmail.com	9004070356	Google Doodle	KMNFAE	sies
6	pandeyayush	Ayush	Pandey	getayush747@gmail.com	9004070356	Code A Thon	J021H2	sies
7	raviloop	Praveen	Saraogi	saraogipraveen@gmail.com	8286108360	Just a minute	MQRGGO	SIES
8	raviloop	Praveen	Saraogi	saraogipraveen@gmail.com	8286108360	Twister	Q54RDO	SIES

## Event Registration Report:

The screenshot shows a web application interface titled "Technovision". The URL in the address bar is "localhost:8080/EventRegReport". The page has a navigation menu at the top with links for Home, About, Events, Sponsors, Contact, admin, and Logout. A dropdown menu on the left is open, showing options: Check, Code A Thon, Google Doodle, Treasure Hunt, Just a minute, Tech Worm, Twister, Slow Roll, Blind Typing, and Logo designing. The "Google Doodle" option is selected and highlighted in blue. The main content is a table with the following columns: First name, Last name, Email ID, Contact, Register Code, and College name. The table contains 3 rows of data. At the bottom of the page, there is a copyright notice: "© Technovision 2016-2017, All Rights Reserved. Designed & Developed by Praveen Saraogi".

Check	First name	Last name	Email ID	Contact	Register Code	College name
Google Doodle	Priya	saraogi	priya.saraogi36@gmail.com	7021757385	ODHP2P	Pillais
yakki	Yakendra	batala	batalayakendra1@gmail.com	9167256995	61Q6VQ	Pillais Rasaini
pandeyayush	Ayush	Pandey	getayush747@gmail.com	9004070356	KMNFAE	sies

## Feedbacks Report:

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/feedbacks.jsp". The page has a dark background with yellow highlights. At the top, there is a navigation bar with links: Home, About, Events, Sponsors, Contact, admin, and Logout. Below the navigation bar is a large yellow header with the word "FEEDBACKS" in bold black letters. Underneath the header is a table with a yellow header row and three data rows. The table columns are: First name, Last name, Email, Subject, and Action. The data rows contain the following information:

First name	Last name	Email	Subject	Action
Praveen	Saraogi	saraogipraveen@gmail.com	Amazing Experience	<a href="#">View Message</a>
Ayush	Pandey	getayush747@gmail.com	Wanted to know about code a thon event	<a href="#">View Message</a>
Yakendra	batalayakendra1@gmail.com		Very Excited for this festival	<a href="#">View Message</a>

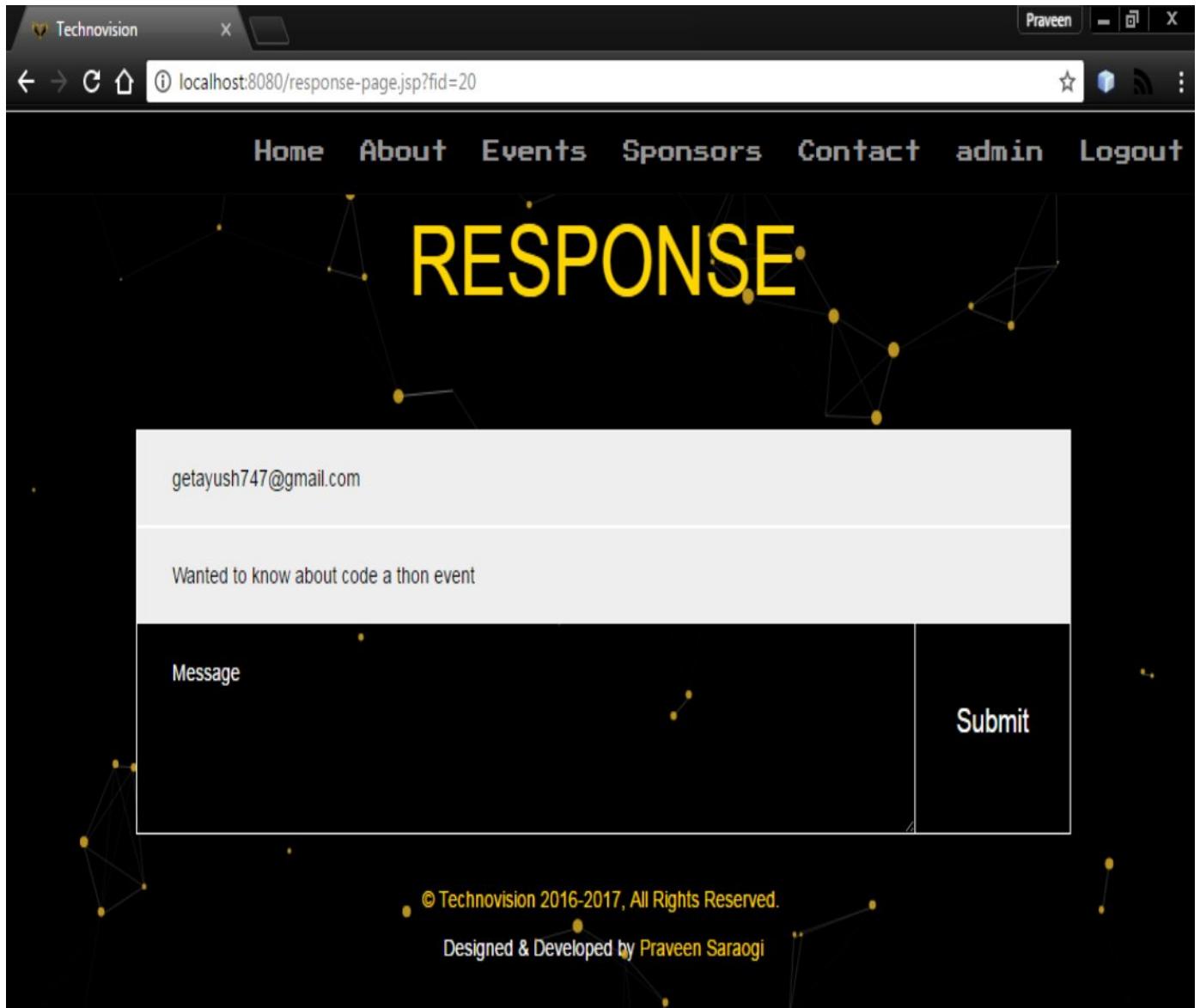
At the bottom of the page, there is a copyright notice: "© Technovision 2016-2017, All Rights Reserved." and "Designed & Developed by Praveen Saraogi".

The screenshot shows a web browser window titled "Technovision" with the URL "localhost:8080/feedback-page.jsp?id=20". The page has a dark background with yellow highlights. At the top, there is a navigation bar with links: Home, About, Events, Sponsors, Contact, admin, and Logout. Below the navigation bar is a large yellow header with the word "MESSAGE" in bold black letters. In the center of the page is a large white rectangular box containing a message from a user named Ayush:

Hey, this is ayush, i'm quite interested  
in your event code a thon. i just  
wanted to know about the rules you  
people gonna keep. looking forward  
for your response. thank you

Below the message box are two buttons: "Respond" (orange) and "back" (white). At the bottom of the page, there is a copyright notice: "© Technovision 2016-2017, All Rights Reserved." and "Designed & Developed by Praveen Saraogi".

## Feedback Response Page:



## Sponsors Report:

Technovision | Praveen | X | localhost:8080/sponsors-details.jsp | Home | About | Events | Sponsors | Contact | admin | Logout

### SPONSORS

Sr.no	sponsor ID	Sponsor name	Email ID	Contact	Image	Status	Action
1	4	National Aeronautics and Space Administration	nasa@gmail.com	9898989898		true	Added
2	5	Bank of America	boa@gmail.com	5734565787		true	Added
3	6	Fried Egg	fe@gmail.com	545634856566		true	Added
4	7	CocaCola	cc@gmail.com	5465634566		true	Added
5	8	Pepsi	pepsi@gmail.com	7859346563		true	Added

Technovision | Praveen | X | localhost:8080/sponsors-details.jsp | Home | About | Events | Sponsors | Contact | admin | Logout

Sr.no	sponsor ID	Sponsor name	Email ID	Contact	Image	Status	Action
3	6	Fried Egg	fe@gmail.com	545634856566		true	Added
4	7	CocaCola	cc@gmail.com	5465634566		true	Added
5	8	Pepsi	pepsi@gmail.com	7859346563		true	Added
6	10	RED BULL	redbull@gmail.com	5435783456		false	Add Again
7	11	VIVO smartphone	vivo@gmail.com	9259595952		false	Add Again

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localhost:8080/AddSponsorAgain?sid=10

## **PROGRAM LIST:**

<b>Form Name</b>	<b>Description</b>
1. index.jsp	This is the home page of the web site
2. about.jsp	This page describes about the web site.
3. events.jsp	This page displays all the events organized by technovision
4. event-page.jsp	This page describes particular event
5. sponsors.jsp	This page contains the details of all the sponsors of technovision
6. contact.jsp	This is the feedback form for all visitors of the website
7. login.jsp	This form is for the users to login to the site
8. register.jsp	This form is for users to register
9. user-about.jsp	This is the form for the user to view and update their profile.
10. change-password.jsp	This is the form to change the current password
11. user-event-registration.jsp	This page shows the events registered by users.
12. forgot-password.jsp	This form is used by the users when they forget their password
13. admin-home.jsp	This is the homepage of admin visible after successful login
14. add-event.jsp	This form is for admin to add new events.
15. modify-event.jsp	This is the page used by admin to select which event to modify
16. modify-page.jsp	This is the form used by admin to modify the particular event
17. delete-event.jsp	This is the page used by admin to select which event to delete

18. delete-page.jsp	This is page for admin to confirm whether to delete the event or not
19. sponsor-form.jsp	This form is used by the admin to add sponsors
20. delete-sponsor.jsp	This is the page used by admin to delete the sponsors
21. reports.jsp	This page enables the admin to view reports.
22. response-page.jsp	This is the form used by admin to respond to the feedbacks given by the visitors and users.

## REPORTS LIST:

1. user-details-report.jsp	Report to view the users registered with the website
2. register-users-details	Report to view all the users who have registered in one or the other events
3. event-registration.jsp	Report to generate the registrations received on each event.
4. sponsors-details.jsp	Report to view all the sponsors of the technovision festival
5. feedbacks.jsp	Report to view all the feedbacks given by the users and visitors

## **SYSTEM IMPLEMENTATIONS/ UPLOADING**

Once the user has completed with the coding the application, and tested on multiple machines, it is ready to be deployed.

The implementation process contains software preparation and transition activities, such as the conception and creation of the maintenance preparation for handling problems.

In order to deploy any application, it was first hosted on IIS server and tested on different browsers.

## **FUTURE ENHANCEMENTS**

However perfect a website may seem to be, there is always scope for improvement. This TECHNOVISION website is no exception. Some aspects were not considered and some new can be added in the system to cater changing user requirements.

The following are the possible enhancement to the current website.

1. New Modules can be added to make website more flexible.
2. Online transactions can also be added where in users can make payments without actually meeting physically.
3. Adding an extra module of event heads to let them interact with the admin while adding, making changes to their particular event.
4. The system can be made web enable to facilitate some of the transaction between organizer and the participant.
5. Through future needs can't be predicted, they will be added and improved over the course of time.

## **REFERENCES & BIBLIOGRAPHY:**

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### **Reference Websites :**

- <https://www.google.co.in/>
- <https://www.w3schools.com/>
- <http://www.javatpoint.com/>
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