FusionXperience
Second year Mini Project Report

Submitted in partial fulfillment of the requirements of the degree

BACHELOR OF ENGINEERING IN COMPUTER ENGINEERING

By

Gopal Vanjarani / 66

Gaurav Mahadeshwar / 43

Ved Shirur / 60

Aditya Joshi / 34

Supervisor

Prof. Veena Trivedi

Department of Computer Engineering

Vivekanand Education Society's Institute of Technology

HAMC, Collector's Colony, Chembur,

Mumbai-400074

Autonomous Institute affiliated to University of Mumbai

(AY 2023-24)

CERTIFICATE

This is to certify that the Mini Project entitled **" FusionXperience "** is a bonafide work of **Gopal Vanjarani (66), Gaurav Mahadeshwar (43), Ved Shirur (60), Aditya Joshi (34)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of **"Bachelor of Engineering"** in **"Computer Engineering" .**

(Prof. Veena Trivedi)
Supervisor

(Prof._____)
Head of Department

(Prof._____)
Principal

Mini Project Approval

This Mini Project entitled " Fusion Xperience **"** by **Gopal Vanjarani(66), Gaurav Mahadeshwar (43), Ved Shirur(60), Aditya Joshi (34)** is approved for the degree of **Bachelor of Engineering** in **Computer Engineering.**

Examiners

1……
(Internal Examiner Name & Sign)

2……
(External Examiner name & Sign)

Date:

Place:

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1.1 Introduction -

Events play an important role in our society. Any happening or an activity can be referred to as an event. Individuals often find they lack the expertise and time to plan events themselves. Event management is the strategic planning, organization, and execution of various types of events, ranging from small-scale gatherings to large-scale conferences, exhibitions, parties, weddings, festivals, corporate meetings, and more. It involves a comprehensive approach to ensure that every aspect of an event, from conceptualization to post-event analysis, is meticulously planned and executed to create memorable and successful experiences for attendees. Lots of factors need to be considered while making each decision. Also, once the party is planned, A lot of on the day issues such as maintaining low noise levels after a particular time, or neighbors complaining about the noise levels etc take the fun out of the party/event. To manage such issues, we require an easy-to-use website that will help in effectively tracking such problems. In this research work, we are going to make use of a website through which event management is made feasible with the help of a fully automatic system.

1.2 Motivation -

The motivation for this project is to help people and businesses who like to cater for events on a huge scale with minimum human effort and maximum profit. Some event management businesses are having difficulties in coordinating with the whole system to which an event creates, so thus to reduce the hassle we are trying to create a website which integrates the system so that working for the businesses as well the consumers is easy.

1.3 Problem Statement -

Every Organization, whether big or small, has challenges to overcome and manage every event. Despite the growing demand for well-organized and memorable events, the event management industry faces challenges in ensuring consistent quality, efficient coordination, and seamless execution.

1.4 Organization of the Report -

The introduction sets the stage for the report, beginning with a general overview (1.1 Introduction) of the topic. Motivation (1.2) elucidates the reasons driving the research or project, followed by the Problem Statement & Objectives (1.3) that delineate the issue at hand and the intended goals. The organization of the report (1.4) is outlined, providing readers with a roadmap of what to expect.

The Literature Survey exposes the existing knowledge. It commences with a Survey of Existing System (2.1), presenting an overview of the current state of the subject. Limitations of the existing system or research gaps (2.2) are discussed, identifying areas where improvements or advancements are needed. The section also highlights the Mini Project Contribution (2.3), explaining how the present project aims to fill the identified gaps.

The Proposed System introduces the approach or system. Beginning with an Introduction (3.1), it provides a comprehensive overview. Architecture/Framework (3.2) offers insights into the

structure and framework of the proposed system, while Algorithm and Process Design (3.3) explain the methodologies employed. Details of Hardware & Software (3.4) shed light on the technological aspects. and Conclusion and Future Work (3.5) summarize the outcomes and suggest future research directions. Lastly, the References section is a compilation of all the sources referenced throughout the report, allowing readers to explore the cited works in depth.

Literature Survey :

2.1 Survey of existing system :

Title	Abstract	Year / Journal	Reference Link
Study of Event Management Application	The aim of this paper is to discuss the services that will provide quality in processes of event management. The proposed system aims to use android application to effectively manage all the phases of event management process and provide user the ability to customize quality of event according to his/her taste or needs.	2017, International Journal of Innovative Science and Research Technology	https://ijisrt.com/wp-content/uploads/2017/04/Study-on-Event-Management-Applications.pdf

Title	Abstract	Year / Journal	Reference Link
Review paper on an Event Management System	Online event management system is a web application project that serves the functionality of an event manager. The system allows registered user login and new users are allowed to register on the application. The system helps in the management of events, users and the aspects related to them. The project provides most of the basic functionality as well as recommendations regarding various aspects of event.	2017, International journal of Computer Science and Mobile Computing	https://ijcsmc.com/docs/papers/July2017/V6I7201711.pdf

Title	Abstract	Year / Journal	Reference Link

Project report and research on online event management system	This project is an Event management portal that is implemented on a website. This project gives feature of remotely creating, removing, information retrieval, allotting task to different participants, etc. in an event. This project is capable of providing all the important access to the admin and all the people related to a particular event. It gives Event Manager access to see participants and guest list.	2021, Turkish journal of Computer and Mathematics Education	https://turcomat.org/index.php/turkbilmat/article/download/9344/7199/16666

Title	Abstract	Year / Journal	Reference Link
Event Management System	This system is an online software that serves the functionality of an event manager. The system allows registered user login and new users are allowed to register on the application. The system helps in the management of events, users and the aspects related to them. This is proposed to be a web application. User needs to Login at the initial phase, set his/her profile details including location, choices, email-id, etc.	2021, International Journal of Advance research and Innovative Ideas in Education	http://ijariie.com/AdminUploadPdf/EVENT_MANAGEMENT_SYSTEM_ijariie13806.pdf

2.2 Limitation Existing system or research gap :

- Limited Customization :

Many off-the-shelf event management systems may have limited customization options. This can restrict your ability to tailor the system to meet the specific needs.

- User Interface (UI) Complexity :

  A complex or intuitive user interface can lead to user frustration and decreased productivity. It's essential to identify any shortcomings in the user experience and suggest improvements.

- Lack of Mobile Responsiveness :

  In today's mobile-centric world, having a system that is not mobile-responsive can be a significant drawback. Users should be able to access and manage events on various devices seamlessly.

- Cost and Licensing :

  Some systems come with high upfront costs or ongoing licensing fees. This can be a limitation, especially for small businesses or organizations with budget constraints

2.3 Mini project Contribution:

FusionXperience is a platform that addresses the limitations of the current existing system and provides a solution over these limitations.

- Reduced Human efforts :

  The system requires less human effort that the existing system needs.

- User friendly environment :

  The system provides a user-friendly interface to create and is easy to use.

- Mobile responsive :

  The webpage is mobile responsive as well, which gives the user access to the system regardless of their device's screen size or orientation. This ensures a seamless and user-friendly experience across various platforms, including smartphones and tablets.

- Scalability and Performance :

  The project enables the existing system to handle larger workloads, deliver faster responses, and accommodate growing user demands more effectively.

- Technological Advancement :

  The project promotes technological advancement, and keeps the existing system aligned with the latest industry trends and best practices.

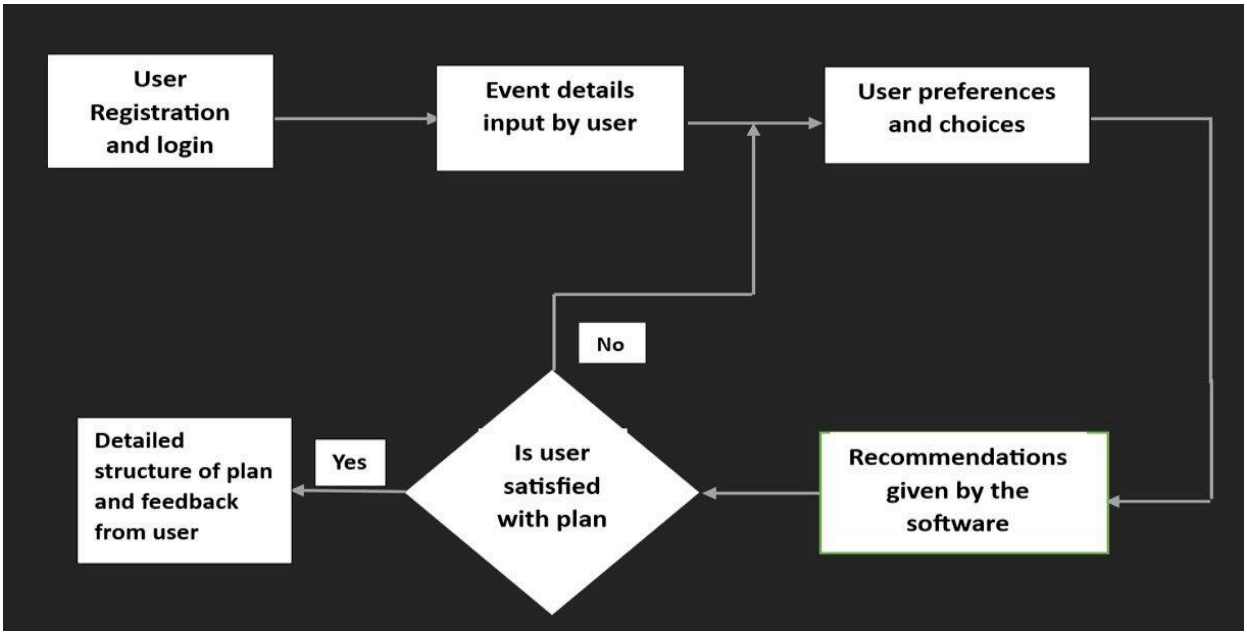
Proposed system :

3.1 Introduction -

Event management is the strategic planning, organization, and execution of various types of events, ranging from small-scale gatherings to large-scale conferences. It involves a comprehensive approach to ensure that every aspect of an event, from conceptualization to post-event analysis, is meticulously planned and executed to create memorable and successful

experiences for attendees. In this research work, We are going to make use of a website through which the event management is made feasible with the help of a fully automatic system.
We will design an exclusive Event Management System. This is designed to assist in strategic planning and it will help to ensure that your organization is equipped with the right level of information and details of your future goals. Also for those busy executives who are always on the go, Our system comes with remote access features, which will allow you to manage your workforce anytime. These systems will ultimately allow you to better manage resources and events.
User Registration and Authentication : Users should be able to register and log in securely. Authentication mechanisms like email verification and password reset should be in place.
Event Creation : Users should be able to create new events. This includes providing event details such as name, date, time, location, and event description.
User Profiles : Users and organizers should have profiles where they can manage their personal information, past event attendance, and event creation.
Feedback Loop : Continuously gather user feedback to make improvements and add new features to enhance the event management experience.

3.2 Architecture/ Framework (Block diagram) -



3.3 Algorithm and Process Design -

User Interaction :

- User Input Gathering - The user interacts with the website by providing inputs such as event type, date, budget, location, and preferences.
- Preference Analysis - The system analyzes the user's inputs, preferences, and constraints to understand the user's event requirements and expectations.
- User authentication and management - User authentication for identifying verified users.
- Recommendation Generation - Based on the analysis, the system presents the user with options and recommendations for venues, catering, decorations, entertainment, and

other event elements.

- User Feedback Loop - The user reviews the recommendations and provides feedback, allowing the system to refine its suggestions iteratively.
- Final Plan Presentation - After multiple iterations, the system generates a detailed event plan, including vendor selections, timelines, and cost estimates, which it presents to the user.
- Create a plan using AI - The feature allows users to generate a plan using gemini AI.
- Generate plan pdf and receive it via mail - This allows the user to send or download the plan pdf via email.

Backend Operations :

- Data Management - The system manages the data of event-related information, including venues, vendors, pricing, and user profiles.
- Algorithm Execution - Upon receiving user inputs, the system executes that weighs user preferences, budget constraints, and available options.
- Cost Estimation - The system calculates the estimated cost for the event, taking into account vendor quotes, service fees, and other expenses.
- Feedback Analysis - User feedback is collected and analyzed to continuously improve the recommendation engine and vendor selection process.

3.4 Details of Hardware & Software -

- Hardware tools :

  A computer with 4gb RAM and 256GB memory and stable internet connection.

- Design and prototype :

  Canva / figma - For logo designing / For making prototype and design of our product.

- IDE :

  We used VSCode to craft and refine the projects codebase.

- Frontend Technology :

  Wordpress, php, streamlit (python library).

- Backend :

  Sql database, Python scripting, gemini AI.

- Version Control :

  Github – For version control as well as collaboration.

3.5 Conclusion and Future work -

The FusionXperience webpage is an innovative solution to reduce human efforts and time required to manage an event for an individual. As of now, the project is at its initial stages, but it has a potential to be useful and worth the time given to help the event organizers. but we seek to make some improvements in it such as,

1. More events: The website currently works for birthdays. Our next aim is to include more events possible to manage.

2. Improved scalability.
3. Improved user experience.

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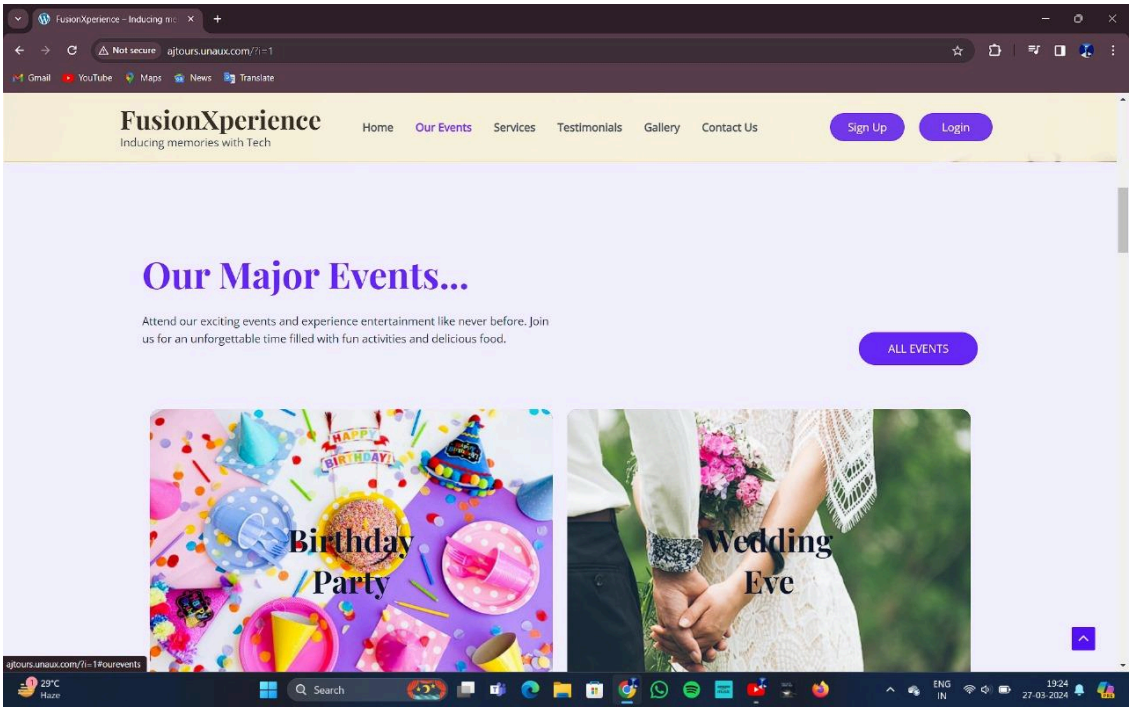
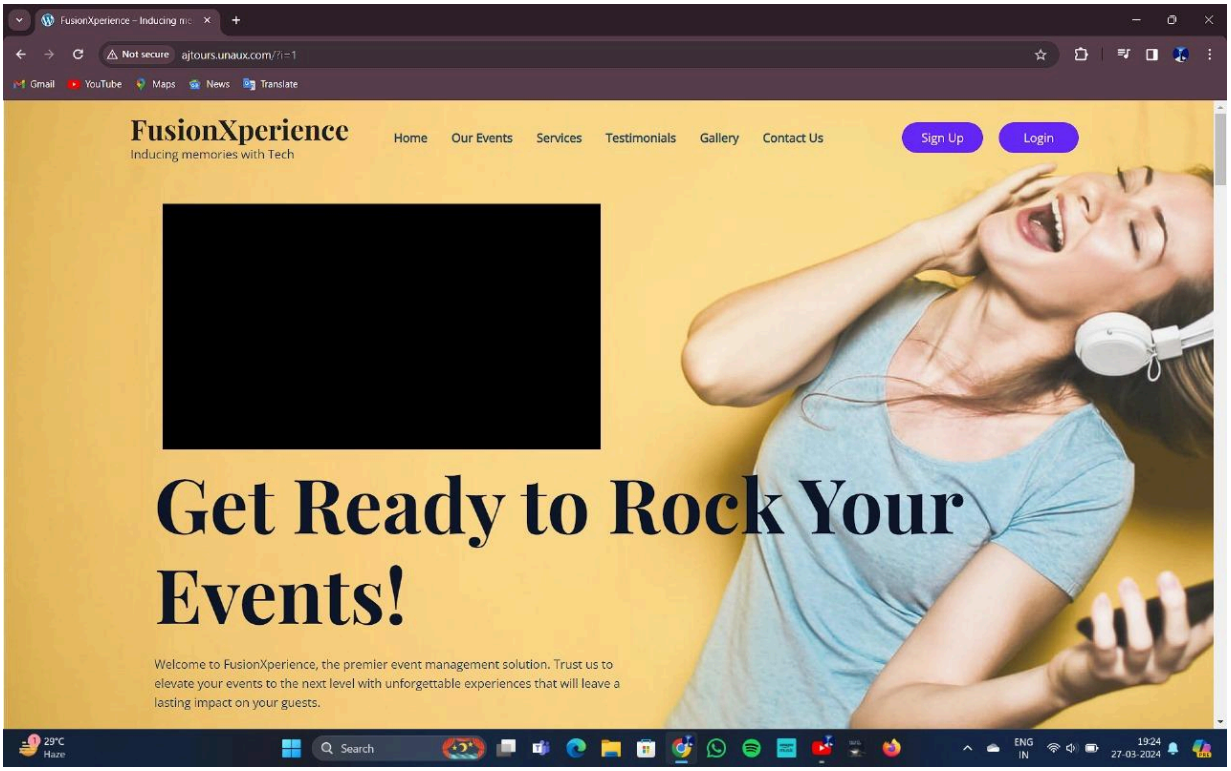
7.Theocharis, 2008, Special event management and event marketing: A case study of TKBL All Star 2011 in Turkey.

8.H. Sharma[2007-17] Event Education [Online]. Available:http://www.eventeducation.com.

Screenshots of the Implementation :

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Get Ready to Rock Your Events!
Welcome to FusionXperience, the premier event management solution. Trust us to elevate your events to the next level with unforgettable experiences that will leave a lasting impact on your guests.
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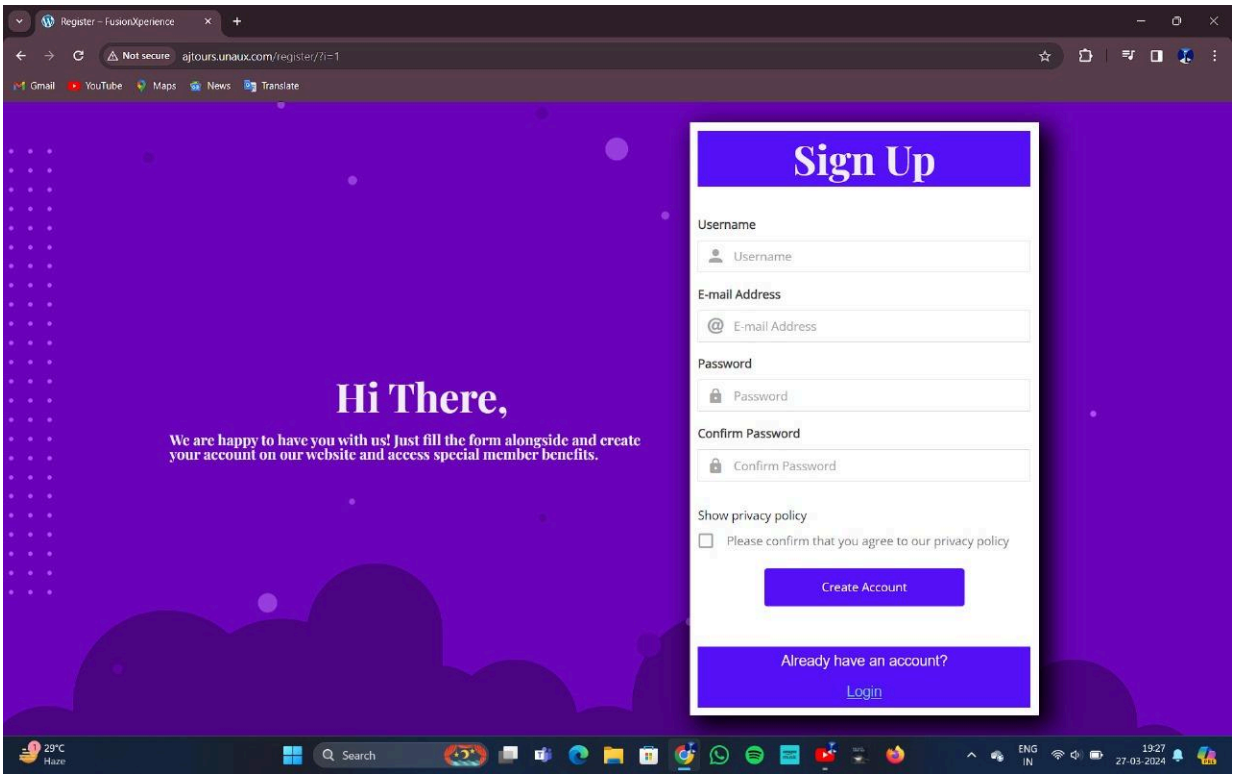
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Hi There,
We are happy to have you with us! Just fill the form alongside and create your account on our website and access special member benefits.
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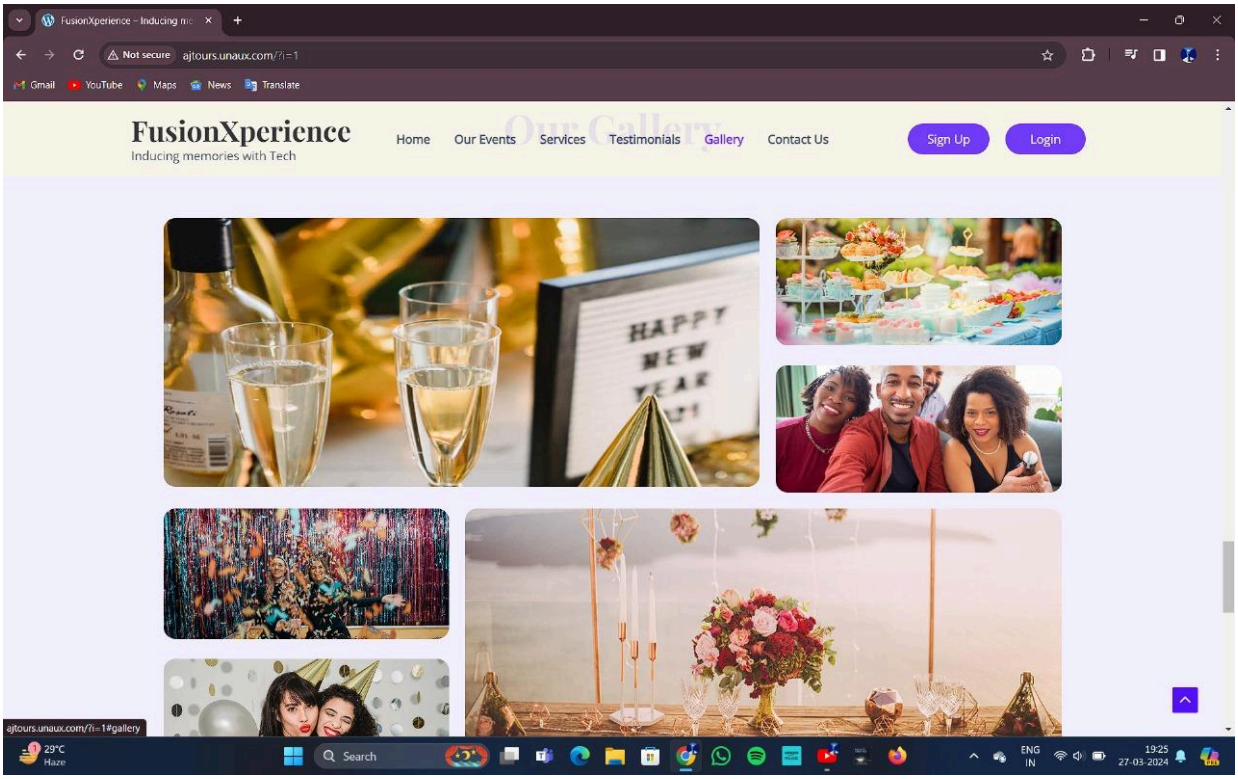
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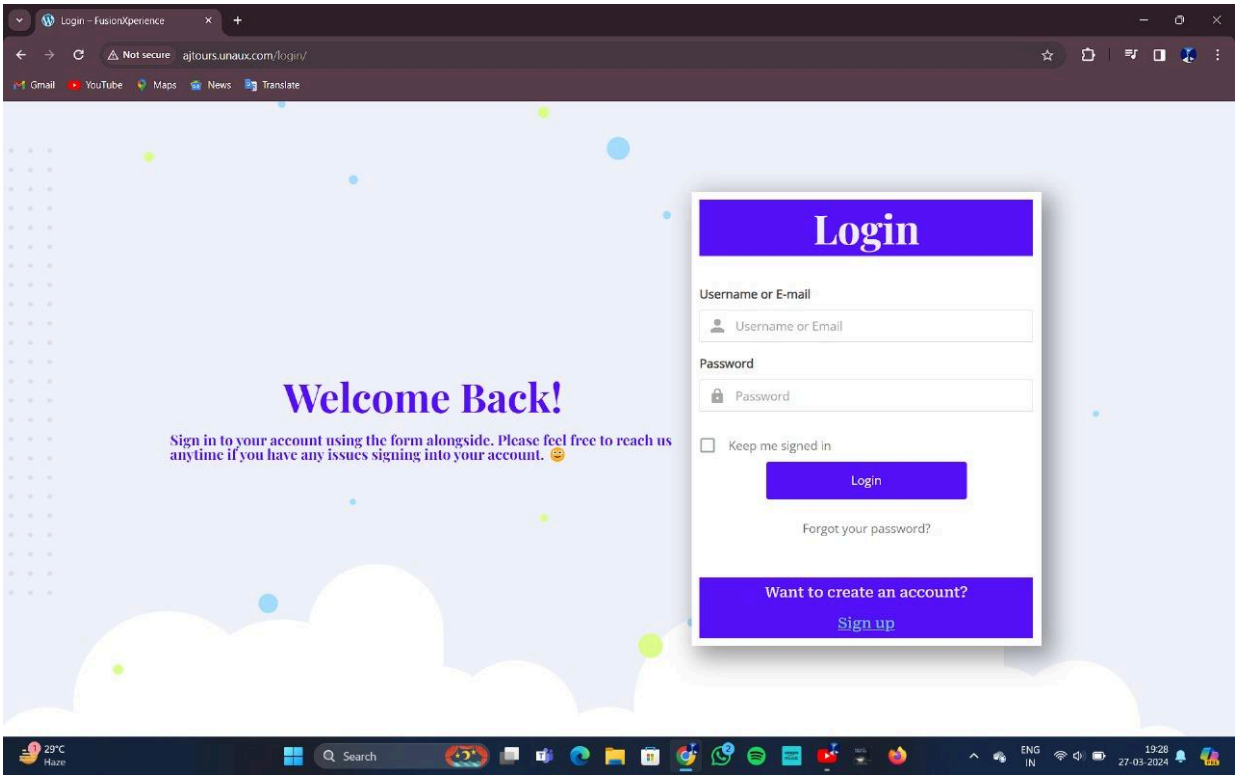
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Welcome Back!
Sign in to your account using the form alongside. Please feel free to reach us anytime if you have any issues signing into your account.
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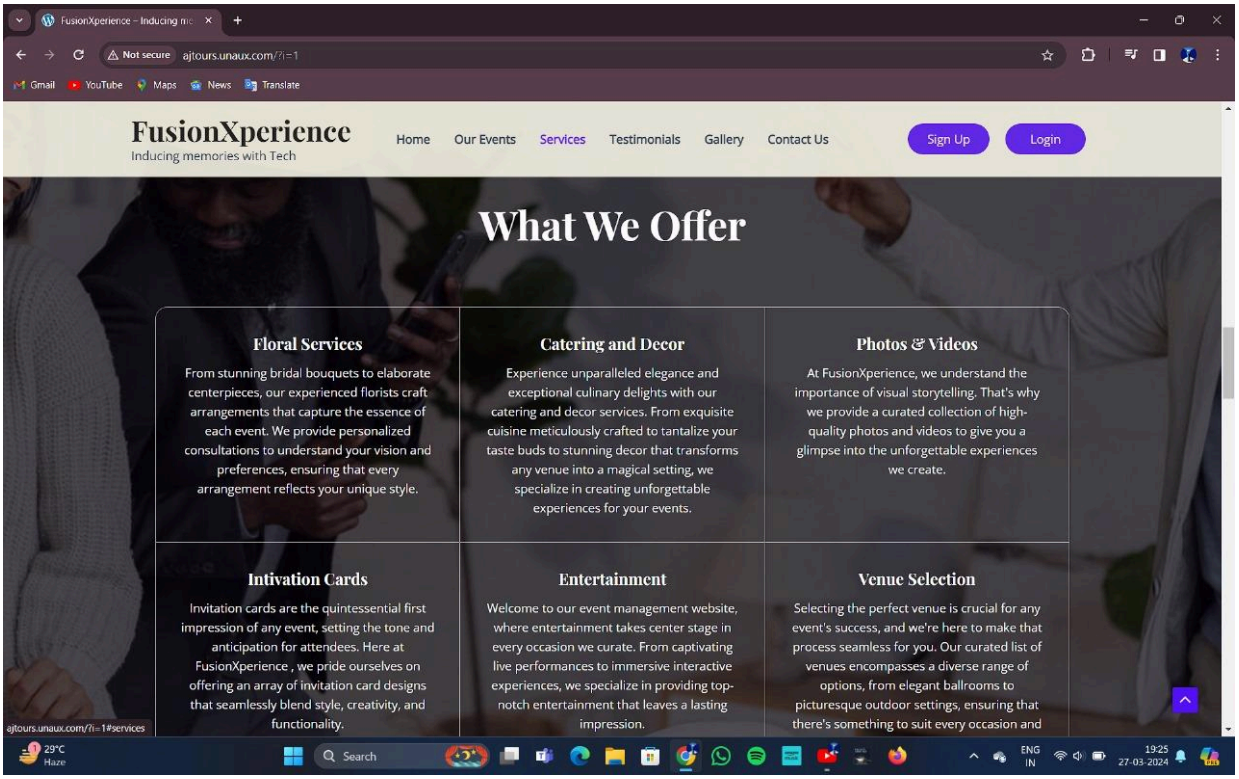
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Inducing memories with Tech
Home
Our Events
Services
Testimonials
Gallery
Contact Us
Sign Up
Login
What We Offer
Floral Services
From stunning bridal bouquets to elaborate centerpieces, our experienced florists craft arrangements that capture the essence of each event. We provide personalized consultations to understand your vision and preferences, ensuring that every arrangement reflects your unique style.
Catering and Decor
Experience unparalleled elegance and exceptional culinary delights with our catering and decor services. From exquisite cuisine meticulously crafted to tantalize your taste buds to stunning decor that transforms any venue into a magical setting, we specialize in creating unforgettable experiences for your events.
Photos & Videos
At FusionXperience, we understand the importance of visual storytelling. That's why we provide a curated collection of high-quality photos and videos to give you a glimpse into the unforgettable experiences we create.
Intivation Cards
Invitation cards are the quintessential first impression of any event, setting the tone and anticipation for attendees. Here at FusionXperience , we pride ourselves on offering an array of invitation card designs that seamlessly blend style, creativity, and functionality.
Entertainment
Welcome to our event management website, where entertainment takes center stage in every occasion we curate. From captivating live performances to immersive interactive experiences, we specialize in providing top-notch entertainment that leaves a lasting impression.
Venue Selection
Selecting the perfect venue is crucial for any event's success, and we're here to make that process seamless for you. Our curated list of venues encompasses a diverse range of options, from elegant ballrooms to picturesque outdoor settings, ensuring that there's something to suit every occasion and
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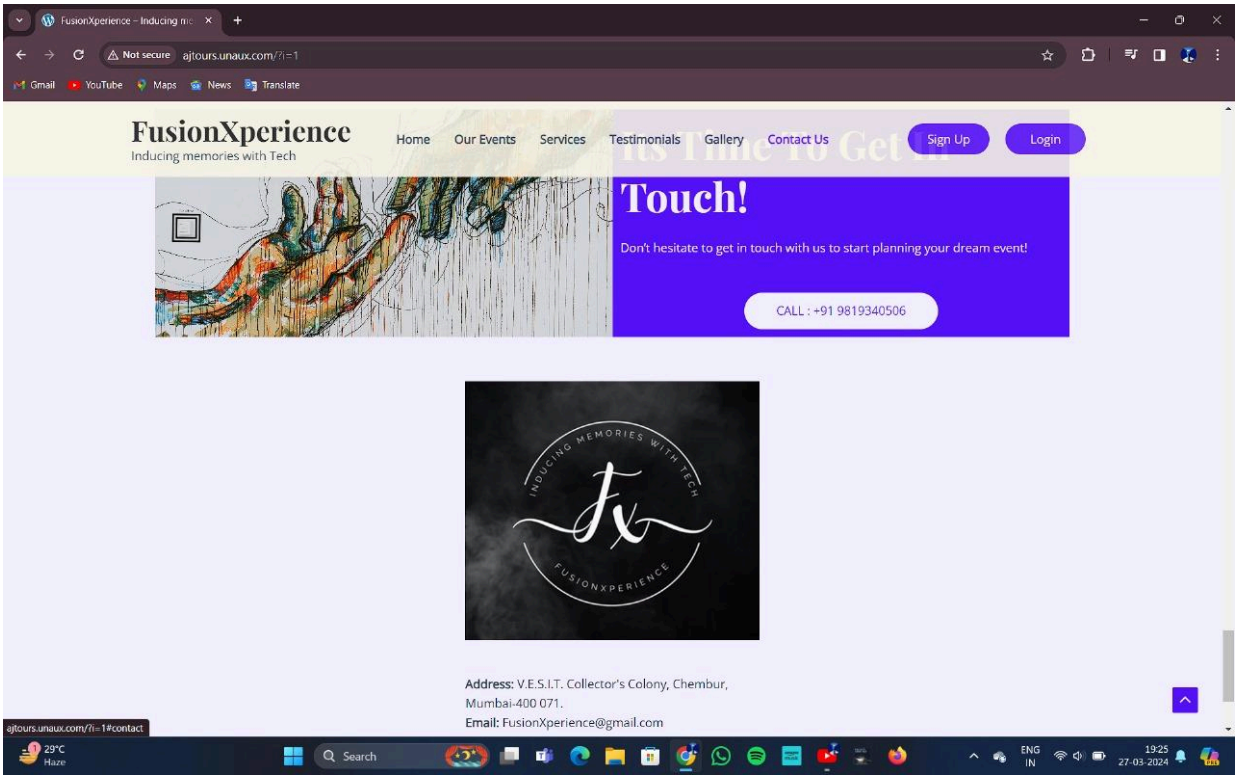
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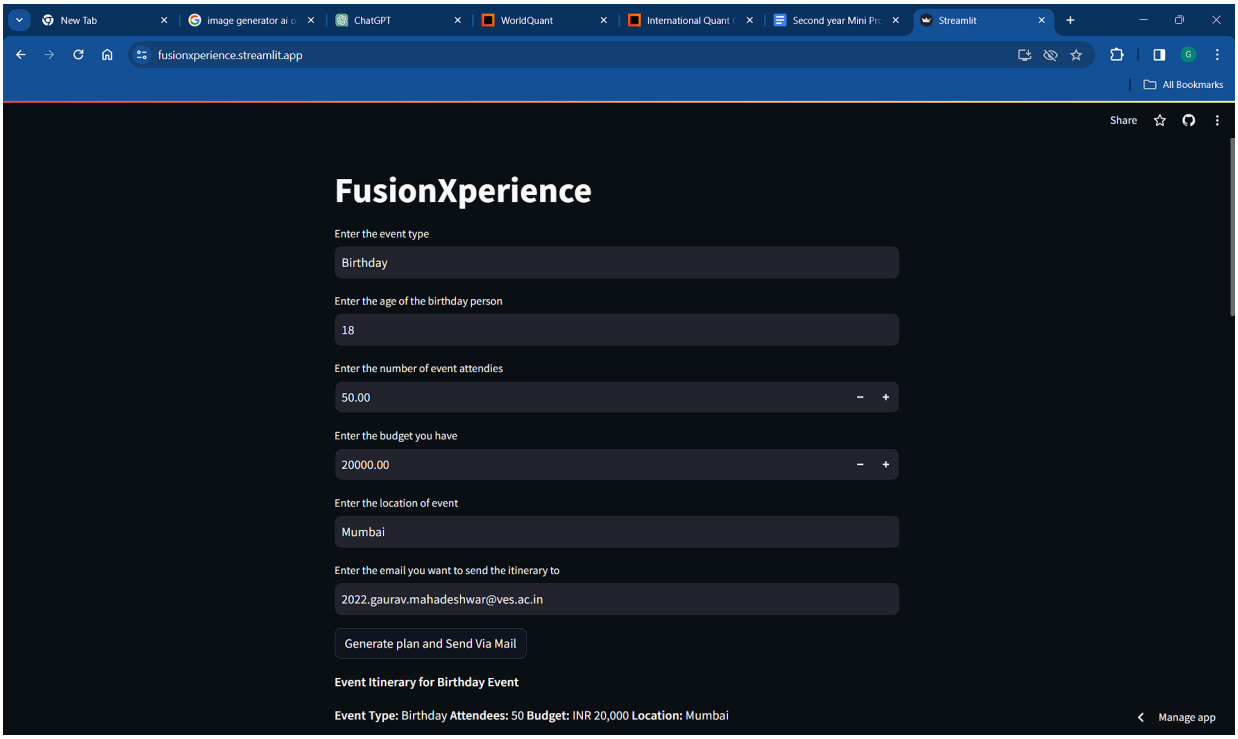
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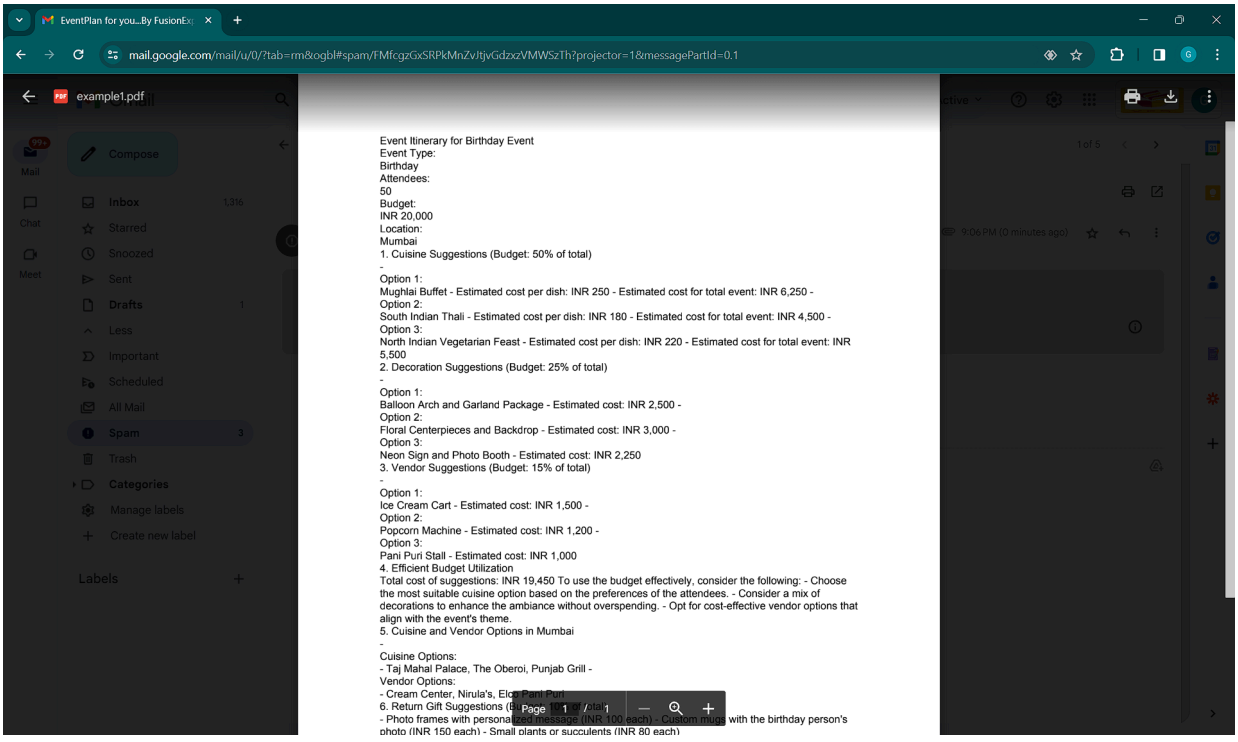
18
Enter the number of event attendies
50.00
Enter the budget you have
20000.00
Enter the location of event
Mumbai
Enter the email you want to send the itinerary to
2022.gaurav.mahadeshwar@ves.ac.in
Generate plan and Send Via Mail
Event Itinerary for Birthday Event
Event Type: Birthday Attendees: 50 Budget: INR 20,000 Location: Mumbai
Manage app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Sent
Drafts
Less
Important
Scheduled
All Mail
Spam
Trash
Categories
Manage labels
Create new label
Labels
Event Itinerary for Birthday Event
Event Type:
Birthday
Attendees:
50
Budget:
INR 20,000
Location:
Mumbai
1. Cuisine Suggestions (Budget: 50% of total)
-
Option 1:
Mughlai Buffet - Estimated cost per dish: INR 250 - Estimated cost for total event: INR 6,250 -
Option 2:
South Indian Thali - Estimated cost per dish: INR 180 - Estimated cost for total event: INR 4,500 -
Option 3:
North Indian Vegetarian Feast - Estimated cost per dish: INR 220 - Estimated cost for total event: INR 5,500
2. Decoration Suggestions (Budget: 25% of total)
-
Option 1:
Balloon Arch and Garland Package - Estimated cost: INR 2,500 -
Option 2:
Floral Centerpieces and Backdrop - Estimated cost: INR 3,000 -
Option 3:
Neon Sign and Photo Booth - Estimated cost: INR 2,250
3. Vendor Suggestions (Budget: 15% of total)
-
Option 1:
Ice Cream Cart - Estimated cost: INR 1,500 -
Option 2:
Popcorn Machine - Estimated cost: INR 1,200 -
Option 3:
Pani Puri Stall - Estimated cost: INR 1,000
4. Efficient Budget Utilization
Total cost of suggestions: INR 19,450 To use the budget effectively, consider the following: - Choose the most suitable cuisine option based on the preferences of the attendees. - Consider a mix of decorations to enhance the ambiance without overspending. - Opt for cost-effective vendor options that align with the event's theme.
5. Cuisine and Vendor Options in Mumbai
-
Cuisine Options:
- Taj Mahal Palace, The Oberoi, Punjab Grill -
Vendor Options:
- Cream Center, Nirula's, Elco Pani Puri
6. Return Gift Suggestions
- Photo frames with personalized messages (INR 100 each) - Custom mugs with the birthday person's photo (INR 150 each) - Small plants or succulents (INR 80 each)
Page 1 / 1

EventPlan for you...By FusionExperience... External Inbox ×

legionofcode11@gmail.com
to me

Event Plan for you....By Us...

One attachment • Scanned by Gmail

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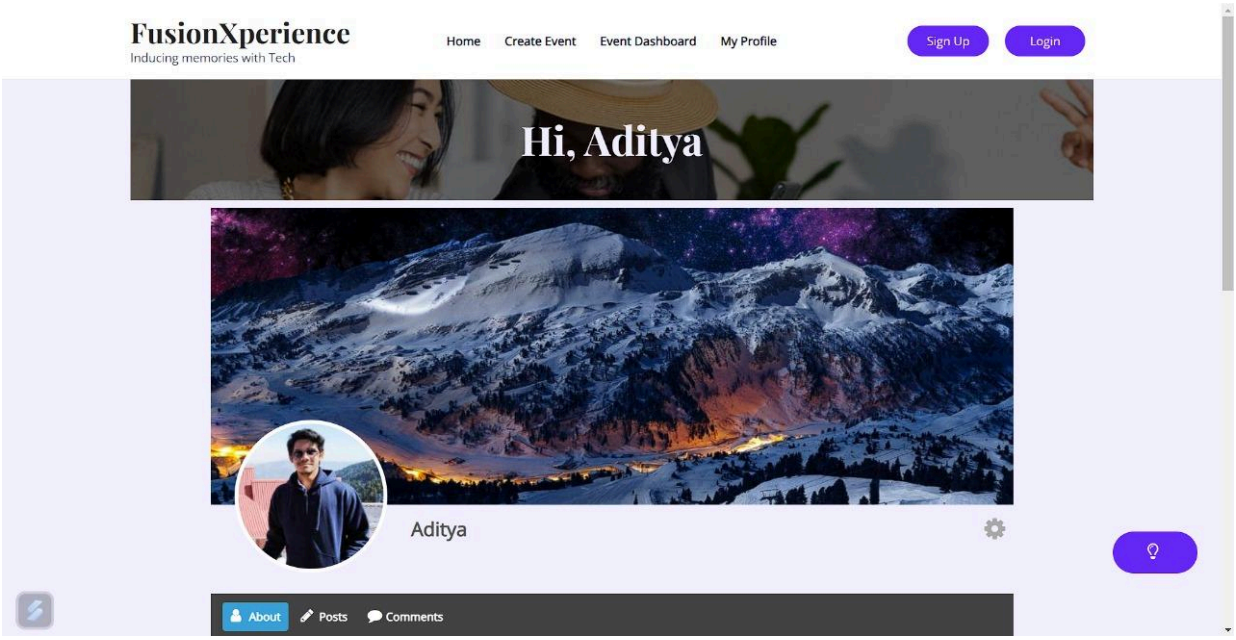
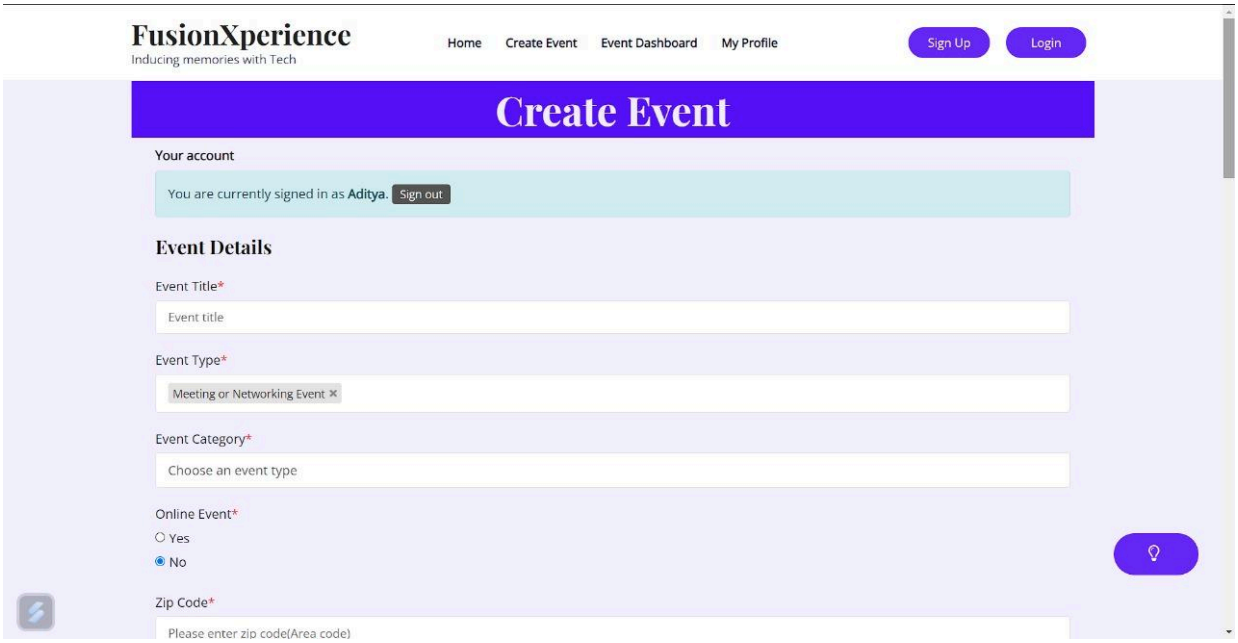
Reply Forward

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Inducing memories with Tech
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Meeting or Networking Event
Event Category*
Choose an event type
Online Event*
Yes
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Zip Code*
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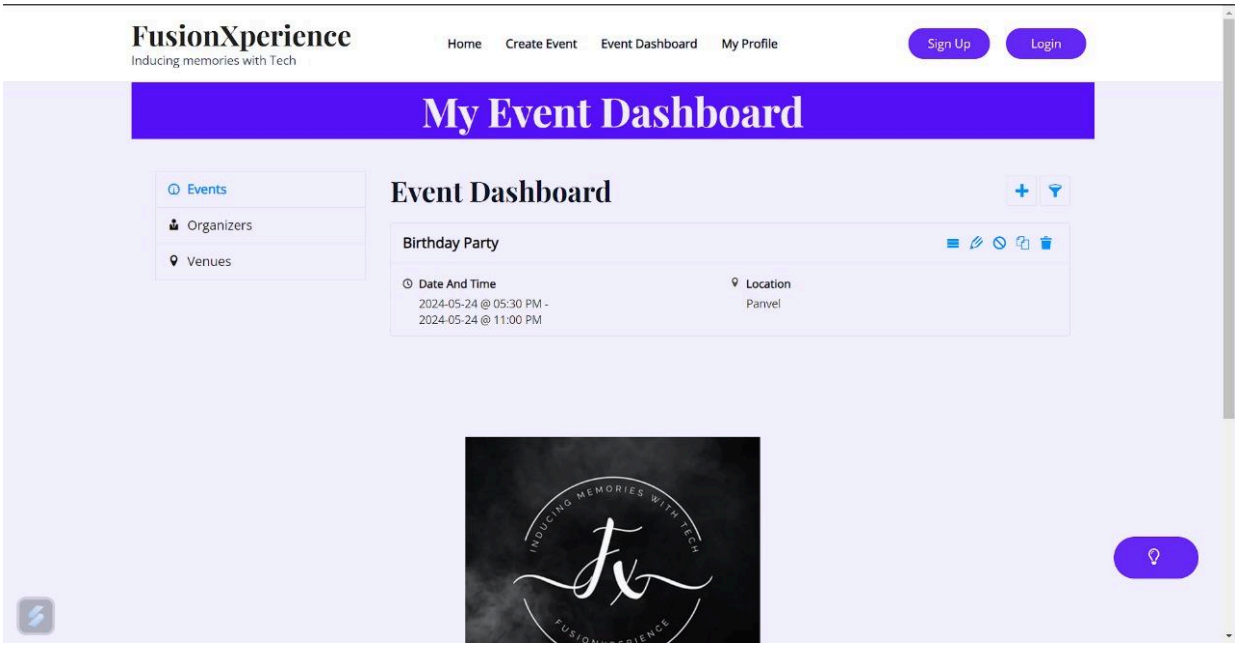
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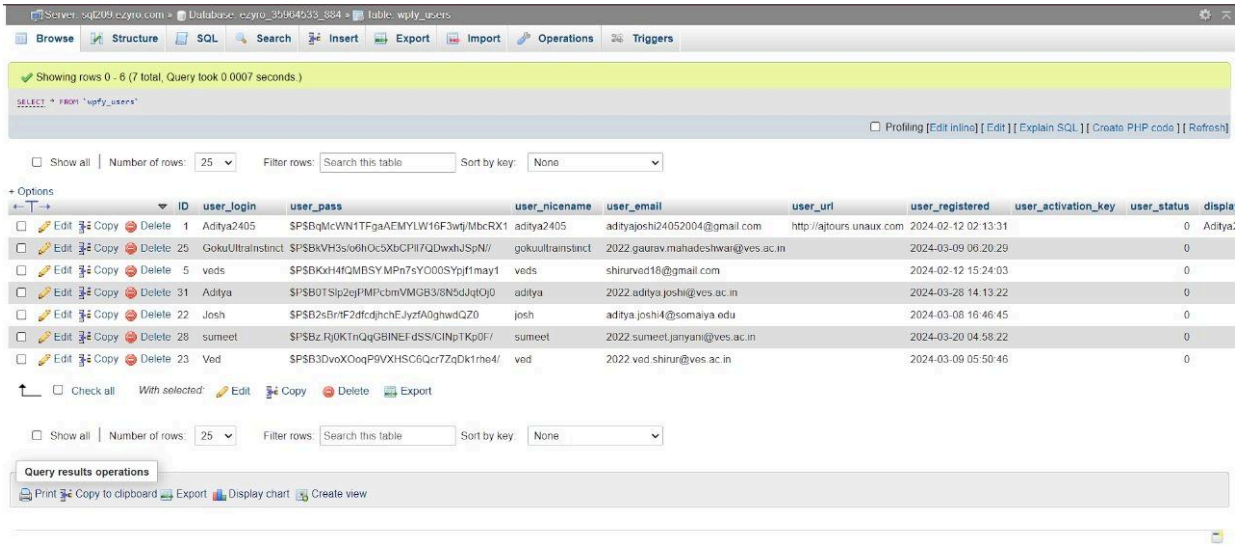
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Browse
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Export
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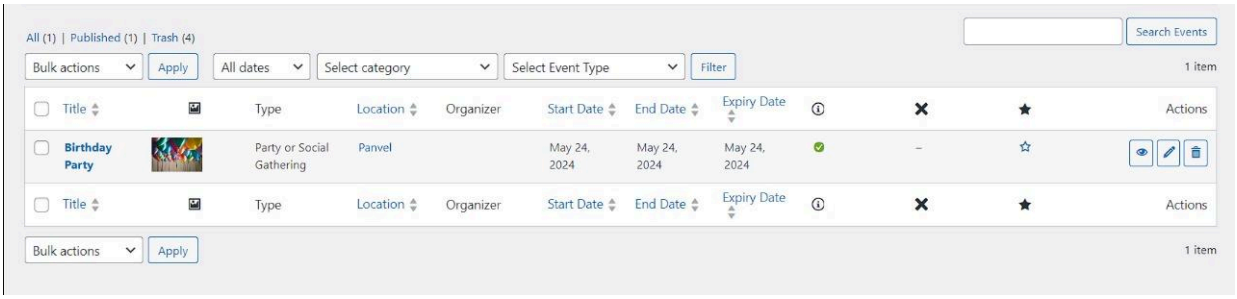
Showing rows 0 - 6 (7 total, Query took 0.0007 seconds.)
SELECT * FROM `wpfy_users`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
+ Options
ID user_login user_pass user_nicename user_email user_url user_registered user_activation_key user_status
1 Aditya2405 PBqMcWN1TFgaAEMYLW16F3wtj/MbcRX1 aditya2405 adityajoshi24052004@gmail.com http://ajtours.unaux.com 2024-02-12 02:13:31 0
25 GokuUltraInstinct PBkVH3s/o6hOc5XbCPII7QDwxhJSpN// gokuultrainstinct 2022.gaurav.mahadeshwar@ves.ac.in 2024-03-09 06:20:29 0
5 veds PBKxH4fQMBSY.MPn7sYO00SYpjf1may1 veds shirurved18@gmail.com 2024-02-12 15:24:03 0
31 Aditya PB0TSlp2ejPMPcbmVMGB3/8N5dJqtOj0 aditya 2022.aditya.joshi@ves.ac.in 2024-03-28 14:13:22 0
22 Josh PB2sBr/tF2dfcdjhchEJyzfA0ghwdQZ0 josh aditya.joshi4@somaiya.edu 2024-03-08 16:46:45 0
28 sumeet PBz.Rj0KTnQqGBINEFdSS/CINpTKp0F/ sumeet 2022.sumeet.janyani@ves.ac.in 2024-03-20 04:58:22 0
23 Ved PB3DvoXOoqP9VXHSC6Qcr7ZqDk1rhe4/ ved 2022.ved.shirur@ves.ac.in 2024-03-09 05:50:46 0
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Query results operations
Print Copy to clipboard Export Display chart Create view


All (1) | Published (1) | Trash (4)
Search Events
Bulk actions Apply All dates Select category Select Event Type Filter
1 item
Title Type Location Organizer Start Date End Date Expiry Date Actions
Birthday Party
Party or Social Gathering
Panvel
May 24, 2024
May 24, 2024
May 24, 2024
Bulk actions Apply
1 item