MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

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Project Report

on

Development of EventFlow System

A project report submitted in partial fulfilment of the requirement for the degree of

MASTER IN COMPUTER APPLICATION
in
COMPUTER SCIENCE AND ENGINEERING

Submitted By:
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE
Gwalior – 474005(MP) estd.1957

January – June 2024

TECHIE SHUBH DEEP
IT SOLUTIONS (P) Ltd.

CERTIFICATE

CIN: U72900MP2014PTC032827 *Date: 23/04/2024*

Ref. No: 002024/E-242

This is to certify that Ms.Nisha Bareliya has successfully completed a 4-month internship as a MERN Stack Developer with TechieShubhdeep IT Solutions Pvt Ltd.

During this time, her performance falls within very good range, suggesting opportunities for further development and refinement.

We value her contribution to TechieShubhDeep IT Solutions Pvt Ltd.

TechieShubhDeep IT Solutions (P) Ltd.

Rajul Jain
General Manager

Sandeep Gupta
CEO & Director

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CERTIFICATE

This is certified that **Nisha Bareliya (0901CA221041)** has submitted the project report titled **Development of EventFlow System** under the mentorship of **Mr. Himanshu Gupta** (Project guide, Techieshubhdeep IT Solutions Pvt. Limited), in partial fulfilment of the requirement for the award of degree of **Master in Computer Application,** of Computer Science and Engineering from **Madhav Institute of Technology and Science, Gwalior.**

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DECLARATION

I hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of Master in Computer Application in Computer Science and Engineering at **Madhav Institute of Technology & Science, Gwalior** is an authenticated and original record of my work under the mentorship of **Mr. Himanshu Gupta** (Project guide, Techieshubhdeep IT Solutions Pvt. Ltd.).

I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.

Nisha Bareliya
0901CA221041
2022-2024
Master in Computer Application
Computer Science and Engineering

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ABSTRACT

The EventFlow System is a user-friendly tool designed to make organizing events a breeze. With a simple interface, it helps event planners and participants navigate the process effortlessly. The system covers everything from planning and scheduling to participant registration and Booking, ensuring a smooth experience for everyone involved. Communication and collaboration are made easy, allowing organizers to keep everyone in the loop with updates and announcements. EventFlow system also helps manage resources effectively, ensuring venues, equipment, and personnel are allocated optimally. Real-time analytics and reporting tools provide valuable insights, helping organizers track event success and make informed decisions for future events. Security and data privacy are prioritized, ensuring that sensitive information is protected. In essence, EventFlow System is a one-stop solution that aims to make event management efficient, transparent, and successful for a variety of occasions.

सार

इवेंटफ्लो सिस्टम एक उपयोगकर्ता-अनुकूल उपकरण है जिसे कार्यक्रमों के आयोजन को आसान बनाने के लिए डिज़ाइन किया गया है। एक सरल इंटरफ़ेस के साथ, यह इवेंट योजनाकारों और प्रतिभागियों को प्रक्रिया को सहजता से नेविगेट करने में मदद करता है। सिस्टम योजना और शेड्यूलिंग से लेकर प्रतिभागी पंजीकरण और बुकिंग तक सब कुछ कवर करता है, जिससे इसमें शामिल सभी लोगों के लिए एक सहज अनुभव सुनिश्चित होता है। संचार और सहयोग को आसान बना दिया गया है, जिससे आयोजकों को अपडेट और घोषणाओं के साथ सभी को अवगत रखने की अनुमति मिलती है। इवेंटफ़्लो सिस्टम संसाधनों को प्रभावी ढंग से प्रबंधित करने में भी मदद करता है, यह सुनिश्चित करता है कि स्थानों, उपकरणों और कर्मियों को इष्टतम रूप से आवंटित किया गया है। रीयल-टाइम एनालिटिक्स और रिपोर्टिंग टूल बहुमूल्य अंतर्दृष्टि प्रदान करते हैं, जिससे आयोजकों को इवेंट की सफलता को ट्रैक करने और भविष्य के इवेंट के लिए सूचित निर्णय लेने में मदद मिलती है। सुरक्षा और डेटा गोपनीयता को प्राथमिकता दी जाती है, यह सुनिश्चित करते हुए कि संवेदनशील जानकारी सुरक्षित है। संक्षेप में, इवेंटफ्लो सिस्टम एक वन-स्टॉप समाधान है जिसका उद्देश्य विभिन्न अवसरों के लिए इवेंट प्रबंधन को कुशल, पारदर्शी और सफल बनाना है।

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CHAPTER 1: Introduction

Introducing a comprehensive platform EventFlow System, designed to streamline the process of organizing, managing events seamlessly. This system offers a user-friendly interface for individuals to register, explore past successful events through a dynamic gallery, and conveniently book upcoming events tailored to their preferences. Upon booking, users can securely make payments, ensuring a hassle-free experience. Furthermore, users have the opportunity to provide valuable feedback, contributing to the continual improvement of the system and enhancing future events.

Behind the scenes lies an intuitive admin panel empowering administrators with robust functionalities. Admins can efficiently manage feedback, monitor booking details, and curate the gallery section, showcasing the organization's accomplishments. The system's flexibility extends to the ability for admins to dynamically update event types and venues, ensuring adaptability to changing requirements and preferences. Moreover, admins gain insightful perspectives through visual representations of cost-revenue graphs, aiding in strategic decision-making and optimizing resource allocation.

In essence, the EventFlow system revolutionizes event organization and attendance, fostering seamless interactions between users and administrators. With its user-centric design and powerful administrative capabilities, it sets a new standard for efficiency and effectiveness in the realm of event management.

1.1. Problem Identification:

In the development of our EventFlow system, we encountered performance issues when handling a large volume of bookings. As the number of bookings increased, the system struggled to efficiently process and calculate all the associated details, including costs and revenue. This led to difficulties in accurately managing and analyzing booking information, hindering our ability to effectively oversee the events and optimize revenue generation.

To address this challenge, we implemented a graph-based solution within the system architecture. By incorporating graph data structures and algorithms, we created a more streamlined and scalable approach to managing booking data. The graph solution enables us to visualize booking details and analyze cost revenue trajectories with greater ease and efficiency.

Through the graph-based representation of booking data, users can seamlessly navigate and interpret intricate relationships between bookings, costs, and revenue. This not only enhances the overall performance of the system but also empowers users to make informed decisions and optimize event management strategies.

1.2. Parent Organization:

Techieshubhdeep IT Solutions Pvt. Ltd. has earned a reputation as a leading institute for C, C++, Java, .NET, PHP, Website Designing And Development, Application Development, Research and Development training. We specialize in guiding B Tech, M Tech, B E, BCA, MCA, and M.Sc. students to develop strong programming skills.

At Techieshubhdeep Solution Pvt. Ltd., we are committed to providing high-quality guidance to our students without compromising on excellence. Our team of specialist IT professionals offers live project training to help students excel in the software industry.

In addition to training, we also offer web design and development services tailored to businesses. Our primary goal is customer satisfaction, ensuring continuous support in website development and maintenance to help upgrade their businesses. We pay close attention to our clients' ideas, color preferences, and overall vision to deliver the best possible website.

Our team understands the importance of usability, functionality, and visualization in designing interfaces and websites. We work closely with clients to ensure their goals are met through our designs.

Our services are flexible and cater to our clients' needs and budget, offering:

- Custom Website
- Design Custom Interface
- Design Customized
- Website Packages Template Designs

With our experienced designers, we strive to create designs that meet your company's specific requirements and exceed your expectations.

1.3. Hardware and Software Specifications:

To ensure the optimal performance and reliability of The Eventflow System, careful consideration of both hardware and software specifications is imperative.

Below are the recommended specifications for deploying and operating the system effectively.

a.) Hardware Specifications:

i. CPU: Quad-core processor or higher to handle concurrent requests efficiently.

ii. RAM: Minimum 8 GB RAM.

iii. Storage: M.2 SSD storage for improved data access speed and responsiveness.

iv. Internet: Reliable internet connection to facilitate remote access and software updates.

v. Network: Network infrastructure capable of handling data transfer and communication between servers and client devices.

b.) Software Specifications:

i. Operating System: Linux (Ubuntu) or Windows Server based on compatibility and organizational preferences.

ii. Web Server: Apache HTTP Server for serving the web application.

iii. Database: MongoDB Atlas is a fully managed cloud database service provided by MongoDB, Inc. It allows users to deploy, manage, and scale MongoDB databases with ease, without worrying about the underlying infrastructure.

iv. Programming Language and Frameworks: For the development of the EventFlow system, I've chosen React.js as the primary frontend library along with HTML, CSS, and JavaScript. React.js will handle the dynamic user interface and interaction logic, while HTML, CSS, and JavaScript will provide the foundational structure, styling, and client-side scripting for the application.

v. Authentication and Authorization: Implementation of secure authentication mechanisms using JSON Web Tokens (JWT) to ensure authorized access to the EventFlow System.

vi. Dependency Management: Dependency management is a critical aspect of modern software development, particularly in projects built with JavaScript and its associated frameworks and libraries. npm, which stands for Node Package Manager, is the default package manager for JavaScript runtime environment Node.js.

vii. These hardware and software specifications lay the foundation for a robust and reliable EventFlow System, capable of meeting organizational requirements effectively and efficiently. By adhering to these recommendations, organizations and individuals can ensure the seamless operation and performance of the EventFlow Syste

CHAPTER 2: System Analysis

2.1. Problem Analysis:

By incorporating these requirements into our EventFlow system development process, we can effectively address the challenges faced by event organizers and provide them with a robust and personalized event planning experience.

2.1.1. Understanding the need:

People often want to plan various events, such as parties, conferences, or weddings. However, managing every aspect smoothly, from sending out invites to handling registrations and organizing the event itself, can be overwhelming.

To simplify this process, we've developed EventFlow, a user-friendly platform. It offers an intuitive interface, allowing customers to easily book their preferred events. With EventFlow, organizing an event becomes effortless and efficient.

2.1.2. Complexity in Planning:

Planning events involves finding a venue, keeping in mind how many guests are coming, deciding the start and end dates for multi-day events, choosing decorations, handling special requests, coordinating with different people who are helping out, and more. Doing all of this manually can be overwhelming because there's so much to remember and organize.

To make things simpler, we've developed EventFlow System.

It's a system that helps you remember all these details and book events easily. With EventFlow System, you can smoothly navigate through the planning process without missing any important details.

2.1.3. Integrated Communication platform:

Many current platforms don't have strong features for users to engage and interact, which makes communication and collaboration between customers and planners difficult.

The EventFlow system module improves engagement by providing tools for interaction, like discussion forums and collaborative features, to encourage meaningful exchanges of ideas and information. To ensure smooth interaction, we've included a feedback system where customers and organizers can communicate directly.

2.1.4. Data and privacy concern:

Handling data manually or through scattered systems can jeopardize user privacy and data security, leading to risks like unauthorized access or leaks. The EventFlow system prioritizes security with measures like encryption and access controls, ensuring user data remains protected and compliant with data protection laws. We also employ JWT authentication to further safeguard the data, and regularly conduct security checks to maintain a secure environment.

2.1.5. Technology dependent:

Nowadays, event planning uses a lot of technology, like signing up online, event websites, phone apps, and social media. Making sure these tools work smoothly and are easy to use is really important. Also, some websites don't work well on phones, causing trouble for users. To solve these problems, we made EventFlow. It's fully responsive, meaning it works great on any device, making event planning easier for everyone.

2.2. Feasibility Study:

The preliminary investigation now shifts its focus towards evaluating the feasibility of integrating an administrative module within an EventFlow system. This study aims to assess the technical, economic, and operational viability of incorporating such a module. By analyzing software requirements, financial considerations, and deployment strategies pertinent to administrative tasks within the event management context, stakeholders can gain insights to facilitate informed decision-making. This integration is expected to streamline administrative processes, improve operational efficiency, and enhance user experience within the EventFlow system.

2.2.1. Economical Feasibility

Economic feasibility examines whether the benefits of implementing the EventFlow system outweigh the costs associated with its development, implementation, and maintenance. It involves estimating the project costs, including software development, training, infrastructure, and ongoing support, and comparing them with the expected benefits, such as cost savings, efficiency gains, and improved compliance.

The system is financially feasible because it doesn't require any additional hardware or software. We've developed the interface using existing resources and technologies, which keeps costs low.

There are several reasons why this project is economically viable:

Cost-Effective Technology: We chose technologies with minimal costs in mind, ensuring that the project remains within budget.

Expected Benefits Outweigh Costs: We anticipate that the benefits to the organization from the new system will outweigh both the initial setup costs and any ongoing maintenance expenses. This makes the project economically feasible in the long run.

2.2.2. Technical Feasibility

This involves evaluating whether the technology required for the project is available, scalable, and reliable.

Here is a thorough analysis based on the given specifications:

Hardware requirements: The minimum hardware components for the system we are utilizing are as follows:-

a) **Processor:** An Intel Core i3 or newer processor is totally fine for managing databases and building EventFlow System. It works well with the latest software tools and helps create websites that work smoothly and look good on any device.

b) **RAM:** Modern systems may easily accommodate the recommended RAM requirement of up to 5 GB. This amount is adequate to handle database operations, backend process management, and user experience optimization. Sufficient RAM facilitates multitasking, allows for multiple user requests, and swiftly executes complicated queries.

c) **Hard drive:** It is sensible and practical to store website data, such as user profiles, Booking records, gallery management, and other required information, on a 50 GB hard drive. This allocation guarantees scalability and allows for the EventFlow system's future growth.

Software requirements: The minimum hardware components for the system we are utilizing are as follows:-

a) **Operating system and software:** We need Windows 10 or a newer version to ensure compatibility with modern programming tools like MongoDB Atlas, Postman for REST APIs, and Visual Studio Code.

b) **Programming Languages:** We use HTML, CSS, Reactjs, and Node.js for both frontend and backend development to ensure flexibility and scalability. These languages are widely supported and allow EventFlow system to build versatile and efficient.

c) **Network Requirements:** During development and deployment, using Wi-Fi network connectivity helps with collaboration and accessing online resources more conveniently.

2.2.3. Behavioral Feasibility

EventFlow System is designed with a focus on maximizing user acceptance and minimizing resistance to change by implementing the following measures:

a) **User-Friendly Interface:** EventFlow System features an intuitive and user-friendly interface that simplifies preferences for the selection before the booking an event. With its intuitive design and familiar navigation patterns, users can easily adapt to the system, reducing the learning curve and enhancing usability.

b) **Continuous Improvement:** This System incorporates feedback mechanisms to continuously collect user input and suggestions for enhancement. The objective of the EventFlow System is to consistently improve user satisfaction and experience by attentively considering user feedback and implementing necessary enhancements.

c) **User-Centric Design Approach:** The System is designed with a user-centric approach, involving developer and references in the design and development stages. This collaborative approach ensures that the module aligns with the actual workflows and preferences of its end-users.

2.3. Data Flow Diagram:

a) 2.3.1. Level 0-DFD

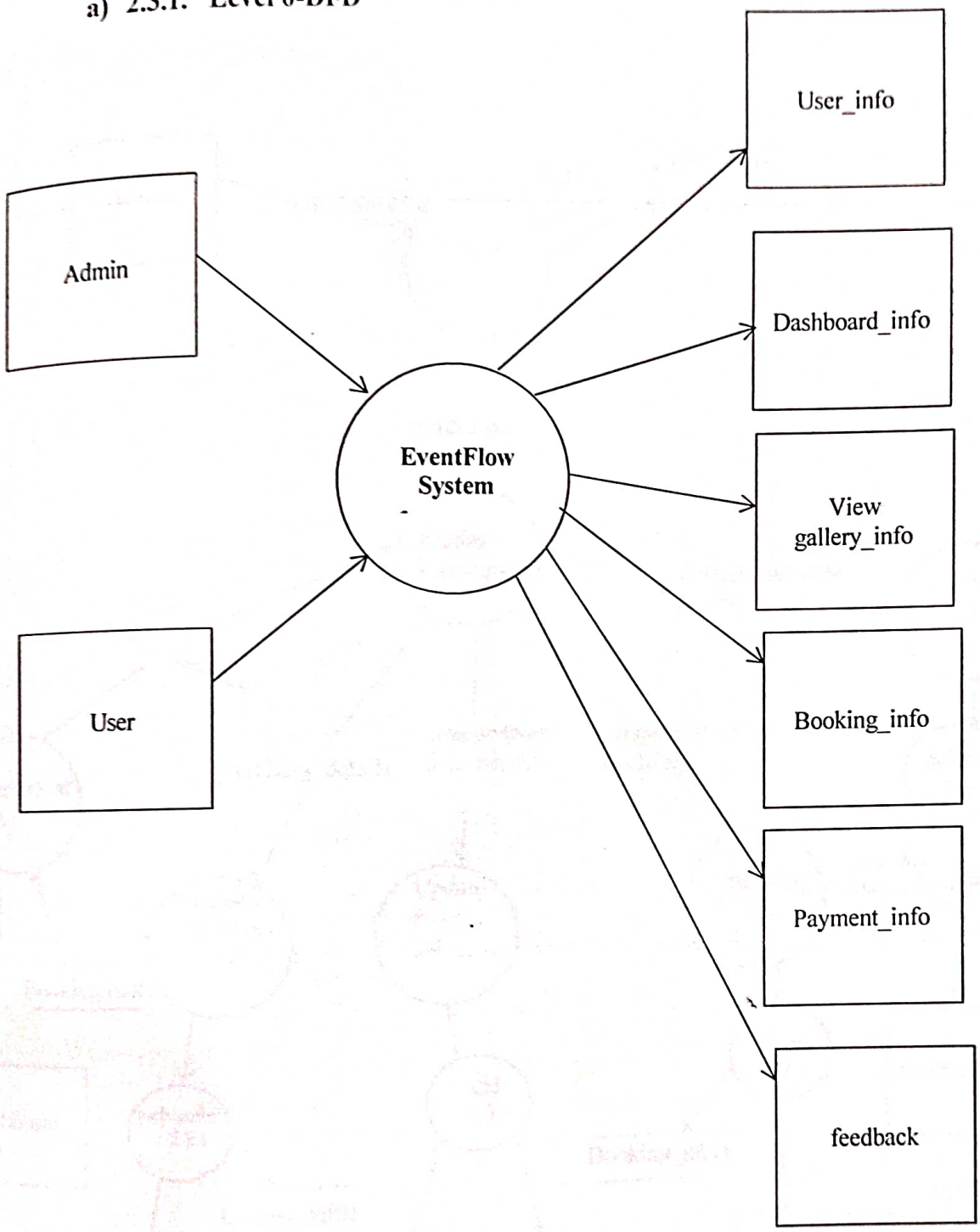


Figure 1 Level 0 DFD

b) 2.3.2. Level 1-DFD For Admin

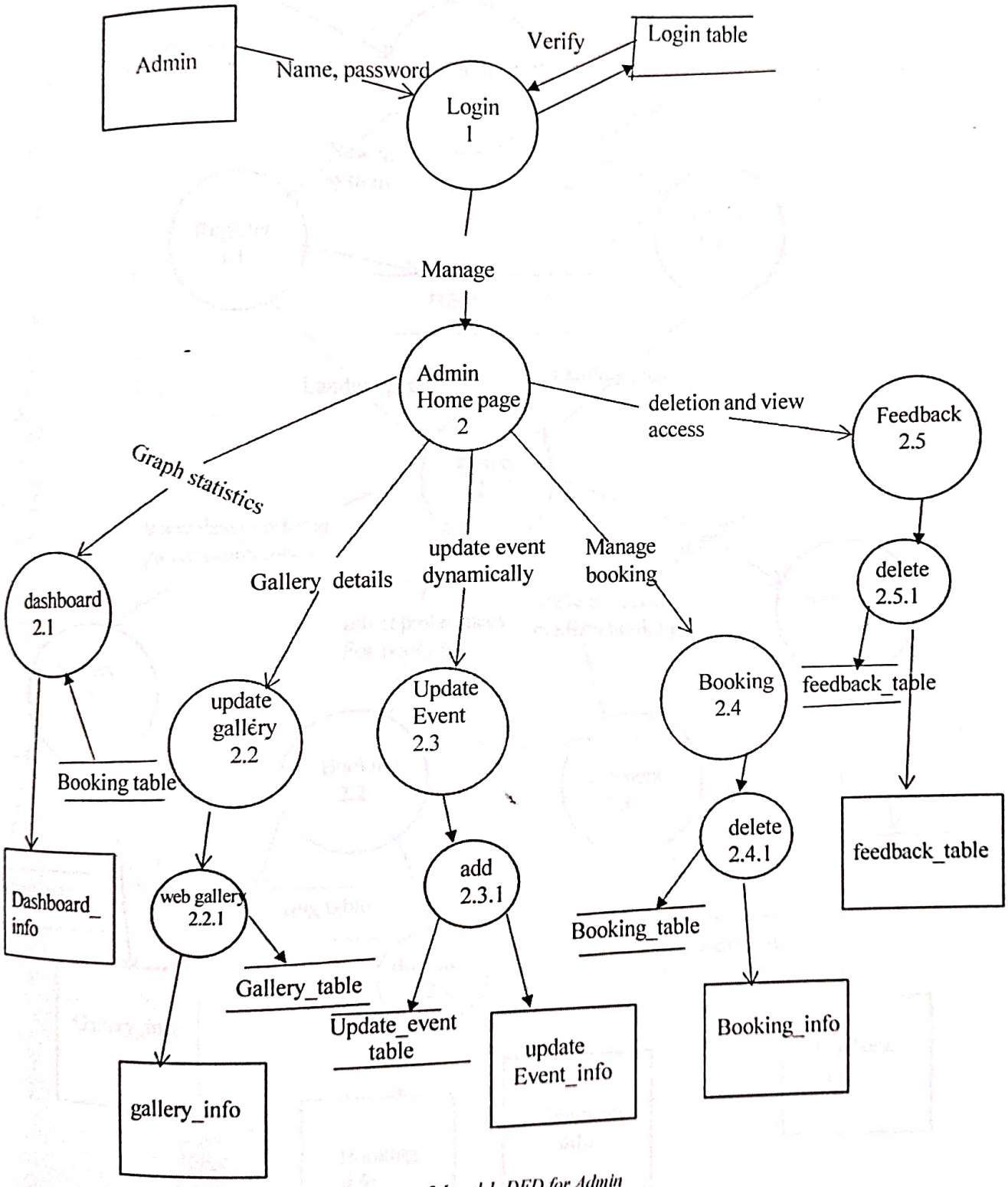


Figure 2 Level 1 DFD for Admin

c) 2.3.3. Level 1-DFD For User

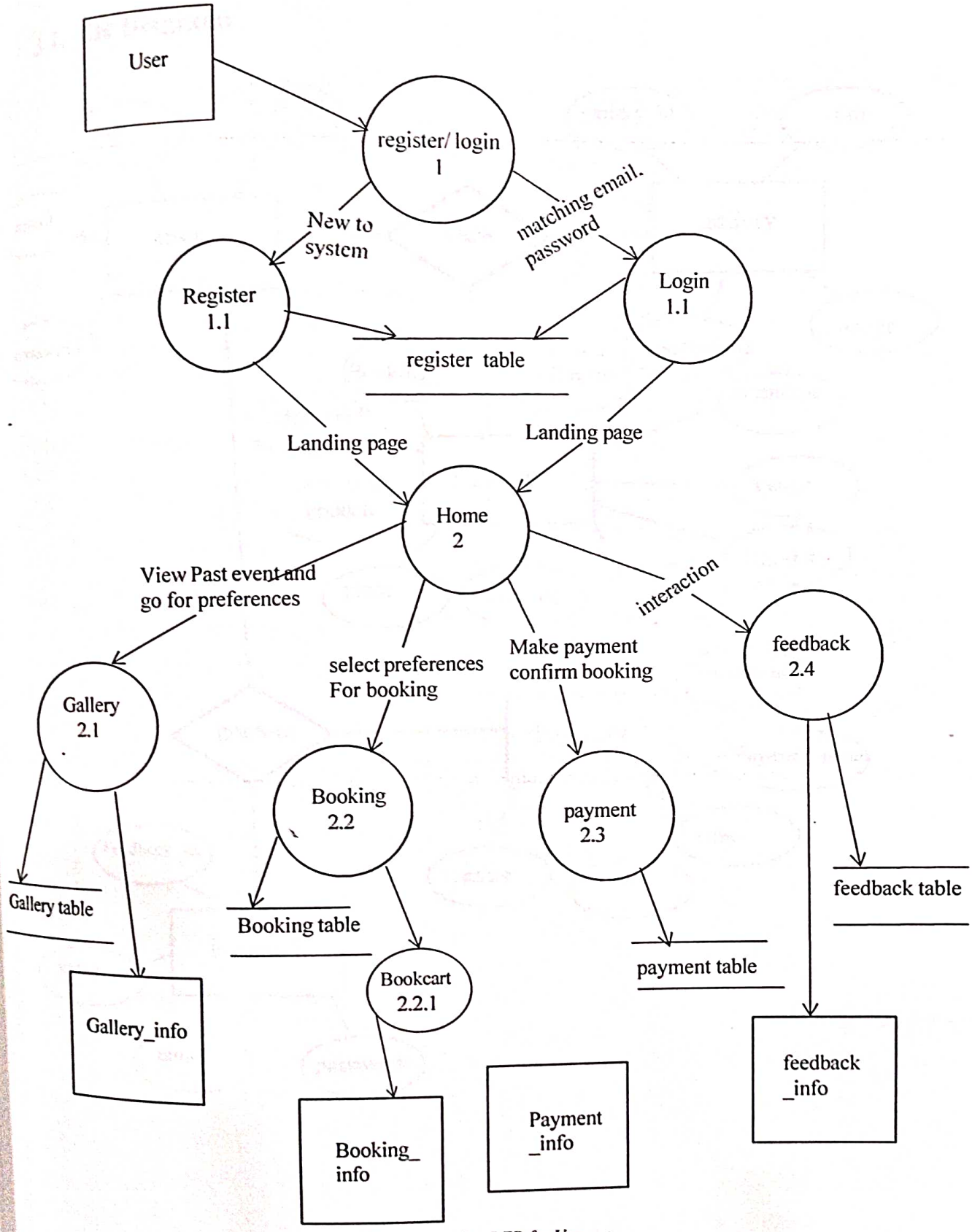


Figure 3 Level 1 DFD for User

CHAPTER 3: System Design

3.1. ER Diagram:

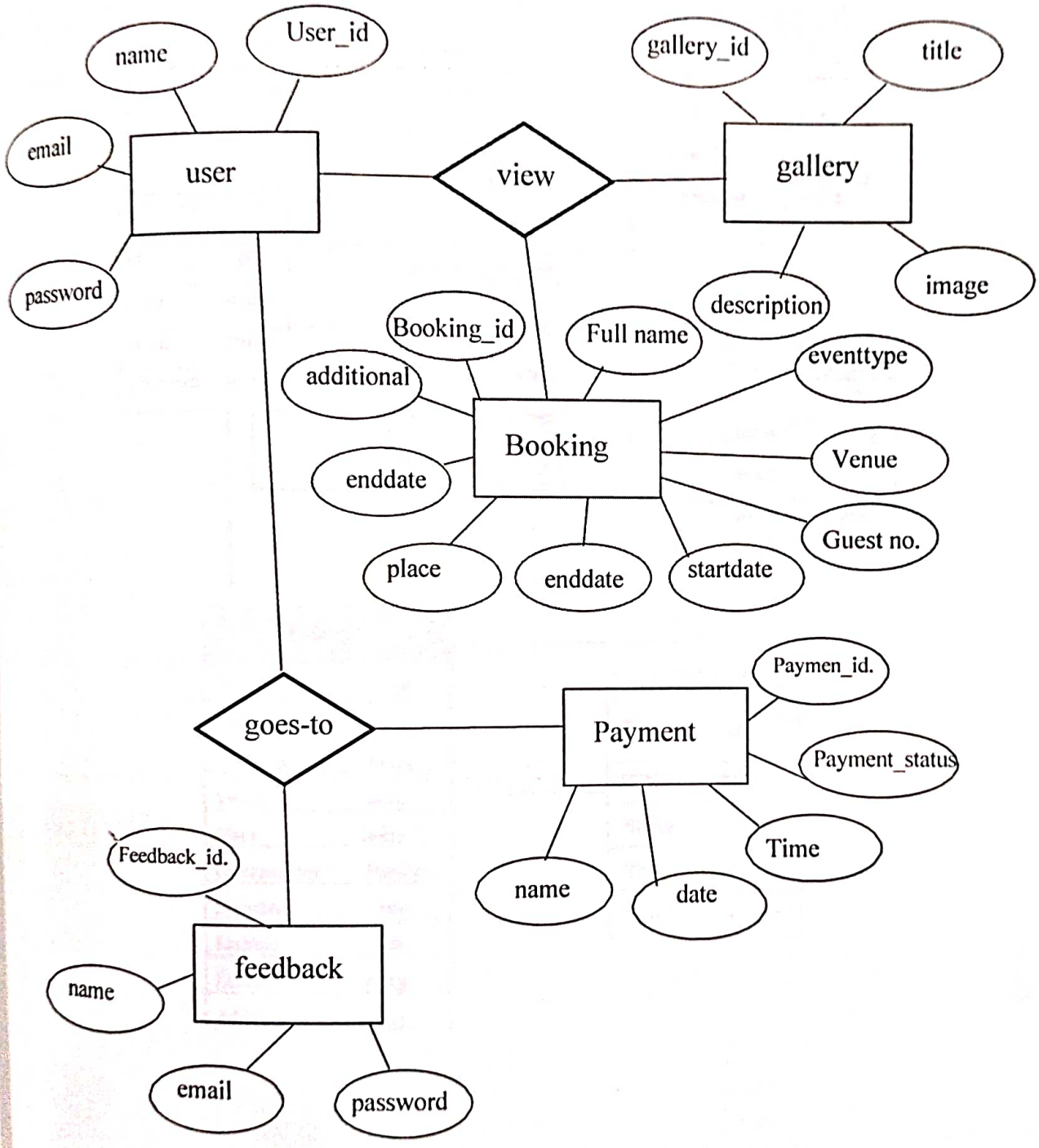


Figure 4 Entity Relationship Diagram

3.2. UML (Unified Modeling Language) Diagram:

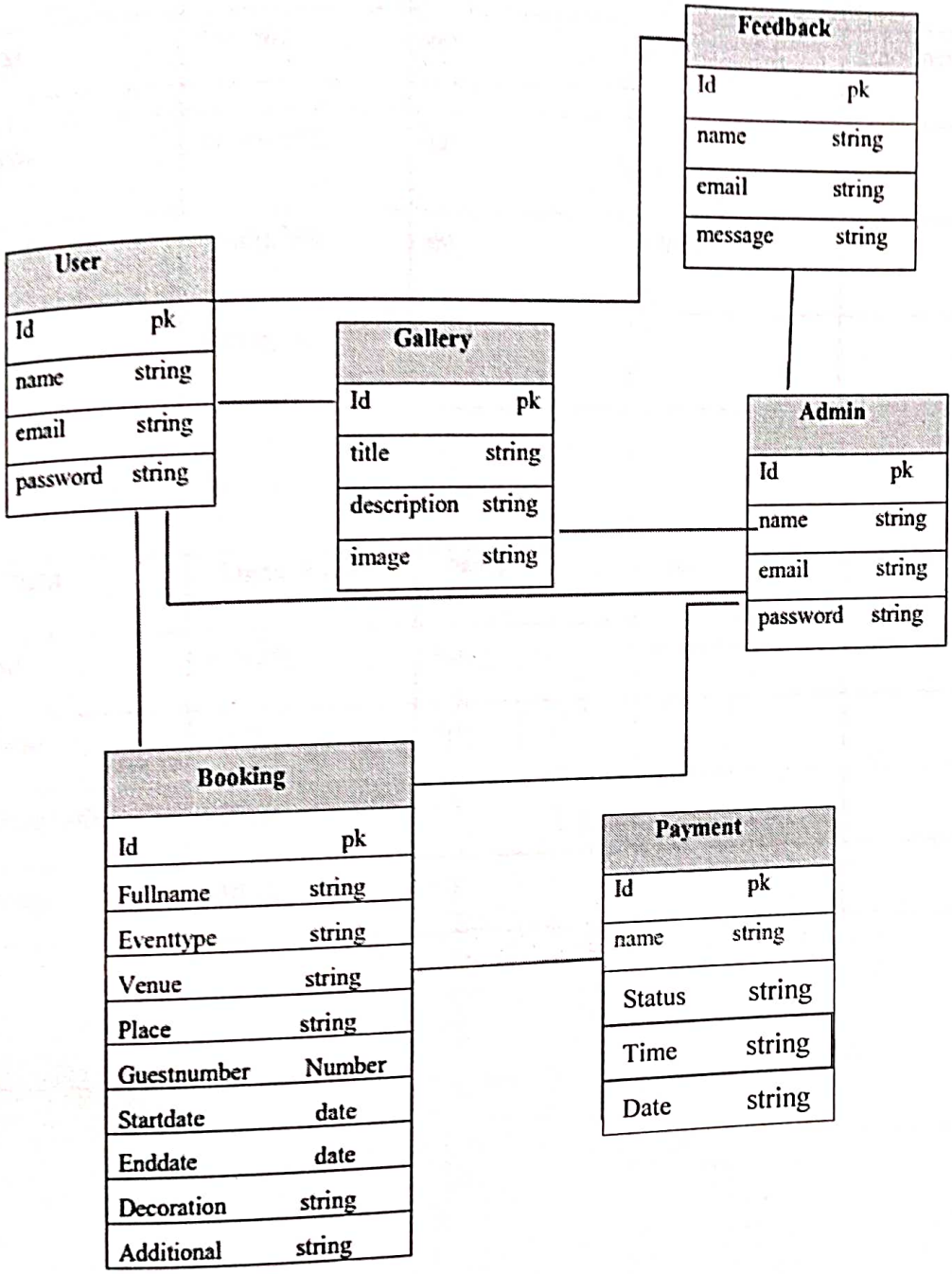


Figure 5 Unified Modeling Language Diagram

3.3. Database Table:

3.3.1 User Table

Field	Data Type	Null	Key	Extra
Uid	Int (50)	no	Primary	auto-increment
name	String(50)	no		
email	String(50)	no	Unique	
password	String(50)	no		

3.3.2 Gallery Table

Field	Data Type	Null	Key	Extra
gid	Int (20)	no	Primary	auto-increment
Title	String	no		
Description	String	no		
image	String	no		

3.3.3 Booking Table

Field	Data Type	Null	Key	Extra
bid	Int (20)	no	Primary	auto-increment
fullname	string	no		
eventtype	string	no		
venue	string	no		
place	string	no		
guestnumber	number	no		
Start date	date	no		
End date	date	no		
decoration	string	no		
additional	string	no		

3.3.4 Update Event Table

Field	Data Type	Null	Key	Extra
uid(20)	Int (20)	no	Primary	auto-increment
eventtype	string	no		
venue	string	no		

3.3.5 Feedback Table

Field	Data Type	Null	Key	Extra
fid(20)	Int (20)	no	Primary	auto-increment
name	string	no		
email	string	no		
message	string	no		

3.3.6 Payment Table

Field	Data Type	Null	Key	Extra
Payment_id(20)	Int (20)	no	Primary	auto-increment
name	string	no		
Payment_status	string	no		
time	string	no		
date	string	no		

3.3.7 Admin Table

Field	Data Type	Null	Key	Extra
Uid	Int (50)	no	Primary	auto-increment
name	String(50)	no		
email	String(50)	no	Unique	
password	String(50)	no		

CHAPTER 4: Testing

4.1. Unit testing:

We perform unit testing on each smallest unit of the developed website individually to check the working. We used test data to perform the testing. We try possibly every type of inputs to check their corresponding outputs, and its related working.

Test Case id	Section	Element name	Input	Expected result	Actual Result
001	Admin login	Name, Password	No data	All fields are required	Test case passed.
			Wrong name and Password	You are not registered.	Test case passed.
			Nisha Bareliya Password-12345	Successfully logged in.	Test case passed.
002	User Registration	name, Email, Password	No data	All fields are required.	Test case passed.
			Email without @	Error Occurred.	Test case passed.
			User name- Nisha Email- nishabareliya.111@gmail.com Password-Nisha	Successfully logged in.	Test case passed.
003	Booking	Fullname, EventType , venue, place, guest number, start date , end date, decoration type , additional request	No data	Fill the fields	Test case passed.
			If any one field is empty from the all required field	Error Occurred. All fields are required.	Test case passed.
			Given accurate data of fields	Continue for payment	Test case passed.

4.2. Compatibility Testing:

Test s.no.	Element name	Element type	Input	Expected result	Actual result	Test result
1	Device compatibility	Responsiveness on different devices	Checking Responsiveness on devices for e.g., Laptops, tablets, Smartphones through inspect and IP address through command prompt.	Website will adapt different screen sizes on different devices without my disbalancing	As expected, the website is full responsive and working perfectly.	Passed
2	Operating System Compatibility	Checking website behavior, on different operating systems	Working on different Operating Systems e.g., Android systems, macOS, iOS, Windows, etc.	There shouldn't be any changes in website Designing, Working, Accessibility and Performance speed, while switching the Operating System	As Expected, The Website is working all same even on different Operating System expect Linux operating system	Passed
3	Browser Compatibility	To verify functioning correctly	Verifying that websites display and function correctly across various web browsers like Google Chrome, Mozilla Firefox, Microsoft Edge, etc.	There shouldn't be any changes in website working, and Performance speed, while switching the Browser	As Expected, The Website is working all fine.	Passed
4	Network Compatibility	Checking website behavior, on different networks	Assessing how the software behaves under different network conditions, including various internet connection speeds and reliability.	There shouldn't be any changes in website	As Expected, The Website is working all fine.	Passed

4.3. Integration Testing:

Integration testing was conducted on the EventFlow system, wherein all the individual units of the website, including the admin module, user module, booking module, gallery module, payment module, feedback module, and other homepage functionalities, were seamlessly integrated to form a complete website.

This comprehensive testing approach aimed to evaluate the overall functionality and performance of the system by ensuring that all components interacted harmoniously with each other. During this testing phase, various scenarios were tested to validate the end-to-end flow of processes within the system. For instance, the integration between the user module and the booking module was scrutinized to confirm that users could successfully book events through the platform.

4.4. Validation Testing:

We also performed validation testing. The final design is subject to tests to ensure that the system will function as intended. We perform these tests to check whether the user is able to book events, view past events, give feedback, and sign in properly. We checked whether admin is able to view Booking details, feedback details and can manage the functionalities.

a. **Admin login-** Admin can login and perform privileged operations on the website.
b. **User registration-** User can register themselves, and no registered user can re-register themselves.
c. **User login-** User can login themselves, and no registered user can re-register themselves.
d. **Booking-** User can Book for event according to their preferences only after logging in.

CHAPTER 5: Implementation

The implementation phase of the development of EventFlow system is a critical stage where the software solution is actually built and put into operation. Here are some key aspects of the implementation phase:

5.1. Integrated Development Environment (IDE) Setup:

Here's a step-by-step guide to setting up Visual Studio Code for the development of the EventFlow system:

a) Download and Install VS Code:

- Visit the official Visual Studio Code website.
- Download the installer for your operating system (Windows, macOS, or Linux).
- Run the installer and follow the installation instructions.

b) Launch VS Code:

Once installed, launch Visual Studio Code from the Start menu (Windows).

c) Install Extensions:

- Open VS Code.
- Navigate to the Extensions view by clicking on the square icon on the Sidebar or pressing Ctrl+Shift+X.

d) Open a Project Folder:

- Open the folder where your coding project is located by selecting File > Open Folder from the menu or pressing Ctrl+K Ctrl+O.
- Alternatively, you can create a new folder for your project by selecting File > New File and then saving it in a new folder.

e) Start Coding:

Once your project folder is open in VS Code, you can start coding!

5.2. Mongodb Atlas :

a) Go to the MongoDB Atlas website.

b) Click on the "Start Free" button to create an account. You can sign up using your email address or your Google account.

c) After logging in, you'll be prompted to create a new cluster.

d) Customize additional settings such as cluster name, cluster size, and additional features like backups and monitoring.

e) Wait for Cluster Provisioning.

f) Click "Add IP Address" and specify the IP address or range that you want to whitelist. You can also choose to allow access from anywhere (0.0.0.0/0) for testing purposes, but this is not recommended for production environments.

g) Go to the "Database Access" tab in your cluster settings.

h) Choose "Connect Your Application" to get a connection string that you can use in your application code.

i) Copy the connection string provided in the connection dialog. Use this connection string in your application code to connect to your MongoDB Atlas cluster. Make sure to replace <password> with the actual password of the database user you created.

5.3. Nodejs Setup

a) Go to the official Node.js website.

b) Download the LTS (Long-Term Support) version, which is recommended for most users. Run the installer and follow the installation instructions.

c) After installation, open a command prompt or terminal.

d) Run the following commands to check if Node.js and npm are installed and to see their versions: node -v npm –v.

e) Create a new directory for your Node.js project.

f) Navigate to the project directory in your command prompt or terminal.

g) Use npm to install packages and dependencies for your project.

h) In your command prompt or terminal, navigate to your project directory. Run the following command to start your Node.js application: node app.js .

i) Open a web browser and visit http://localhost:3000 to see your application running.

5.3. Postman Setup:

a) Go to the official website of Postman and download it according to the operating system.

b) Create your account.

c) Create a new request click on + icon in the top left corner to create new request.

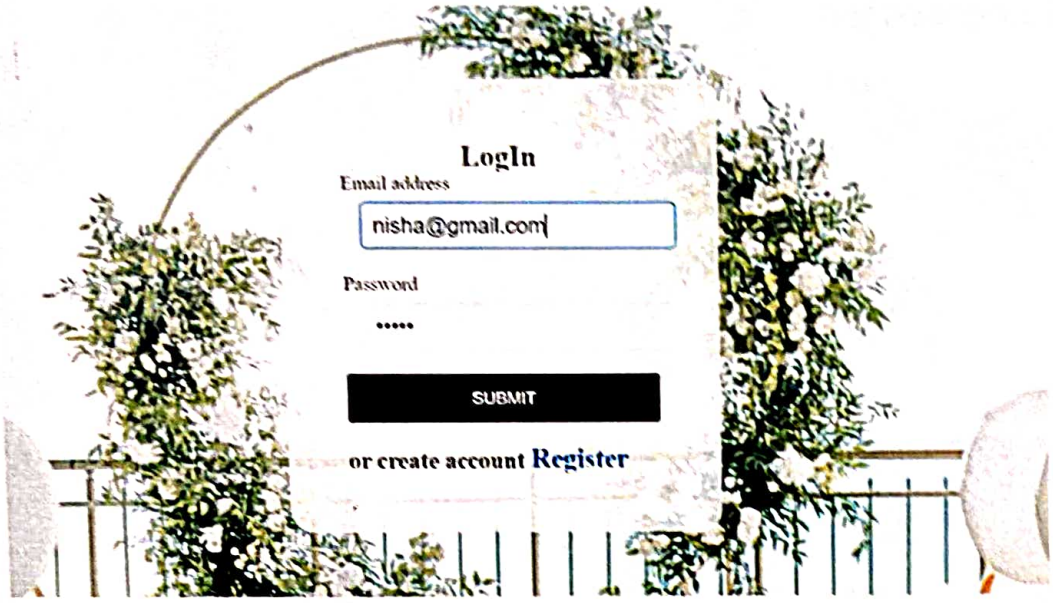
d) Choose the HTTP method (GET, POST, PUT, DELETE, etc.) for your request. Enter the request URL in the address bar. Navigate to the project directory in your command prompt or terminal.

e) Customize your request by adding headers, query parameters, request body, etc., based on the requirements of your API.

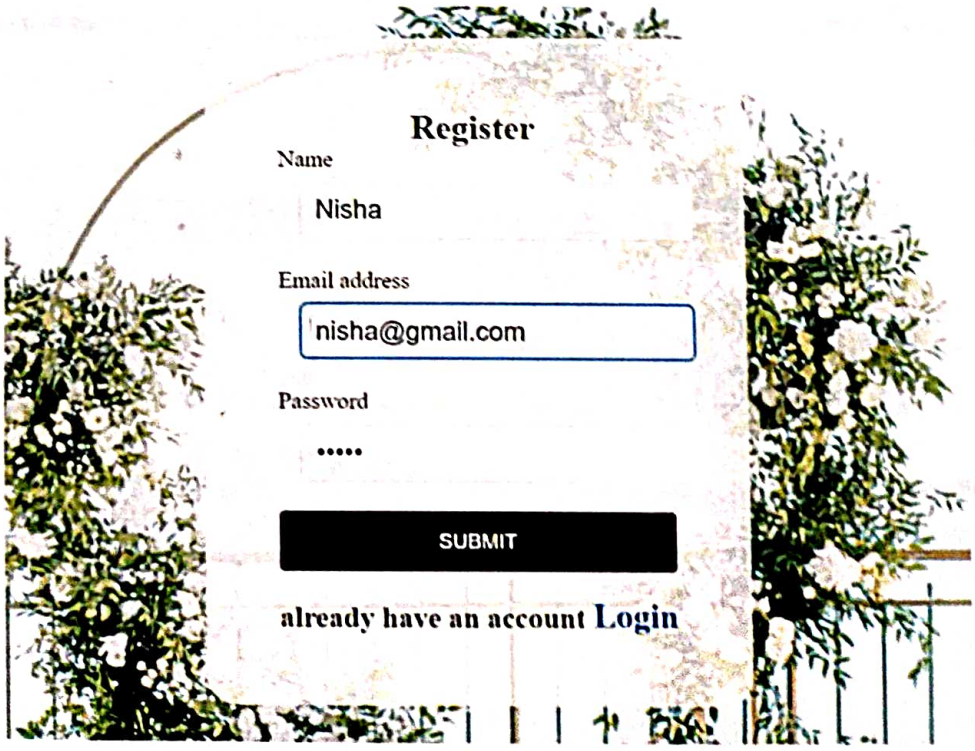
f) Click on the "Send" button to execute the request. View the response in the Response Viewer below.

CHAPTER 6: Sample Forms and Reports

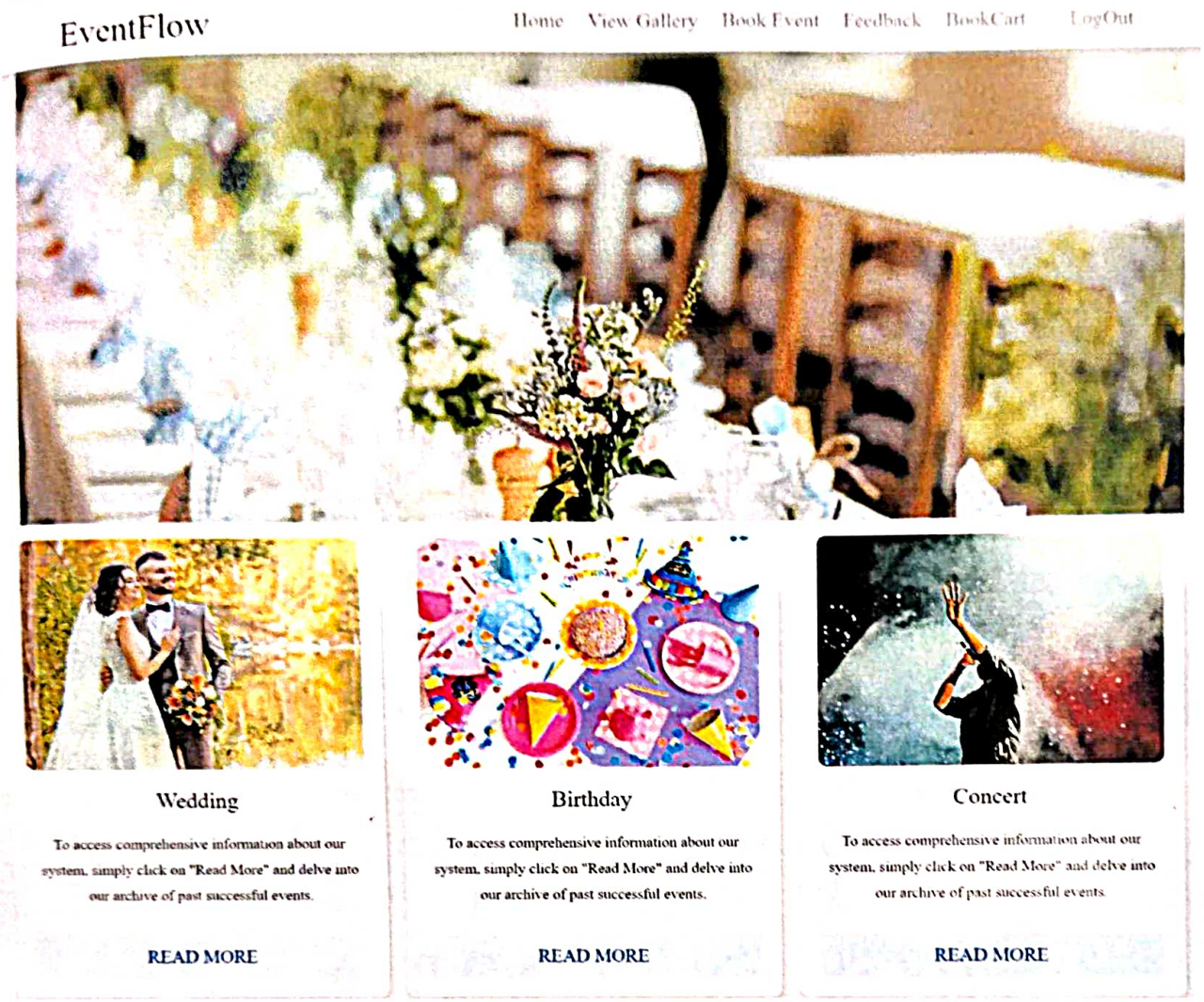
6.1. User Login



6.2. User Registration



6.3. Landing Page



6.4. View Gallery

EventFlow Home View Gallery Book Event Feedback BookCart LogOut

Tailored Experiences: Personalized Events Crafted by eventFlow

Wedding

From the delicate exchange of vows to the exuberant celebrations that follow, our team at EventFlow has curated weddings that are as unique as the love stories they commemorate.

CHOOSE PREFERENCES

LIGHT THEME DECORATION

Our light-themed decorations are designed to enhance the beauty of your space, creating a mesmerizing ambiance that enchants guests from the moment they arrive and decorations to suit your theme.

CHOOSE PREFERENCES

Annoucement

At eventFlow, we excel in crafting memorable announcement events that captivate audiences and leave a lasting impression. we're passionate about turning your announcements into unforgettable events.

CHOOSE PREFERENCES

Birthday

A birthday celebration wouldn't be complete without delicious food and drinks, and our culinary team, supported by the meticulous planning of the EventFlow system, did not disappoint.

CHOOSE PREFERENCES

Ceremony

Our team of EventFlow, flawlessly managed every aspect of the ceremony,
from coordinating logistics to ensuring that every guest felt welcomed and valued.

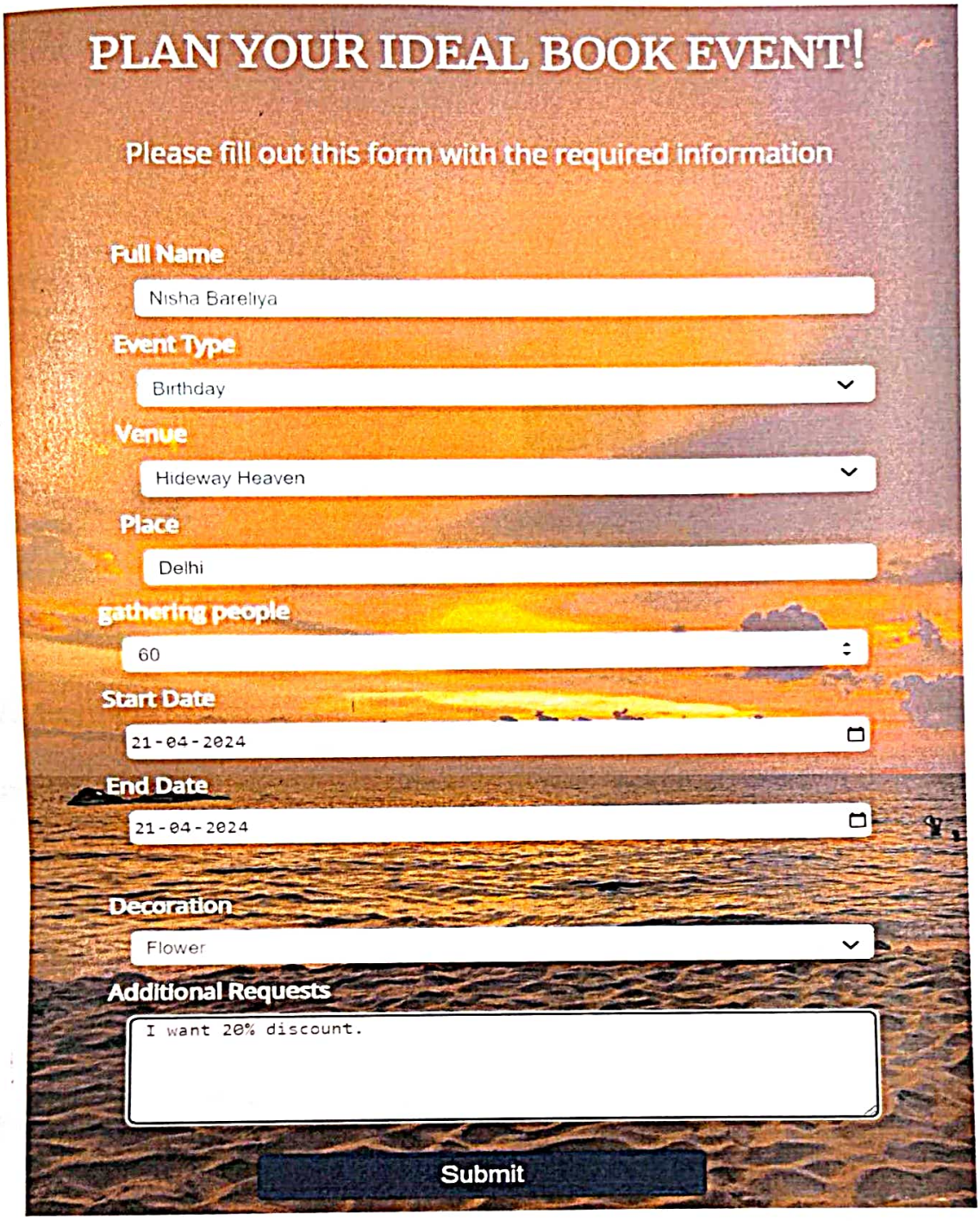
CHOOSE PREFERENCES

Concert

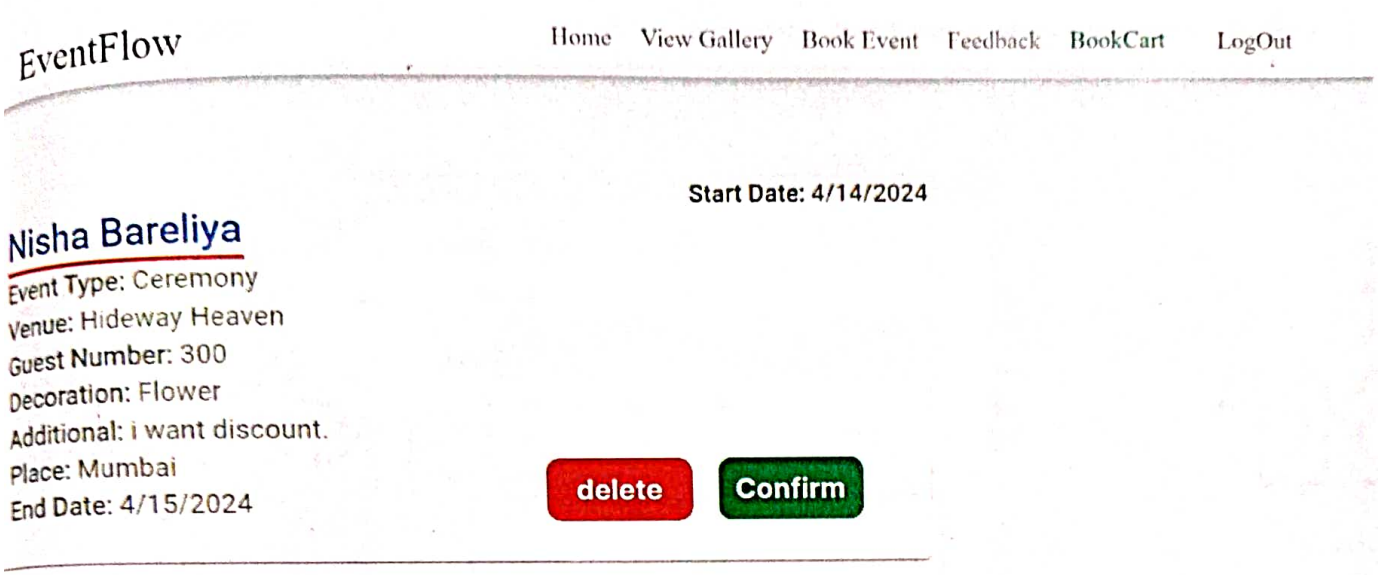
We specialize in crafting extraordinary experiences that resonate with audiences long after the final note fades. Recently, we had the privilege of organizing an electrifying concert for one of our esteemed clients.

CHOOSE PREFERENCES

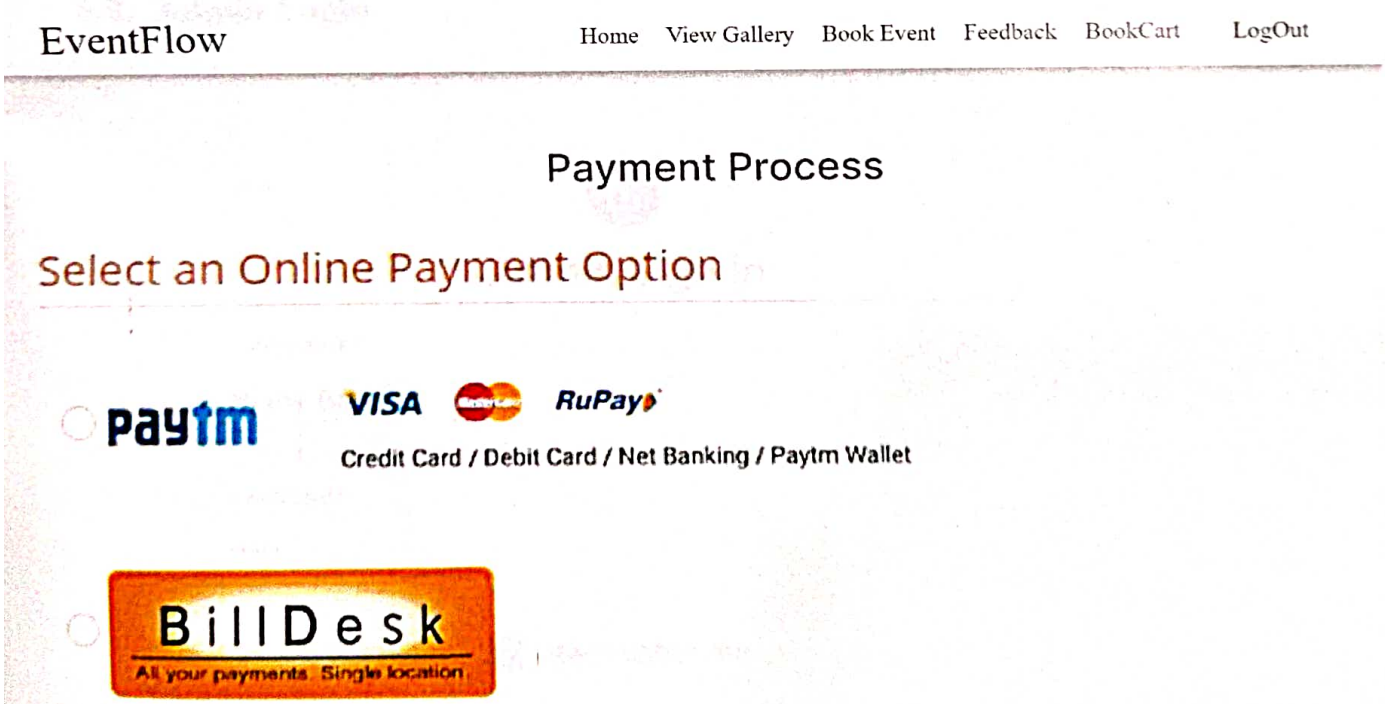
6.5. Booking Form



6.6. Bookcart

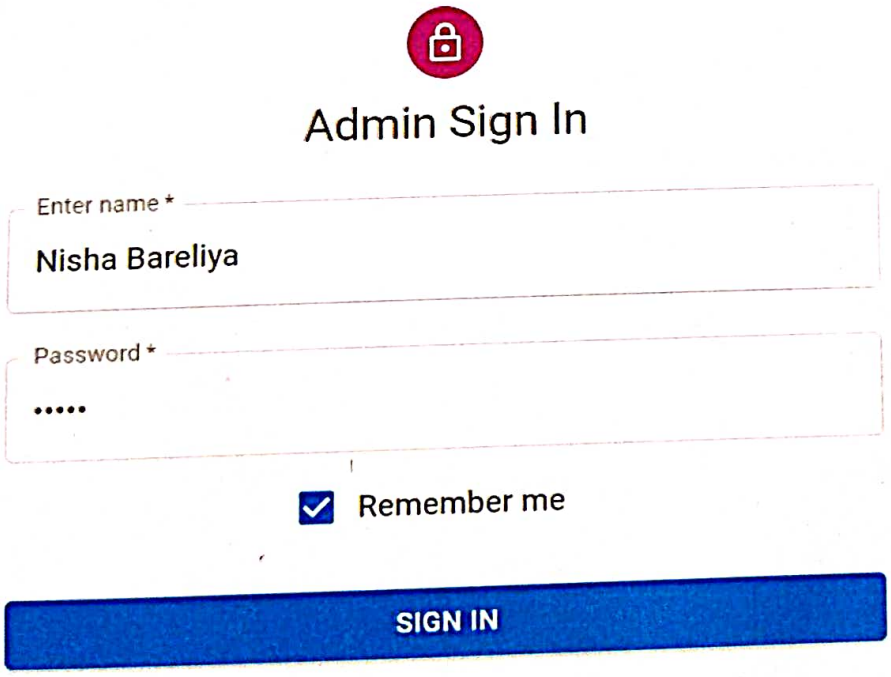


6.7. Payment

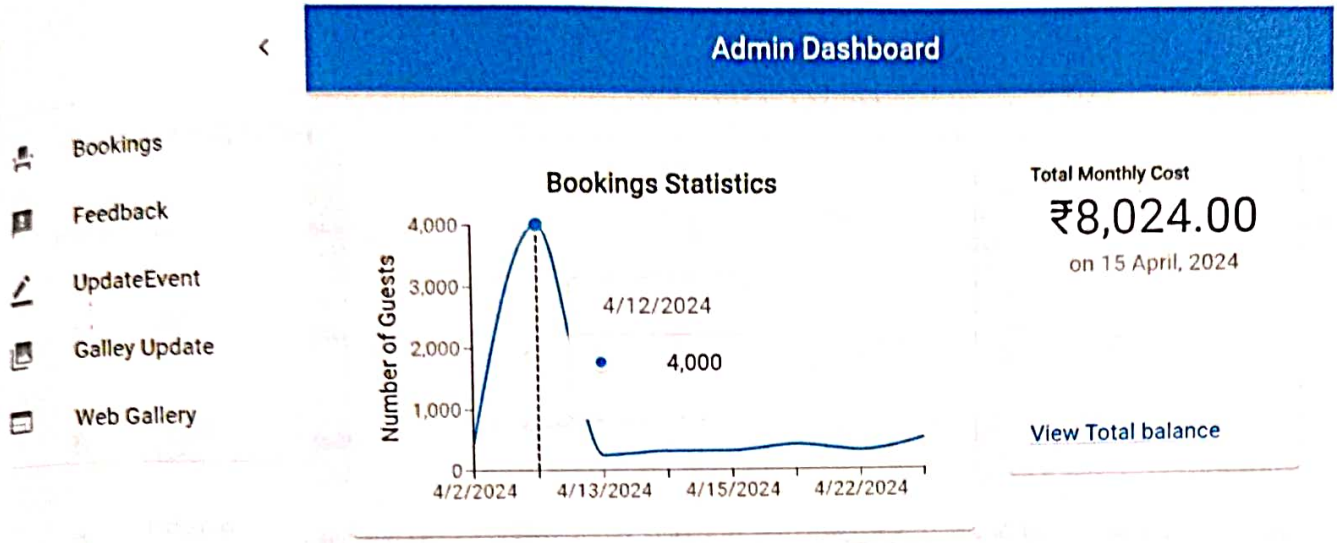


6.8. Feedback

6.9. Admin Login



6.10. Dashboard



6.11.Booking Details

Event Booking Details

Search

Actions	Fullname	Event Type	Venue	GuestNumber	Start Date	End Date	decoration	add
	Nisha Bareliya	Annoucement	Hideway Heaven	200	4/18/2024	4/19/2024	Flower	I w dis
	Akshay Gupta	Birthday	Landmark Hotel	40	4/26/2024	4/26/2024	DJ	No
	Vishakha Barahdia	Annoucement	Udaipur Palace	50	5/3/2024	5/3/2024	Balloons	No
	Princy	Weddina	Udaipur	50	4/27/2024	4/28/2024	Flower	no

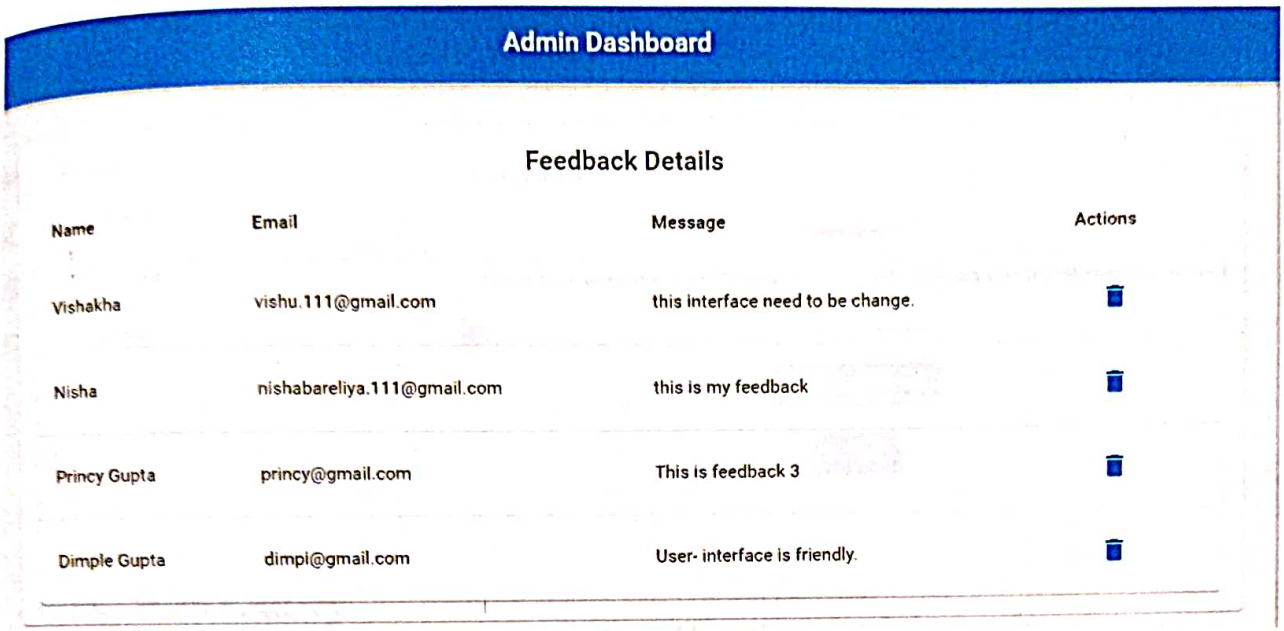
6.11.1 Booking Searching functionality

Event Booking Details

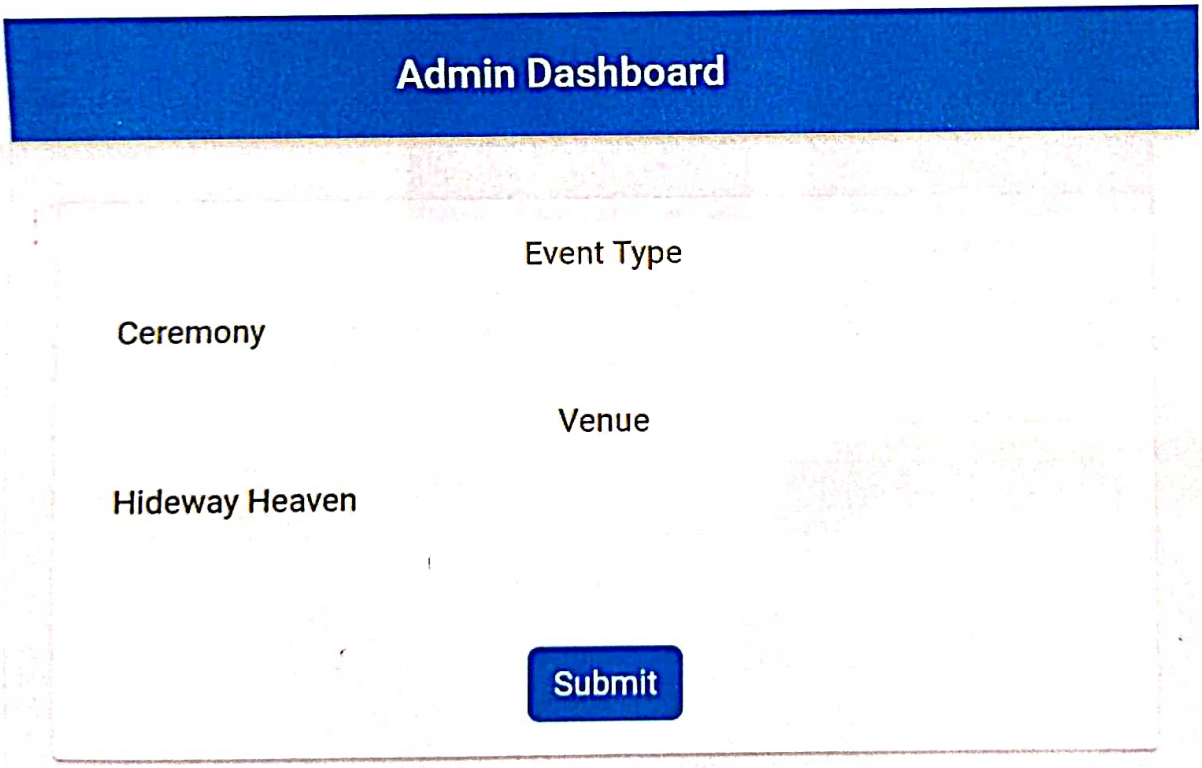
Nisha

Actions	Fullname	Event Type	Venue	GuestNumber	Start Date	End Date	decoration	add
	Nisha Bareliya	Annoucement	Hideway Heaven	200	4/18/2024	4/19/2024	Flower	I w dis
	Nisha	Birthday	Landmark Hotel	30	4/21/2024	4/21/2024	Flower	i w dis

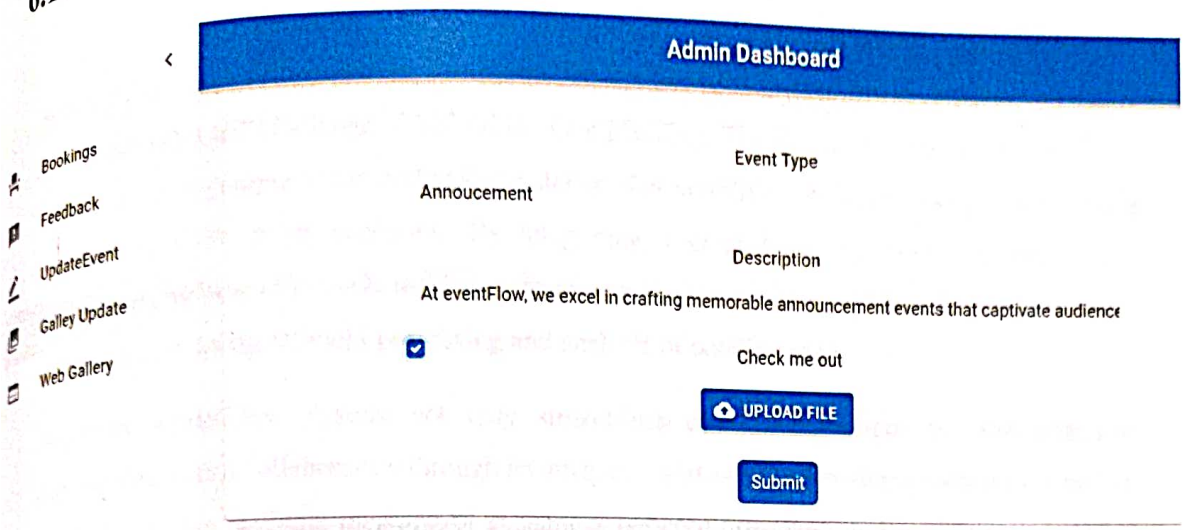
6.12. Feedback Details



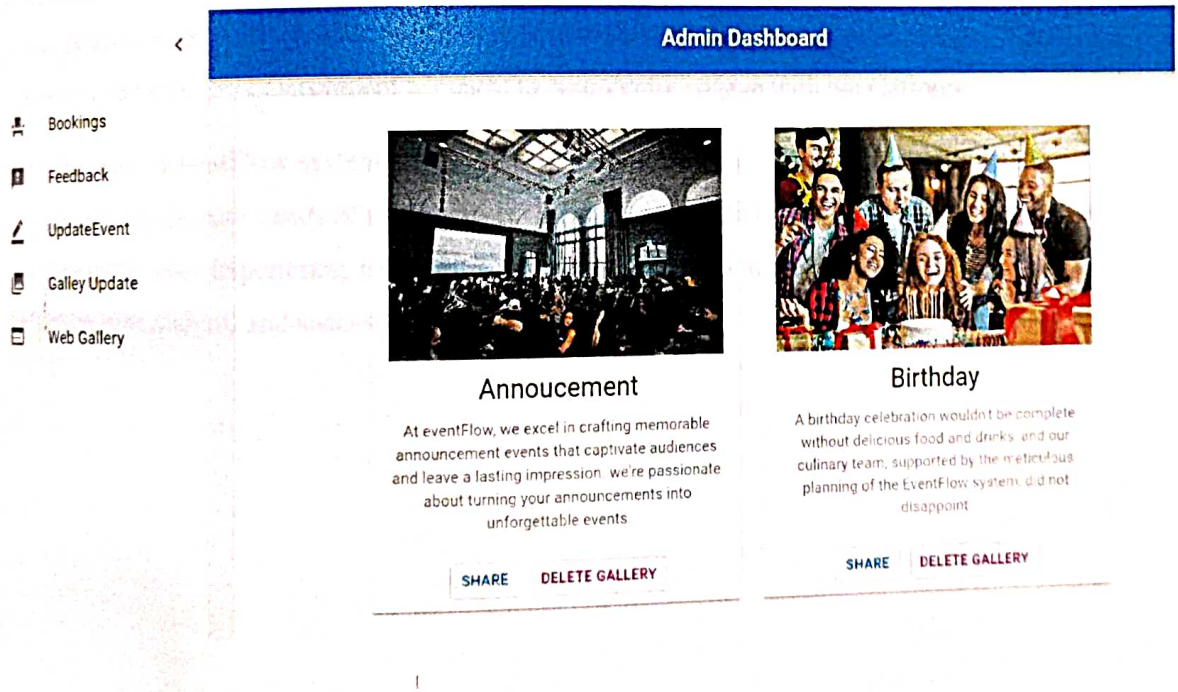
6.13. Event Update



6.14. Gallery Update



6.15. Web Gallery



CHAPTER 7: Conclusion

In conclusion, the development of EventFlow System has been driven by a deep understanding of the complexities and challenges involved in event planning. Through careful consideration of user needs, we have created a comprehensive solution that simplifies the entire process, from initial planning stages to event execution. By integrating a graph-based approach into our system architecture, we have effectively tackled performance issues associated with handling large volumes of bookings, ensuring efficient processing and analysis of booking data.

Moreover, EventFlow System not only streamlines event management but also enhances communication and collaboration through its integrated platform. By providing tools for interaction and feedback, we facilitate meaningful exchanges between organizers and participants, fostering engagement and transparency throughout the planning process.

Security and data privacy have been paramount considerations in the development of EventFlow System, with robust measures in place to safeguard user information and ensure compliance with data protection laws. By prioritizing encryption, access controls, and regular security checks, we have created a secure environment for users to confidently engage with the platform.

Furthermore, EventFlow system's responsive design ensures accessibility across various devices, catering to the diverse needs of modern event planners and participants. With its intuitive interface and seamless user experience, EventFlow system aims to revolutionize event planning, making it efficient, transparent, and successful for all involved parties.

Bibliography

S. no.	Website
i.	https://www.materialui.com/
ii.	https://www.flatcolor.com/
iii.	https://nodejs.org/en/download
iv.	https://www.dreamevent.com/
v.	https://www.mongodb.com/docs/cloud-manager/tutorial/connect-to-mongodb/
vi.	https://www.eventmanage-planner.com/
vii.	https://unsplash.com/
viii.	https://www.google.com/

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Summary

Fortnightly Progress Reports

FORMAT

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	CSE	
Industry/Organization	TechieShubhdeep IT solutions PVT Ltd.		4 months	16/01/2024 -24/01/2024	
Criterion	**Poor**	**Average**	**Good**	**Very Good**	**Excellent**
Punctuality/Timely completion of assigned work				✓	✓
Learning capacity/Knowledge up gradation			✓		
Performance/Quality of work			✓		
Behaviour/Discipline/Team work				✓	
Sincerity/Hard work			✓		
Comment on nature of work done/Area/Topic					
OVERALL GRADE (Any one)	**POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT** Good				
Name of Industry Mentor	**Mr. Himanshu Gupta**				
Signature of Industry Mentor	Hate 25/10/24				

Receiving Date		**Name of Faculty Mentor**	**Dr. Anshu Chaturvedi**	**Sign**	

FORMAT

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	CSE (Program: MCA)	
Industry/Organization	Techie Shubhdeep IT Solution Pvt Ltd		Date/Duration	25/01/2024-31/01/2024	
Criterion	**Poor**	**Average**	**Good**	**Very Good**	**Excellent**
Punctuality/Timely completion of assigned work			✓		
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work			✓		
Behaviour/Discipline/Team work			✓		
Sincerity/Hard work		✓	✓		
Comment on nature of work done/Area/Topic					
OVERALL GRADE (Any one)	**POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT** ✓				
Name of Industry Mentor	Mr. Himanshu Gupta				
Signature of Industry Mentor	HR Manager Techieshubhdeep IT Solutions Pvt. Ltd.				

Receiving Date	6/2/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	MCA (CSE)	
Industry/Organization	TechieShubhdeep IT solutions PVT Ltd.		4 months	1/02/2024 -15/02/2024	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work			✓		
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work				✓	
Behaviour/Discipline/Team work			✓		
Sincerity/Hard work			✓		
Comment on nature of work done/Area/Topic					
OVERALL GRADE (Any one)	POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT				
Name of Industry Mentor	Mr. Himanshu Gupta				
Signature of Industry Mentor	HR Manager TechieShubhdeep IT Solutions Pvt. Ltd.				

Receiving Date	20/2/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	MCA (CSE)	
Industry/Organization	TechieShubhdeep IT solutions PVT Ltd.		4 months	15/02/2024 -29/02/2024	
Criterion	**Poor**	**Average**	**Good**	**Very Good**	**Excellent**
Punctuality/Timely completion of assigned work			✓		
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work				✓	
Behaviour/Discipline/Team work				✓	
Sincerity/Hard work			✓		
Comment on nature of work done/Area/Topic	She is learning figma tool for making UI/UX. ✓				
OVERALL GRADE (Any one)	**POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT**				
Name of Industry Mentor	**Mr. Himanshu Gupta**				
Signature of Industry Mentor	Himanshu Gupta TechieShubhdeep IT Solutions Pvt.Ltd				

Receiving Date	19/3/24	**Name of Faculty Mentor**	**Dr. Anshu Chaturvedi**	**Sign**	

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	MCA (CSE)	
Industry/Organization	TechieShubhdeep IT solutions PVT Ltd.		4 months	1/03/2024 -15/03/2024	
Criterion	**Poor**	**Average**	**Good**	**Very Good**	**Excellent**
Punctuality/Timely completion of assigned work				✓	
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work				✓	
Behaviour/Discipline/Team work			✓		
Sincerity/Hard work			✓		
Comment on nature of work done/Area/Topic	She is working on Event management system it's time project not responsive So she is working on media gallery				
OVERALL GRADE (Any one)	**POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT**				
Name of Industry Mentor	**Mr. Himanshu Gupta**				
Signature of Industry Mentor	TechieShubhdeep IT Solutions Pvt.Ltd.				

Receiving Date	19/3/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	MCA (CSE)	
Industry/Organization	TechieShubhdeep IT solutions PVT Ltd.		4 months	15/03/2024 -30/03/2024	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work				✓	
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work					✓
Behaviour/Discipline/Team work			✓		
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic	She is doing EMS Project at Now Project UI UX is depending.				
OVERALL GRADE (Any one)	**POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT**				
Name of Industry Mentor	**Mr. Himanshu Gupta**				
Signature of Industry Mentor	TechieShubhdeep IT Solutions Pvt.Ltd.				

Receiving Date	22/4/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	

FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Nisha Bareliya		Department	MCA (CSE)	
Industry/Organization	TechieShubhdeep IT solutions PVT Ltd.		4 months	1/04/2024 -15/04/2024	
Criterion	Poor	Average	Good	Very Good	Excellent
Punctuality/Timely completion of assigned work			✓		
Learning capacity/Knowledge up gradation				✓	
Performance/Quality of work					✓
Behaviour/Discipline/Team work				✓	
Sincerity/Hard work				✓	
Comment on nature of work done/Area/Topic	She is working on Event Management System. Project at now in better condition. N ✓				
OVERALL GRADE (Any one)	**POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT**				
Name of Industry Mentor	**Mr. Himanshu Gupta**				
Signature of Industry Mentor	TechieShubhdeep IT Solutions Pvt.Ltd				

Receiving Date	22/4/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	