# A
# PROJECT REPORT ON

# EVENT MANAGEMENT PORTAL
**(An e-commerce platform)**

Submitted in partial fulfillment for the award of

**Post Graduate Diploma in Advance Computing**

**(PG-DAC) from**

**INSTITUTE OF EMERGING TECHNOLOGIES**

**Authorized Training Centre**



**UNDER THE GUIDANCE OF**
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# CERTIFICATE

This is to certify that the project report entitled **EMP** is a bonfire work carried out by **VAIBHAV ANSHABAPU RODE, AKASH BHANUDAS GOLE, PRATIK VIJAY BONDRE, SURAJ RAVINDRA WABLE, AKSHAY BABASAHEB KHARMALE** and submitted in partial fulfillment of the requirement for the C-DAC ACTS, DAC course in Institute of Emerging Technology in the batch of Sept 2022.

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# <u>ACKNOWLEDGEMENT</u>

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# ABSTRACT

One Stop Solution for Event Management. The Software in designed to be used by Common people who wants to organize an event which may be of any scale and variety like wedding, birthdays, receptions etc. and Service providers will be able to provide their services through this platform.

Through this portal customers will be able to find the multiple services like Event Hall or venues, Decorators, Caterers and book the required services according to his budget and preferences through our platform.

Such platform can provide huge opportunities to service providers for growing their business and can build trust among customers by providing best service quality.

# Index

# 1. <u>Introduction</u>

Customer get many benefits via online Event Management Portal this helps to service provider to build long-lasting and profitable relationship with their customers. For making strong relationship with these users, it is very important to focus on the customer as a whole and making sense of a flood of real-time information that goes well beyond demo graphics. There are two entities who will have the access to the system. One is the admin and another one will be the registered user.

User need to register with basic registration details to generate a valid username and password. After the user logins, it can view all the services that are recommended on the homepage compiled by the system based on user's information. From the recommended services, the user can even further view its details and then if interested to particular service can contact to service provider and place his order.

# 2. <u>Problem Definition & Scope</u>

## 2.1 <u>Problem Definition</u>

The "event organizer" is a web based platform that aims to help organize successful event. The system assists the clients in the decision making and planning processes associated with all aspects of a event organization. The system offers features that the clients can retrieve information for event products and services as well as information of vendors in the shortest possible time. Also, vendors can gain benefit of getting more recognition from clients and generating more revenue. The proposed system has the ability to explore event goods/service suppliers (Vendors) across relevant categories and allow vendors to enter and manage all relevant information such as price, client list, models, previous work details, locations, exhibition details and more.

Balancing the budget is one of the hardest aspects of planning a event. The event clients has not experience of dealing with paying vendor in the countdown to a event. They do not know how to budget for a event. The proposed system will help the event clients to figure out a budget for the event that is just right for them. It will also help them to stay within budget when planning their big day.

So many things that need to be done on the event and prior this day. So planning is very important to make the event day special and memorable. The event checklist is generated for that. It helps to prepare for the big day without missing any of the bits and pieces that involved in planning.

## 2.2 <u>Objective</u>

The Event Planning System is a web-based platform for clients and vendors. Each user has different perspective towards the system, depends on the needs in terms of their roles in the system.

## Clients:

Clients who are initiating their event planning. They use the system to help them make decision based on their preference and budget when taking in pricings for their desired   services and products. They are responsible for specifying their desires and needs of every aspect of the event such as themes, styles, locations, dates, vendor brands and etc. They can make changes anytime during the planning process.

## Vendor:

Vendors are persons or companies who provide  services and products. They use the system to market their products and services and attract more prospective clients. In addition, they can interact with clients through the system.

# 3. <u>Software Requirement Specification</u>

## 3.1 <u>Purpose</u>

Event arrangements are the most important things in one's life and it should be perfect without any mistakes and flaws that needs you to be a magician for managing budgets, bookings, suppliers, guest list and to-do list on a daily basis.

Nowadays clients face frustrating situation in looking for Event products and services here and there and they want support from some other person. Unfortunately, the professional Event planners are quite expensive and not provide much relevant ideas and schedule to the clients.

"Event organizer" web application has been proposed as a solution to the current issues which provide important key features which are expected from clients. They are notifications sending facility as a reminder of events, managing to-do list, manage guest list and enable to find the vendor details.

## 3.2 <u>Scope of the project</u>

This system will be capable of planning, scheduling, monitoring and evaluating all the activities related to the event. The web application will let the clients to manage the budget against the supplier's goods and services. It will also help them to stay within budget when planning their big day.

The clients will be able to find suppliers across relevant categories using extensive filters such as cost, location or other required factors.

Following are the categories:
- ➢ Hall
- ➢ Catering
- ➢ Photographers
- ➢ DJ/Band
- ➢ Transportation
- ➢ Decorations(Flowers, Makeup, Light)
- ➢ Water Supply

➢ Fire crackers
➢ PoojaVidhi
➢ Horse

## Event Checklist:

Check items as done, and keep a track of the pending ones with own event countdown. See what percentage have finished, and keep track of what still needs to be done.

## Budget Calculation:

Manage the cost of individual expenditure items (DJ, Florist, photographers … etc.) and all the amounts are immediately added once the clients finalize vendors Keep the track of payments such as actual cost incurred, estimated cost, amount paid and amount need to be paid.

# 4. <u>Performance-Requirements</u>

## 4.1 <u>Functional Requirements</u> :-

    Functional and non – functional requirements need to be carefully selected in order to ensure that they make sense in the context of the final outcome of the project.

    Functional requirements are functions or features that must be included in the developed system to satisfy the business needs and be acceptable to the users. Functional requirements may be calculations, technical details, data manipulation and processing and other specific functionality that defines what a system is supposed to accomplish. Functional requirements are expressed by the users of the system.

As a result of the requirements elicitation techniques that are used, following are the key functional requirements.

- Event clients Registration
- Explore goods/service suppliers (Vendors)
- Event Checklist

  Check items as done, and keep a track of the pending ones. Add notes, see what percentage have finished, and keep track of what still needs to be done. Also, has the ability add own items or remove existing ones.

- Wedding guest list

  Keep track of guest status. Build your wedding guest list and easily keep track of guest attendance.

- Task management
- Budget calculation

## 4.2 Non- functional Requirements :-

Non-functional requirement will describe how a system should behave and what limits there are on its functionality.

### Availability:

This is to make sure there is very low downtime of the database server and assuring the system is always available and ready.

### Reliability:

Since lot of calculations are involved, higher reliability of the system is highly expected by the users. System should be able to perform all the relevant functions and produce correct output.

### Robustness:

Meaningful error messages will be appear when incorrect data is fed in, allowing the user to understand the problem.

### Appearance and Interactive:

Website should be more attractive and interactive. Appearance of the site should be beautiful and the visitors should not feel bored to visit the site.
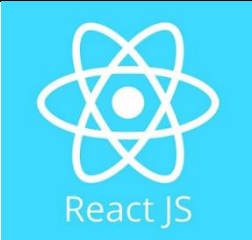
# 5. SPECIFIC REQUIREMENTS

## 5.1 External Interface Requirements

## 5.1.1 User Interfaces

The user interface for system shall be compatible to any type of web browser such as MozillaFirefox, Google Chrome, and Microsoft EDGE, Opera, BING.

## 5.1.2 Software Interfaces

| | FRONT END | BACKEND | DATABASE |
|---|---|---|---|
| 1 | REACT JS | J2EE | MySQL |

## 5.1.3 Hardware Interfaces

| Server Side | | | |
|---|---|---|---|
| Monitor | Processor | RAM | Disk Space |
| Resolution: 1024x768 | Intel or AMD 2GHZ OR HIGHER | 4GB | 10GB |
| Client Side | | | |
| Monitor | Processor | RAM | Disk Space |
| Resolution: 1024x768 | Intel or AMD 1GHZ DUAL CORE MIN | 2 GB | 128 GB |

# 6 . <u>UML Diagram:-</u>

## 6.1<u>Data Flow Diagram(DFD):-</u>

### 6.1.1) Admin:
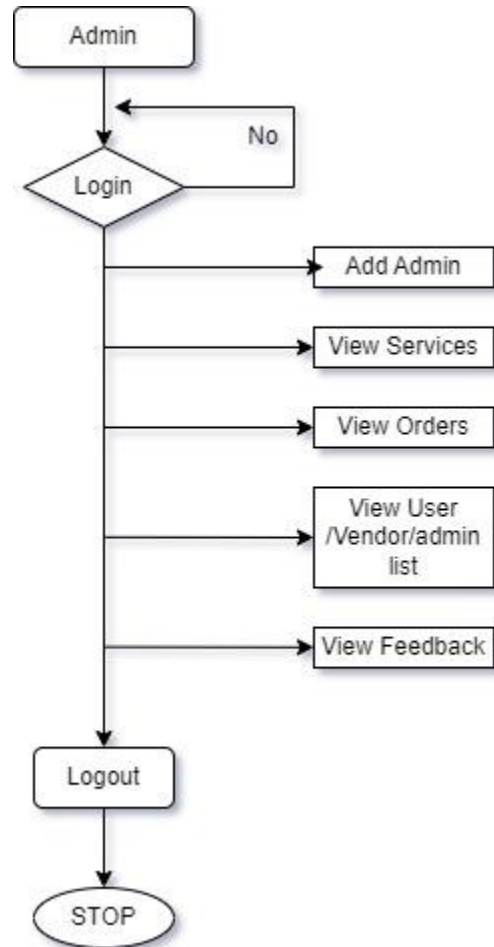


Fig. 6.1.1 Data Flow Diagram(DFD) of Admin

**6.1.2) User**:
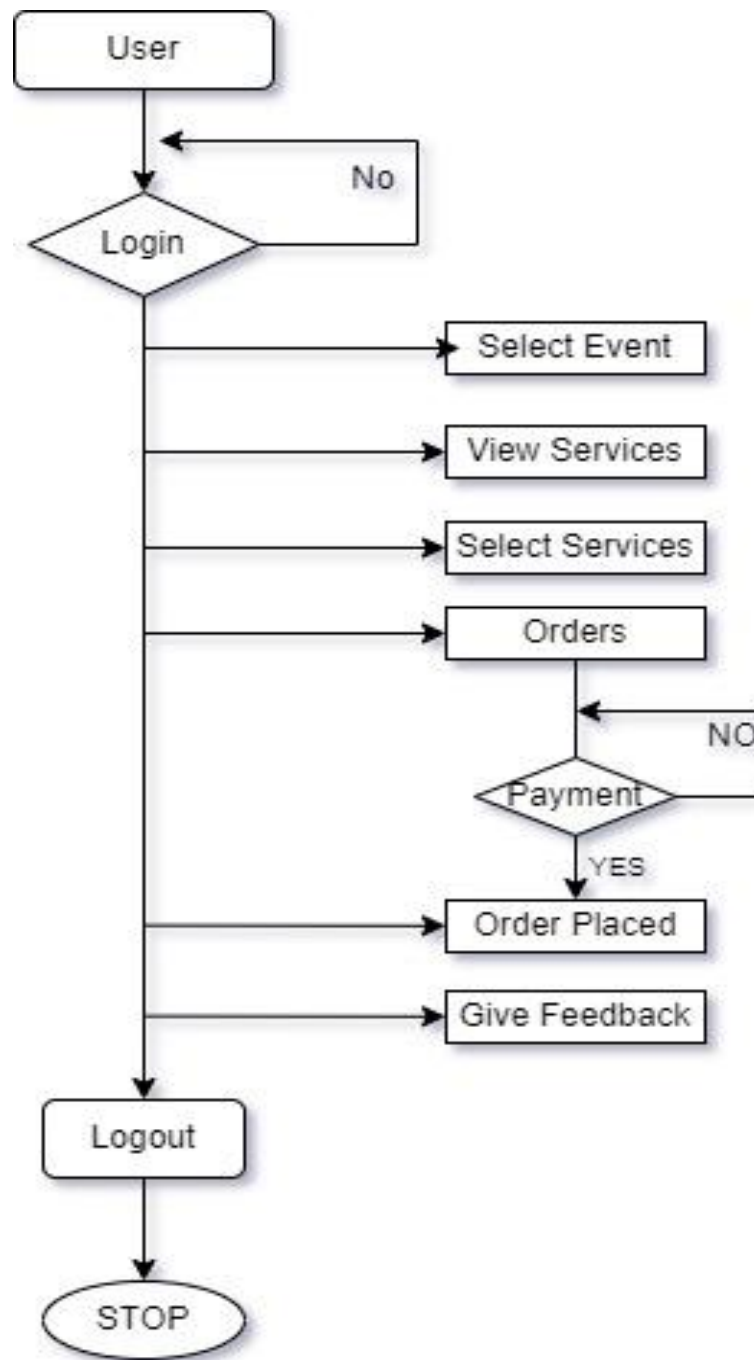


Fig. Data Flow Diagram(DFD) of User

**6.1.3) Vendor:**
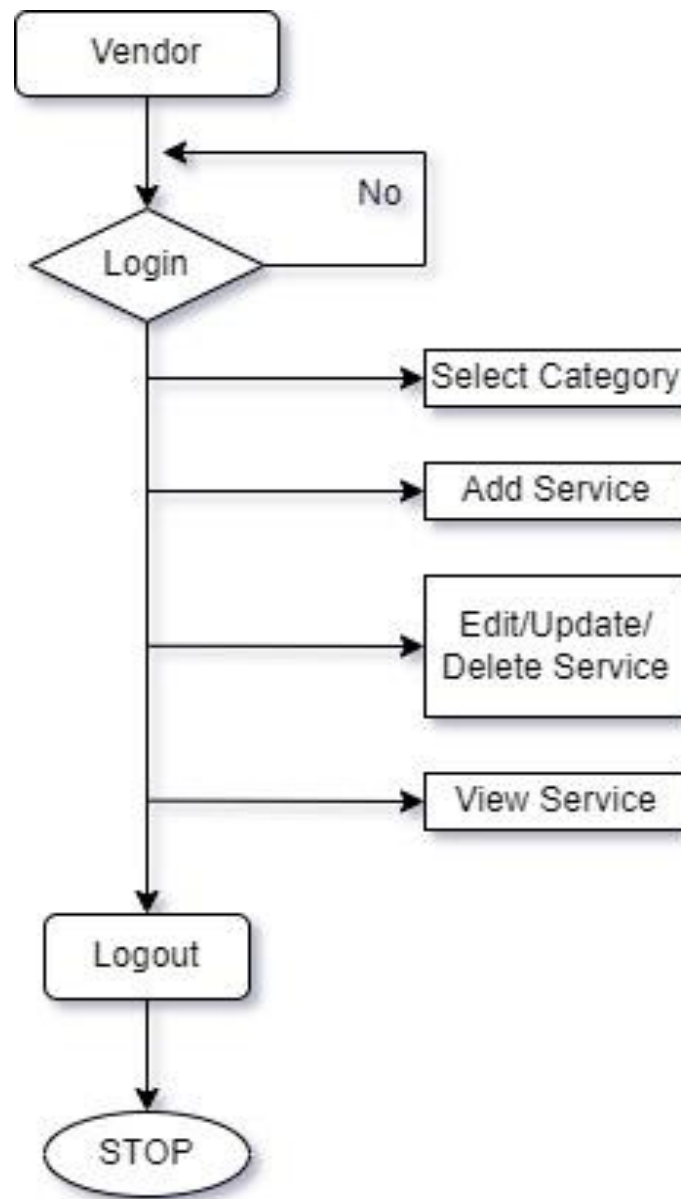


Fig. Data Flow Diagram(DFD) of Vendor

## 6.2 Entity Relationship Diagram(ERD):-
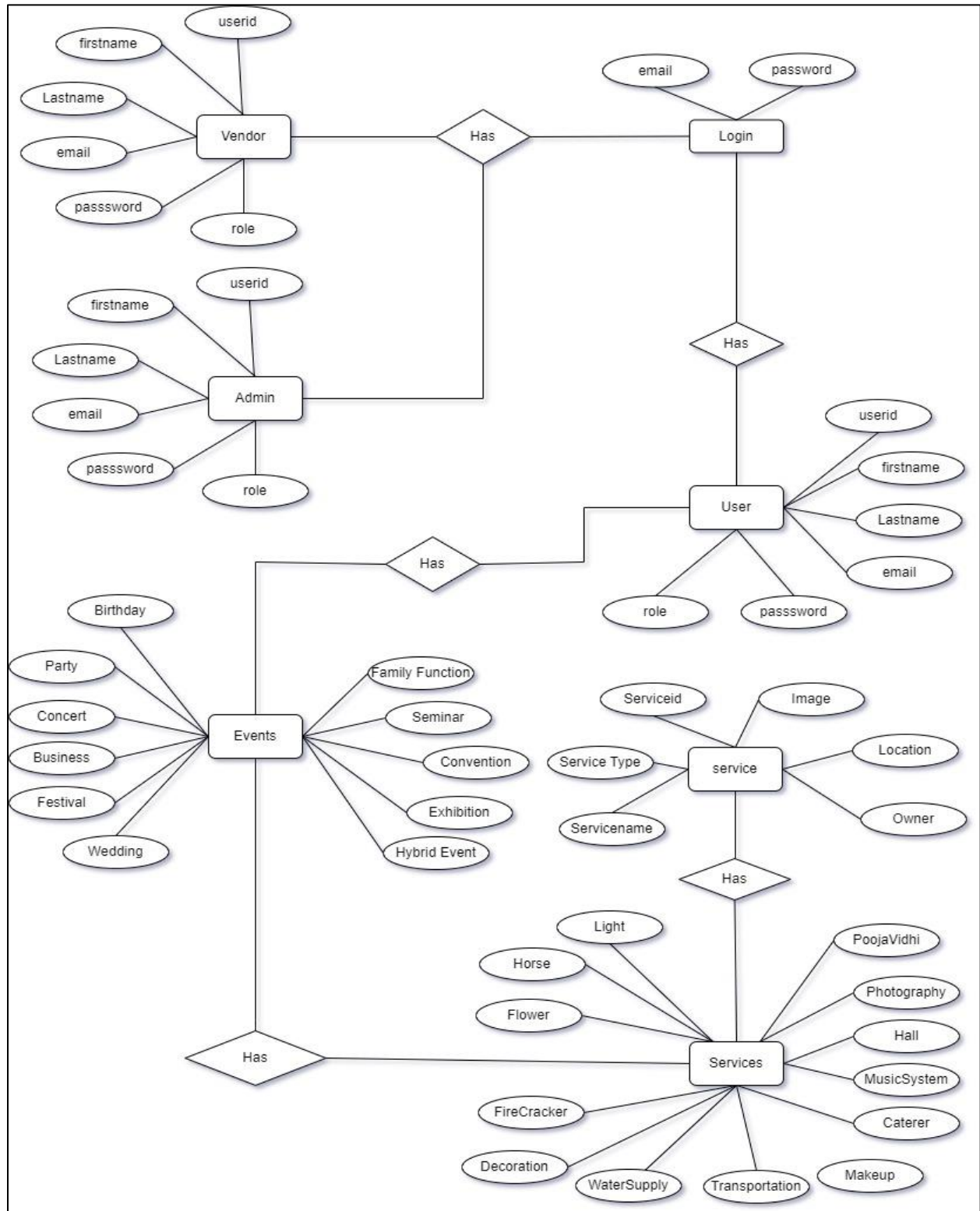


Fig. 6.2 Entity Relationship Diagram

## 6.3 Use Case Diagram:-
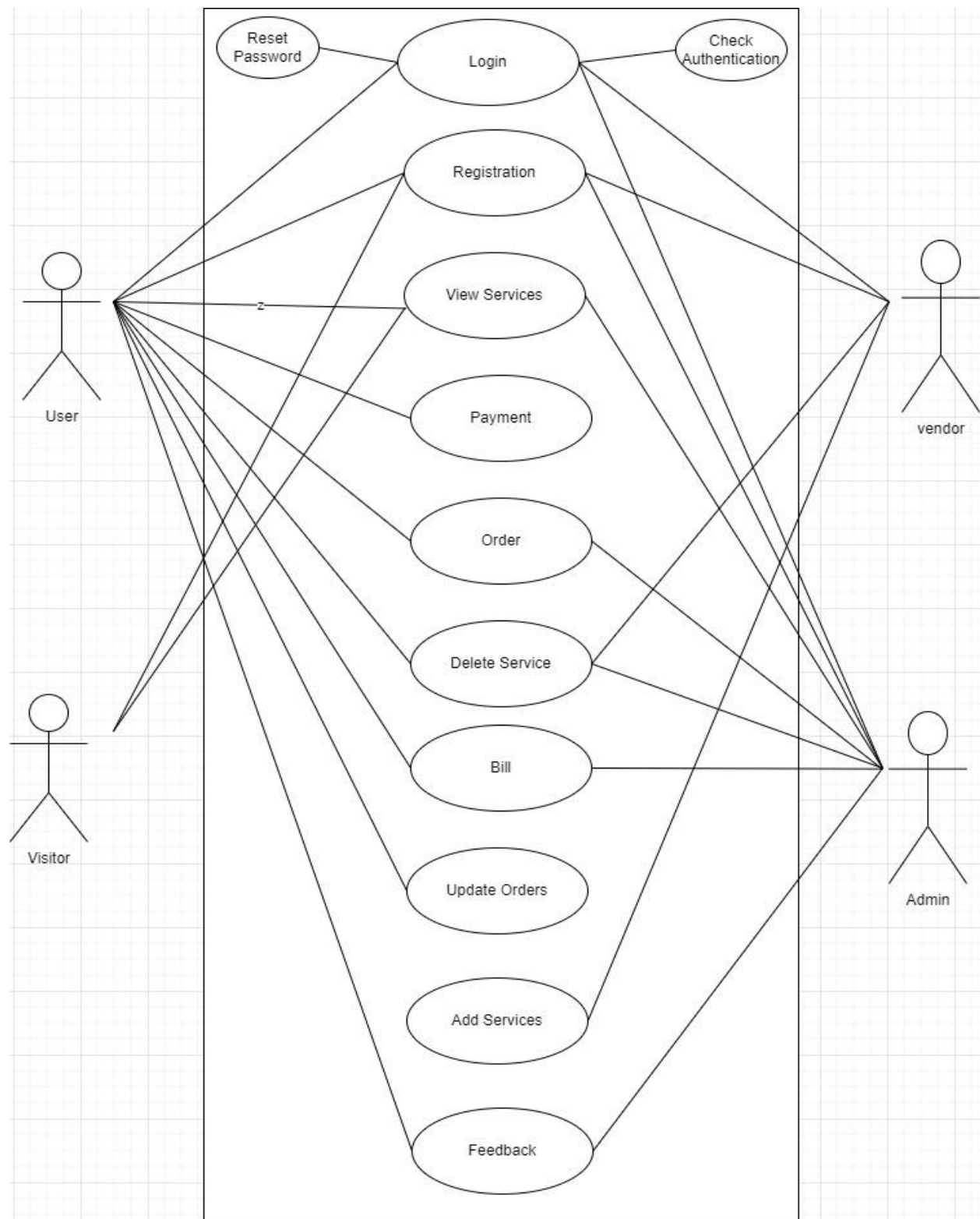


Fig. 6.3 Use Case Diagram Event Management Portal

## 6.4 <u>Class Diagram</u>:-
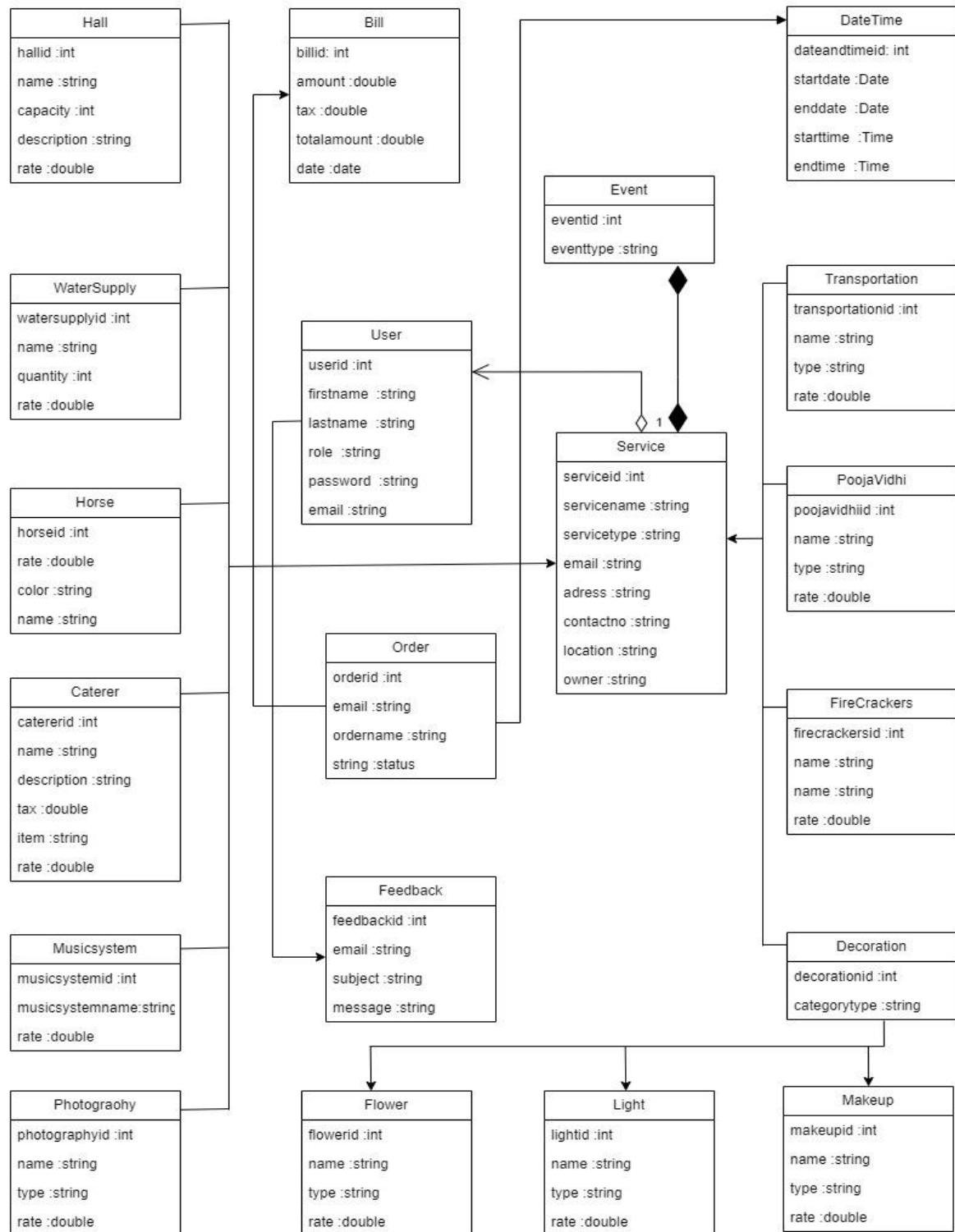


Fig 6.4 Class Diagram for Event Management Portal

## 6.5 <u>Sequence Diagrams:-</u>

## 6.5.1 User select service and get confirmation:
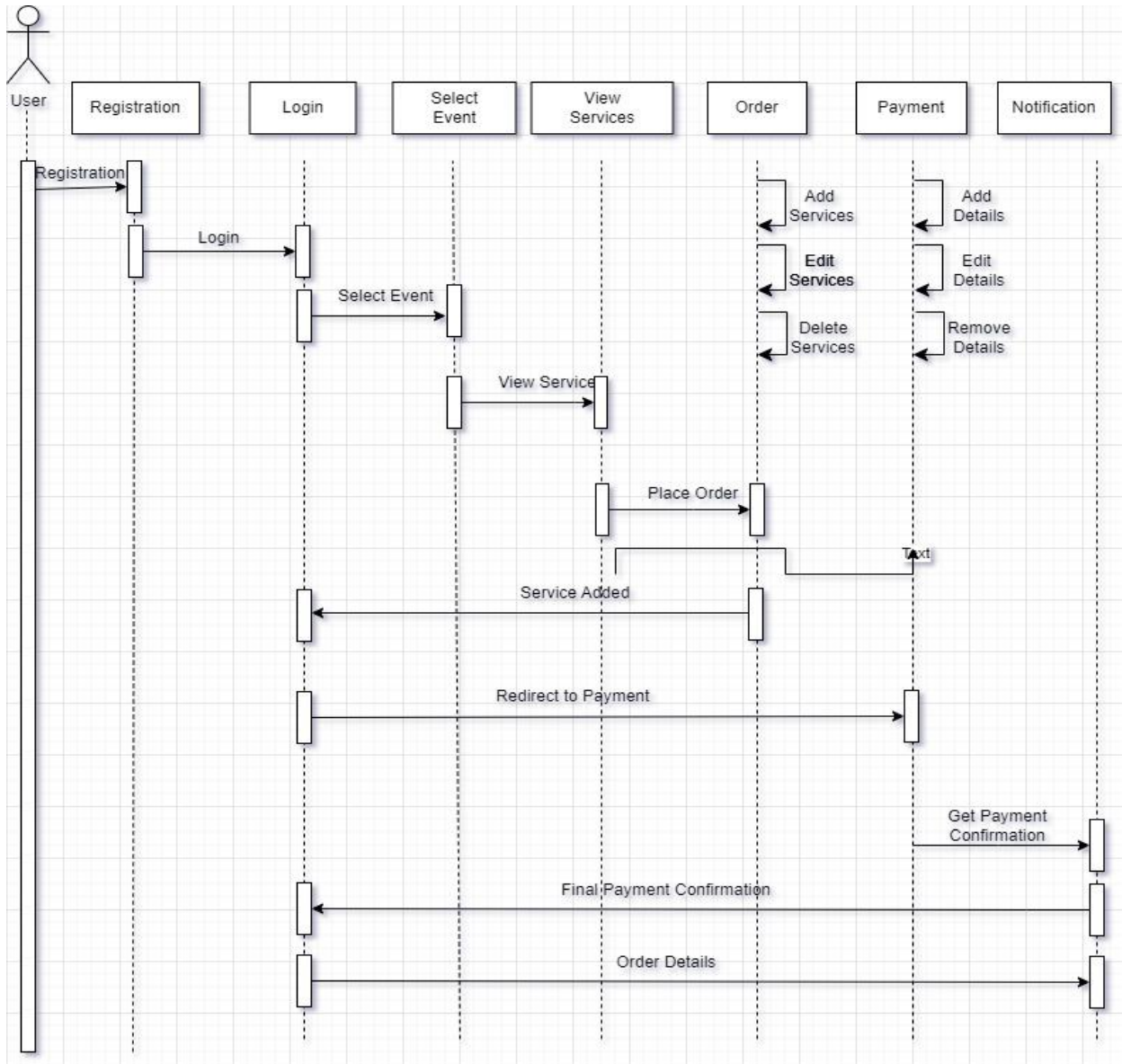


Fig. 6.5.1 User select service and get confirmation

## 6.5.2  Sequence Diagram for Admin:
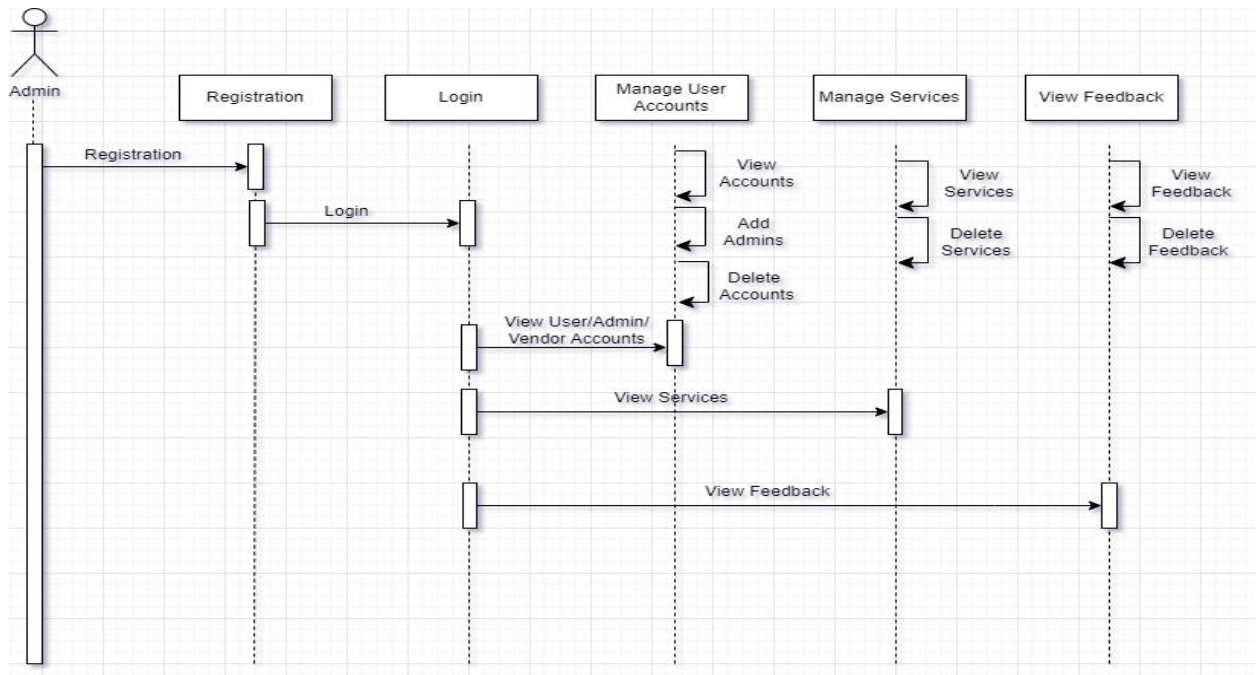


Fig. 6.5.2 Sequence Diagram for Admin

## 6.5.3  Vendor  add service and get confirmation:
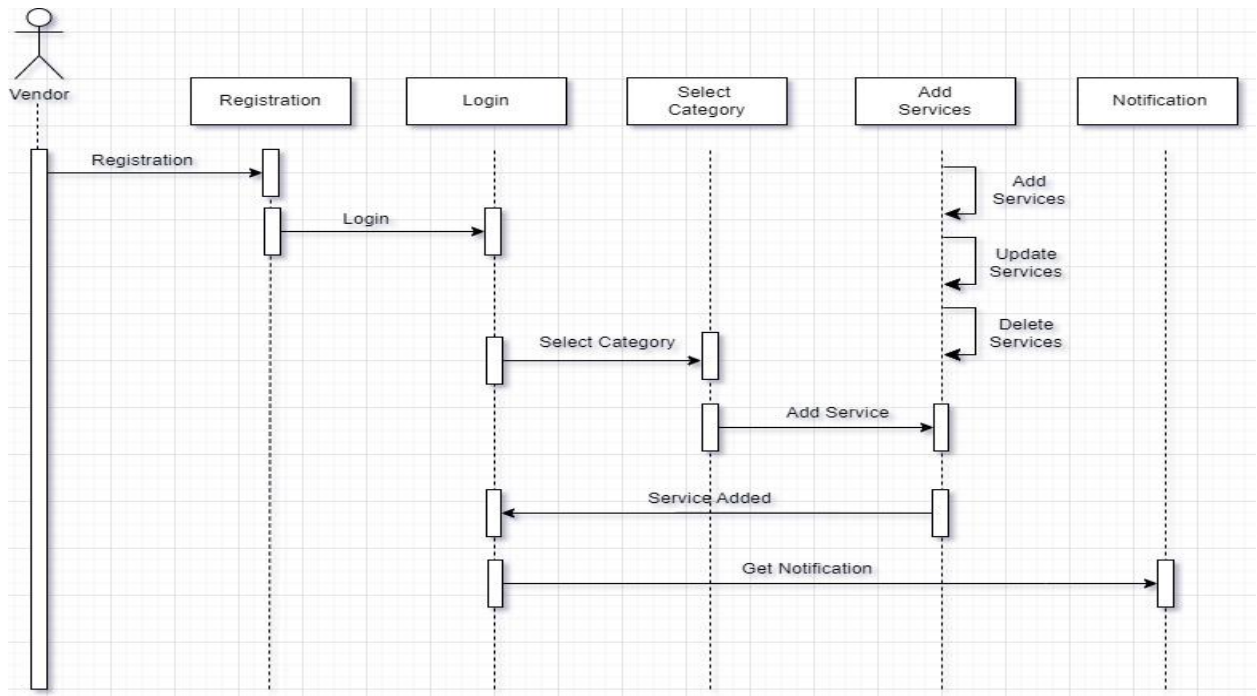


Fig. 6.5.3 Vendor  add service and get confirmation

## 6.6 Activity Diagram:-

### 6.6.1) Admin:
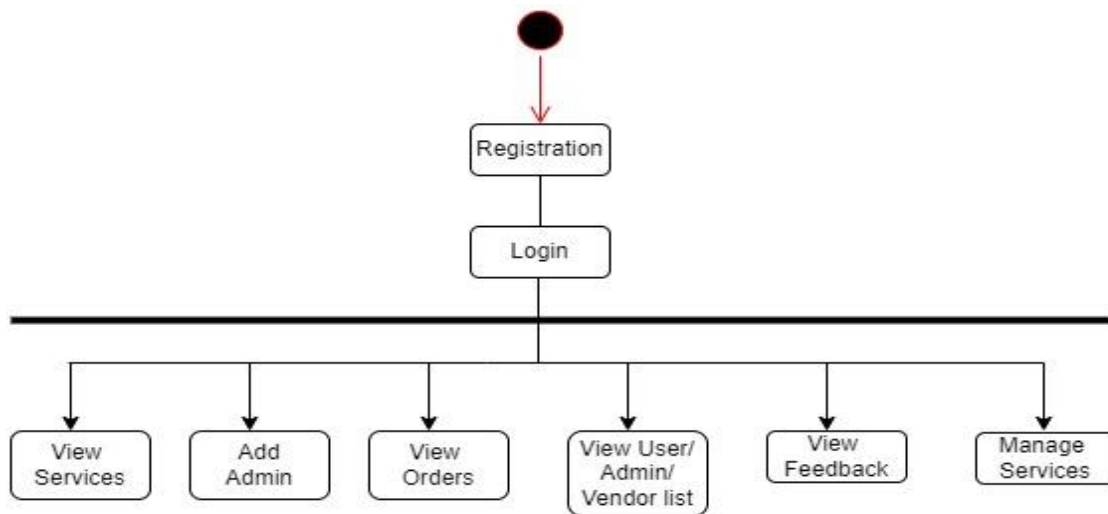


### 6.6.2) User:
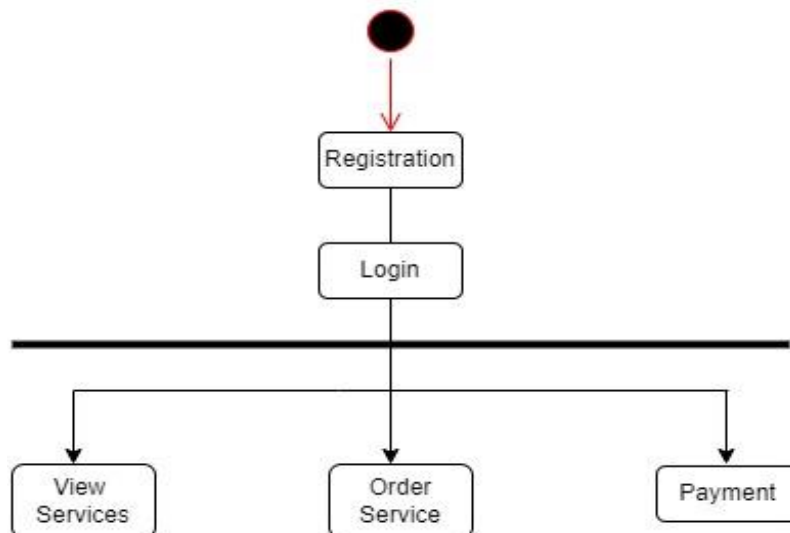
**6.6.3) Vendor:**
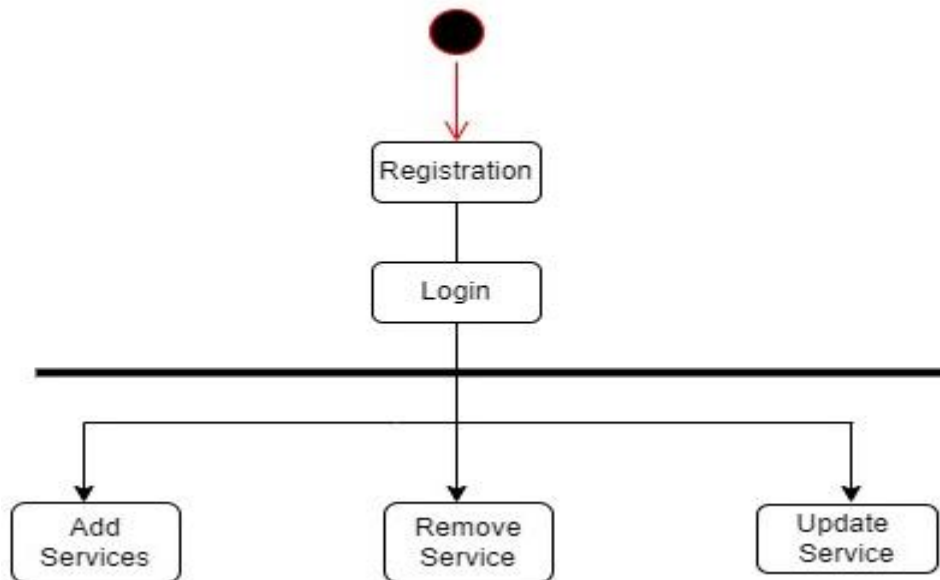


**6.6.4)  Visitor:**
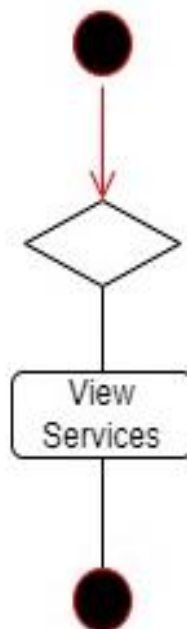
## 6.7) <u>Architecture Diagram:-</u>
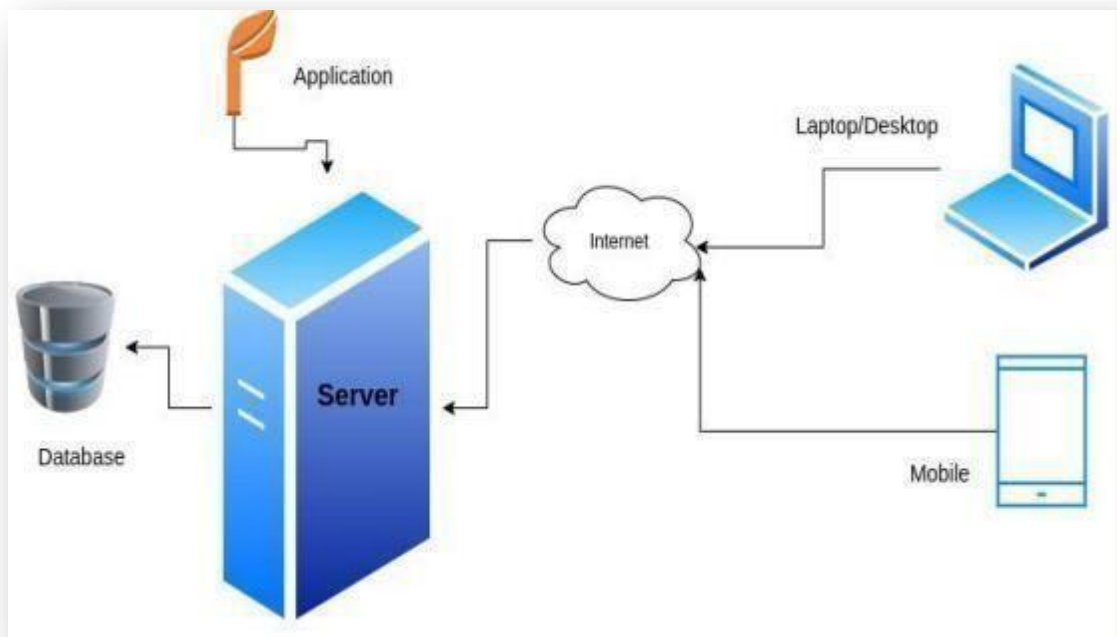


Fig. 6.7 Architecture Diagram for Event Management Portal
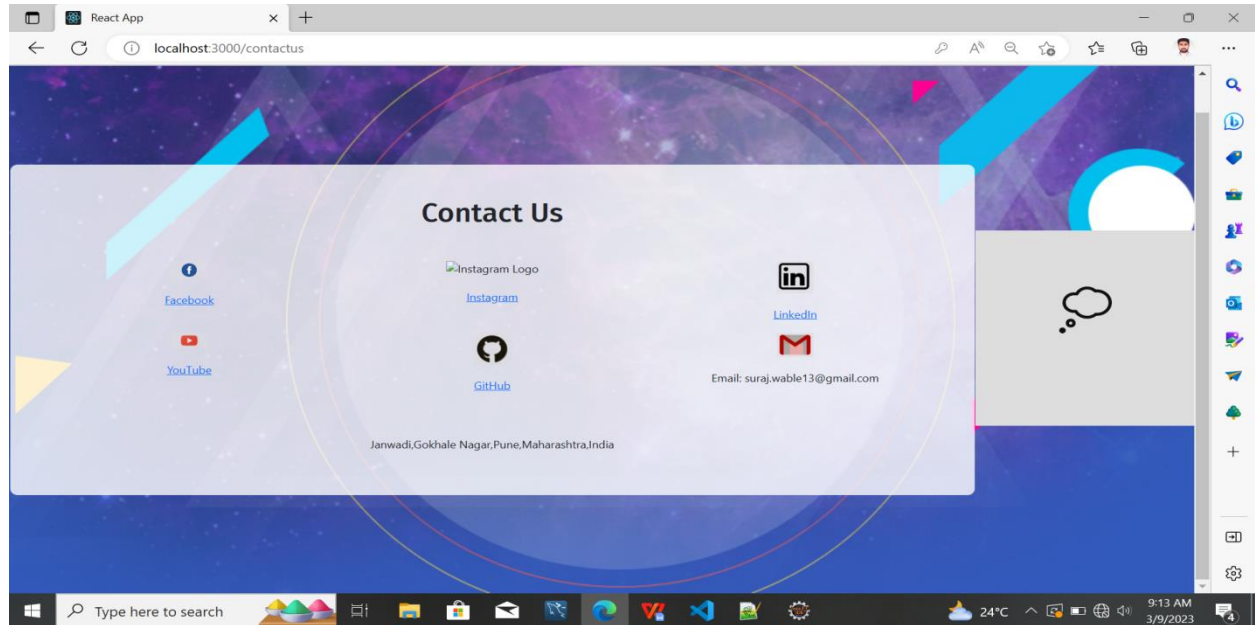
# 7.Photographs

## 1. Home Page
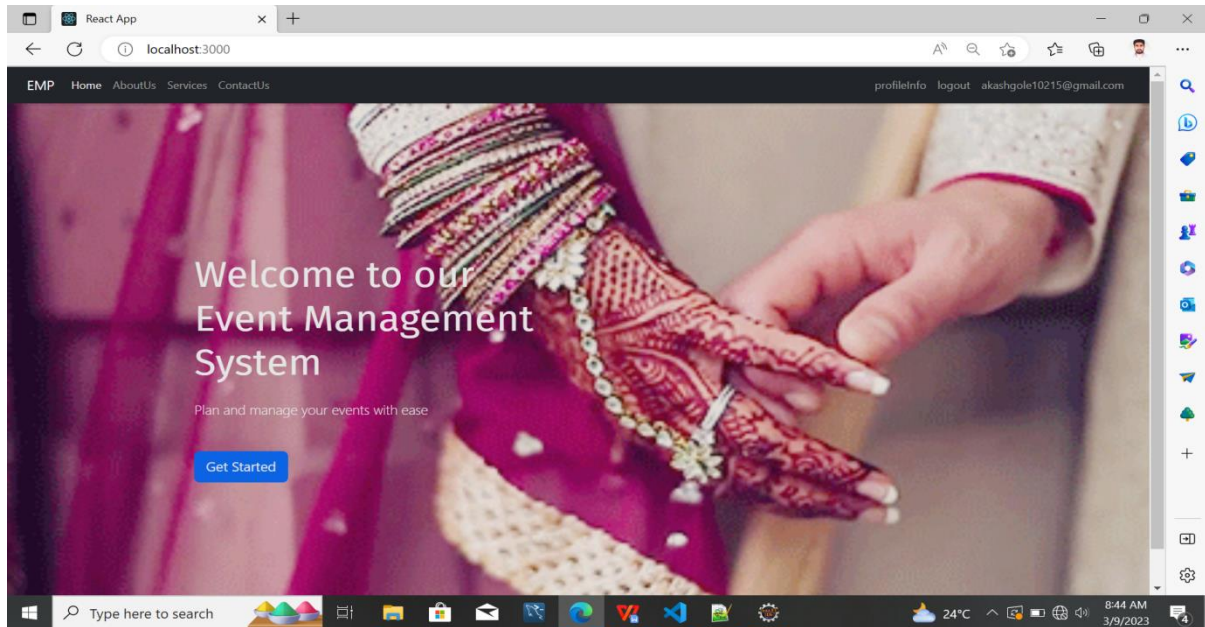


## 2. AboutUs
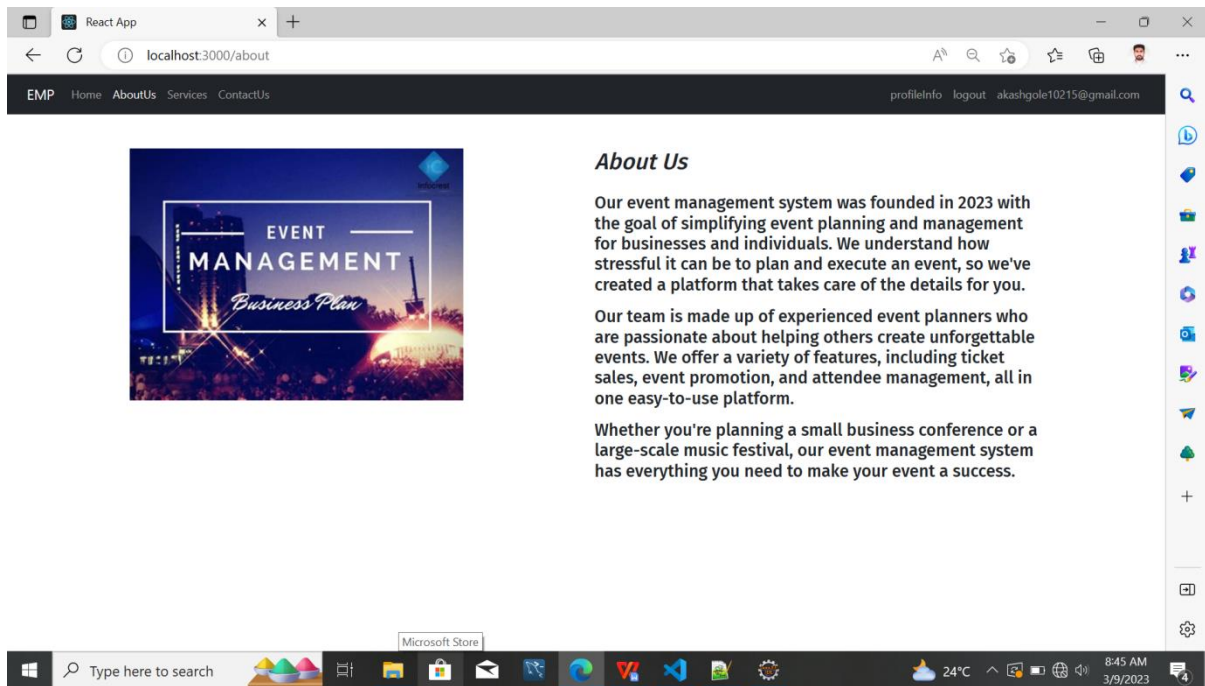
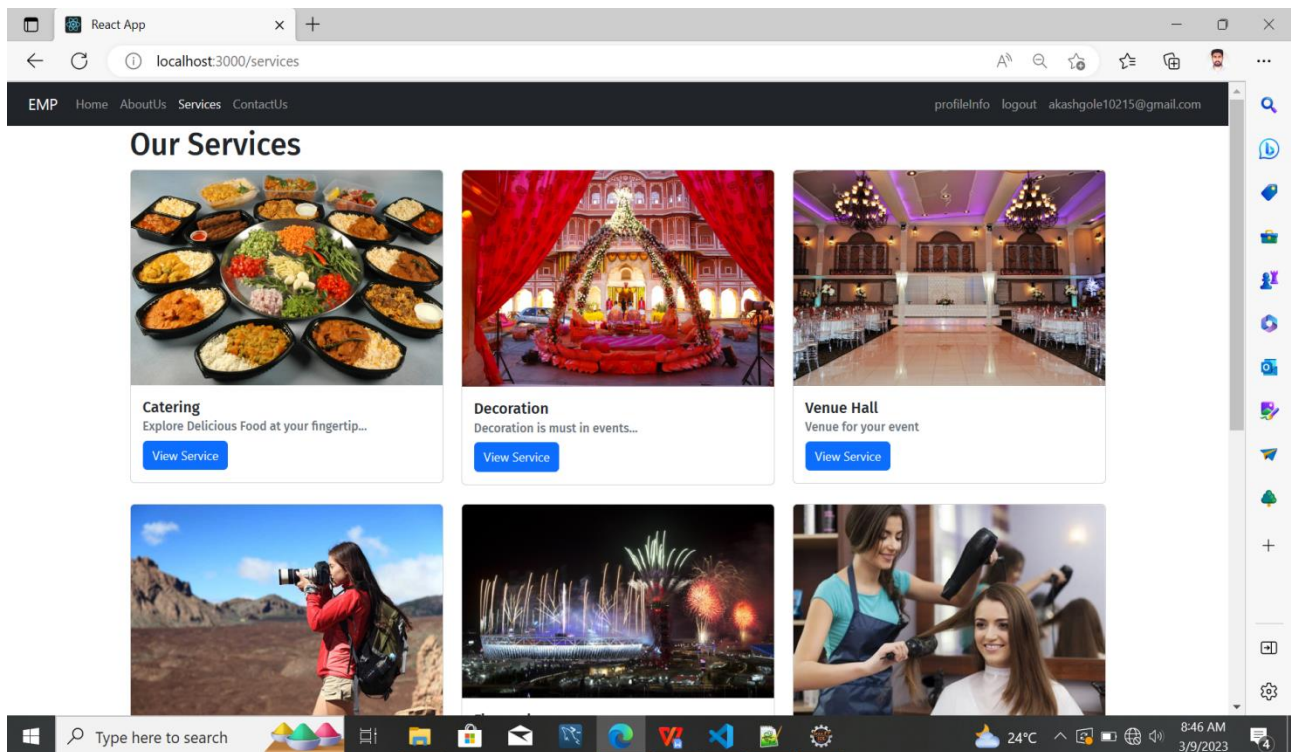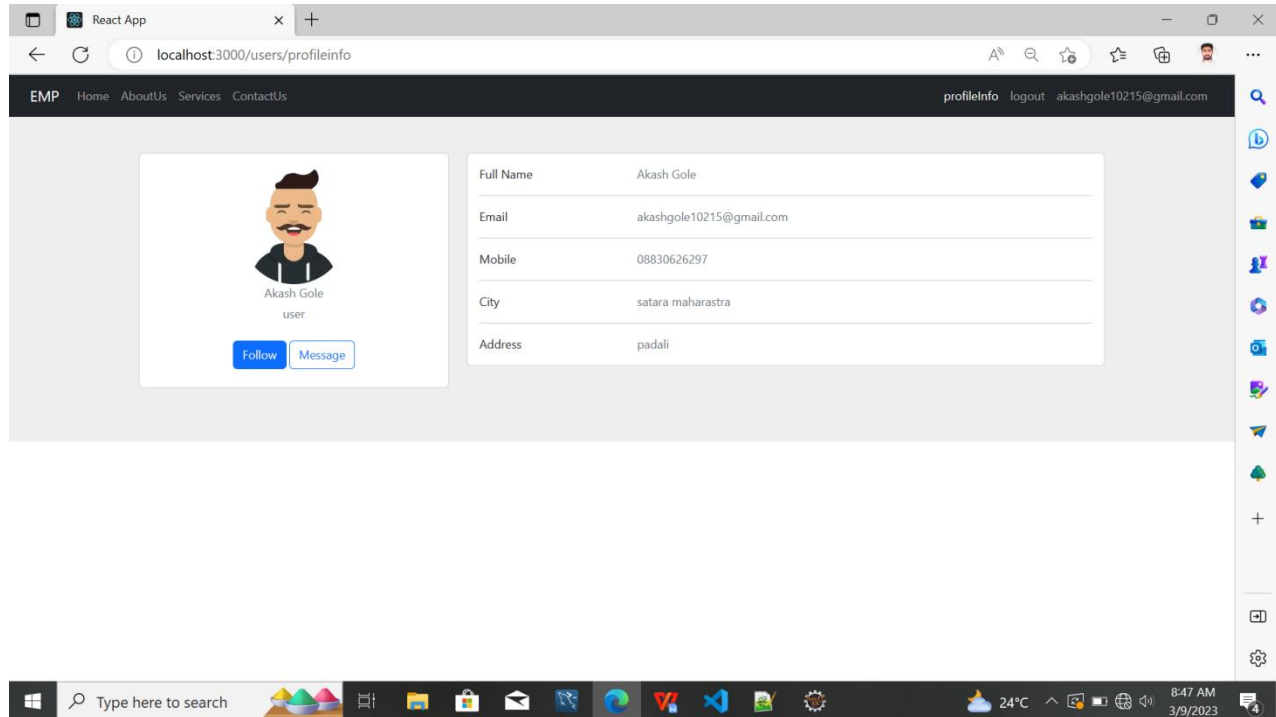# 3. Contactus



# 4. Registration
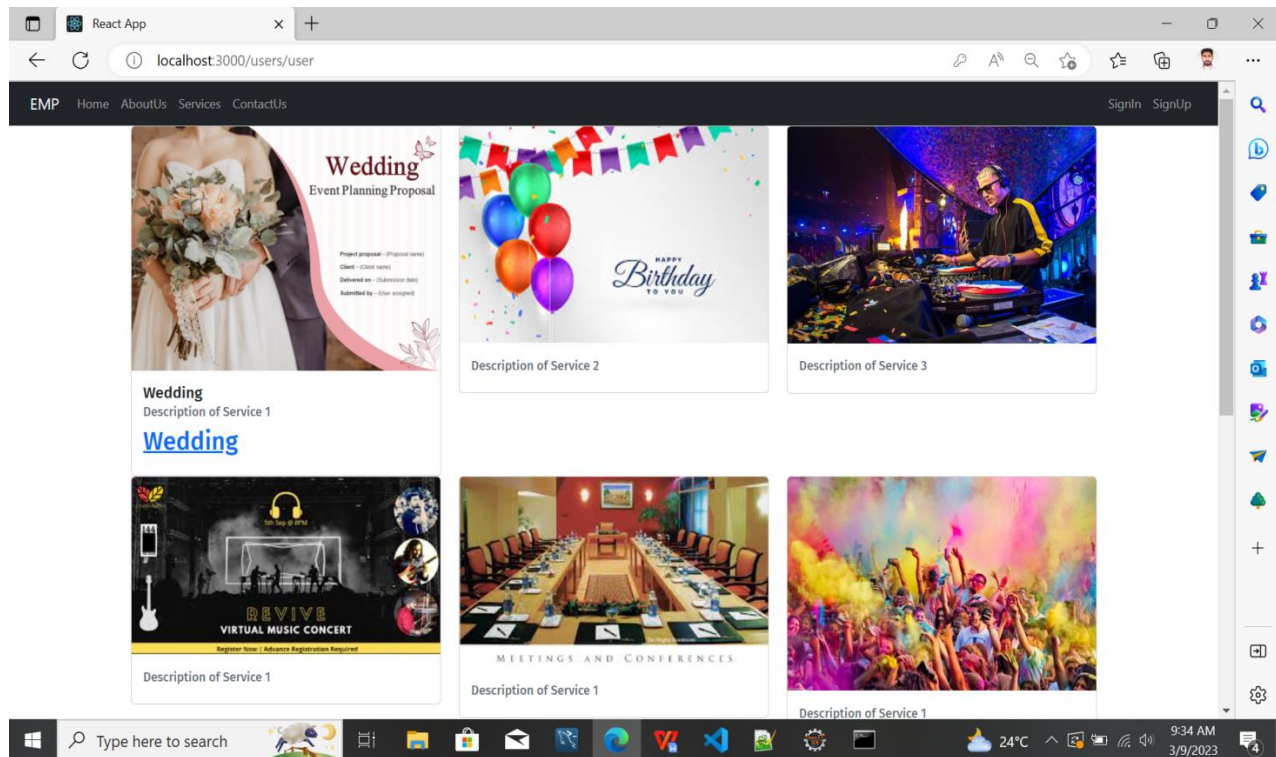
# 5. Login
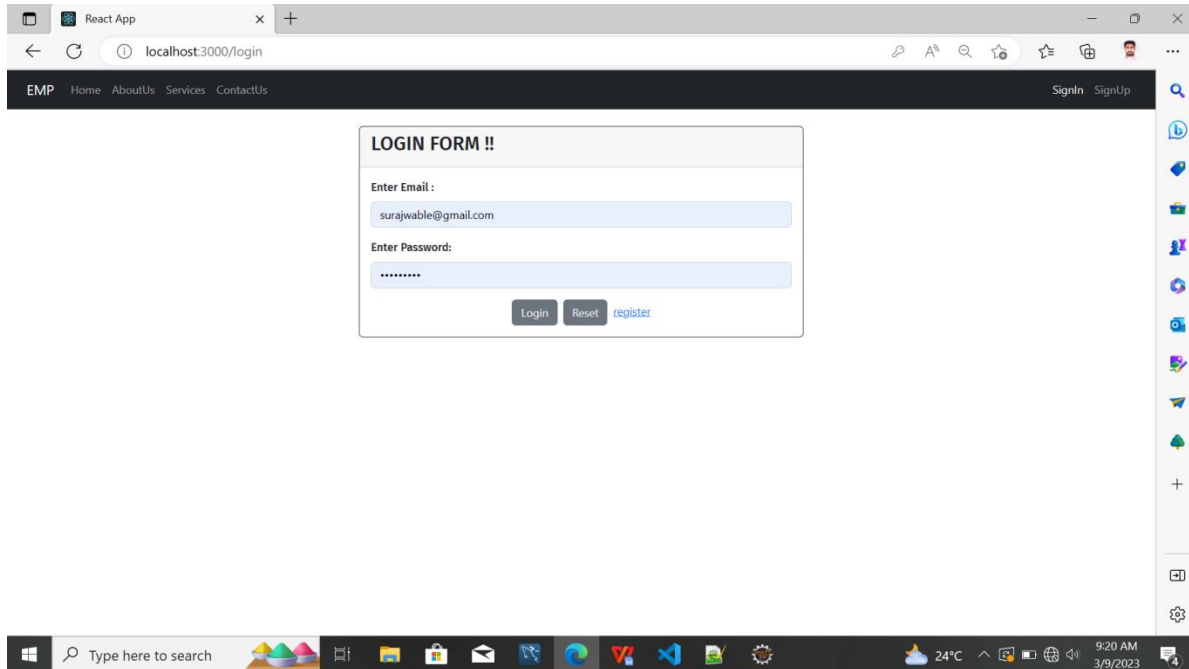


# 6. Services

## 7.UserProfile:



## 8.Event List:

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