

ABSTRACT

The **Event Management System** is a comprehensive web-based platform designed to streamline the process of organizing, managing, and executing various types of events. The system serves as a centralized hub connecting users (event requesters), event managers (coordinators), and service providers such as **venue owners**, **caterers**, and **photographers**.

A. User Role

Users can browse available dates and times, and book an event by submitting a request to an **Event Manager**. During the booking process, users provide event details such as type, expected attendees, preferred venue, and budget.

B. Event Manager Role

Event Managers serve as coordinators who handle the complete execution of the booked event. Their responsibilities include:

- Reviewing user requests and confirming availability.
- Coordinating with **venue owners**, **caterers**, and **photographers** based on the requirements and date.
- Managing contracts, scheduling, and logistics for all involved service providers.
- Keeping the user updated with progress and confirmations.

C. Service Providers

The system maintains an up-to-date database of:

- **Venues** with location, capacity, and availability.
- **Catering services** with menus and pricing.
- **Photographers** with portfolios and booking rates.

Event Managers use this data to efficiently assign and manage service providers for each event, ensuring smooth execution.

System Capabilities

- **Role-based access:** Different dashboards and permissions for Users, Event Managers, and Admins.
- **Smart booking engine:** Matches event needs with available service providers.
- **Calendar integration:** Track event timelines and resource allocation.
- **Communication module:** Messaging and notifications for updates and approvals.

MODULES

1. Event Manager

Role:

The **Event Manager** acts as the coordinator and main handler of the event from the moment a user submits a booking request. They are responsible for organizing and managing all aspects of the event, liaising between the user and service providers.

Key Functionalities:

- **Dashboard:**
 - View all incoming event requests.
 - Accept or decline based on availability.
- **Event Planning:**
 - Assign and book available **venues, caterers, and photographers**.
 - Manage timelines, schedules, and tasks.
- **Resource Management:**
 - Access and update the database of service providers.
 - Ensure that all bookings are confirmed and logistics are in place.
- **Reporting & Analytics:**
 - View event status summaries, upcoming deadlines, and overall performance.

2. Users/Clients

Role:

The **User** is the person or client who wants to organize an event (e.g., wedding, birthday, corporate meeting). This module allows users to initiate and monitor their event requests.

Key Functionalities:

- **Register/Login:** Create an account, securely log in, and manage their profile.
- **Browse & Book Events:**
 - Choose date, time, event type, and location preferences.
 - Submit event request to Event Manager with specifications (e.g., expected guests, services required).
- **View Event Status:**
 - Track event planning progress.
 - View assigned venue, caterer, photographer, etc.

3. Service Providers

Role:

The **Service Providers** are third-party vendors who are contracted by the Event Manager to fulfil specific roles during the event. This includes **Venue Owners**, **Caterers**, and **Photographers**.

Key Functionalities:

- **Vendor Registration:** Create an account, securely log in, and manage their profile.
- **Service Profile:**
 - Provide details such as services offered, rates, availability, capacity, and location.
 - Upload media (menus, venue photos, portfolios).
- **Availability Management:**
 - Set available dates/times.
 - Update service availability calendar.
- **Booking Confirmations:**
 - Accept or reject booking requests from Event Managers.
- **Work History & Feedback:**
 - View past assignments and user feedback.
 - Maintain a rating or performance record.

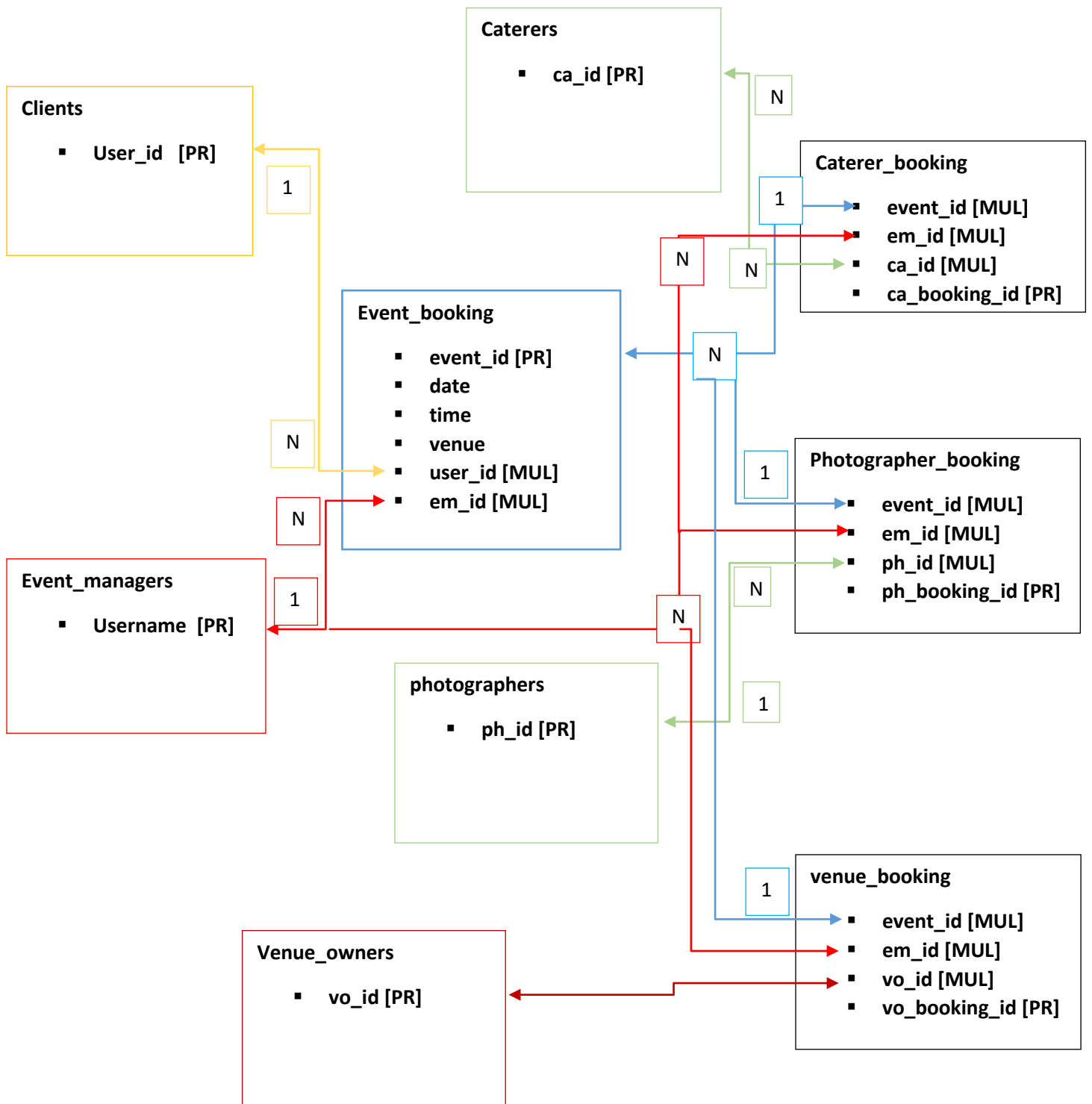
Module	Initiates	Coordinates With	Receives Updates
User	Event request	Event Manager	Status, Confirmation
Event Manager	Event planning	Service Providers & User	Confirmation, Feedback
Service Provider	Service data	Event Manager	Booking requests

ABSTRACT

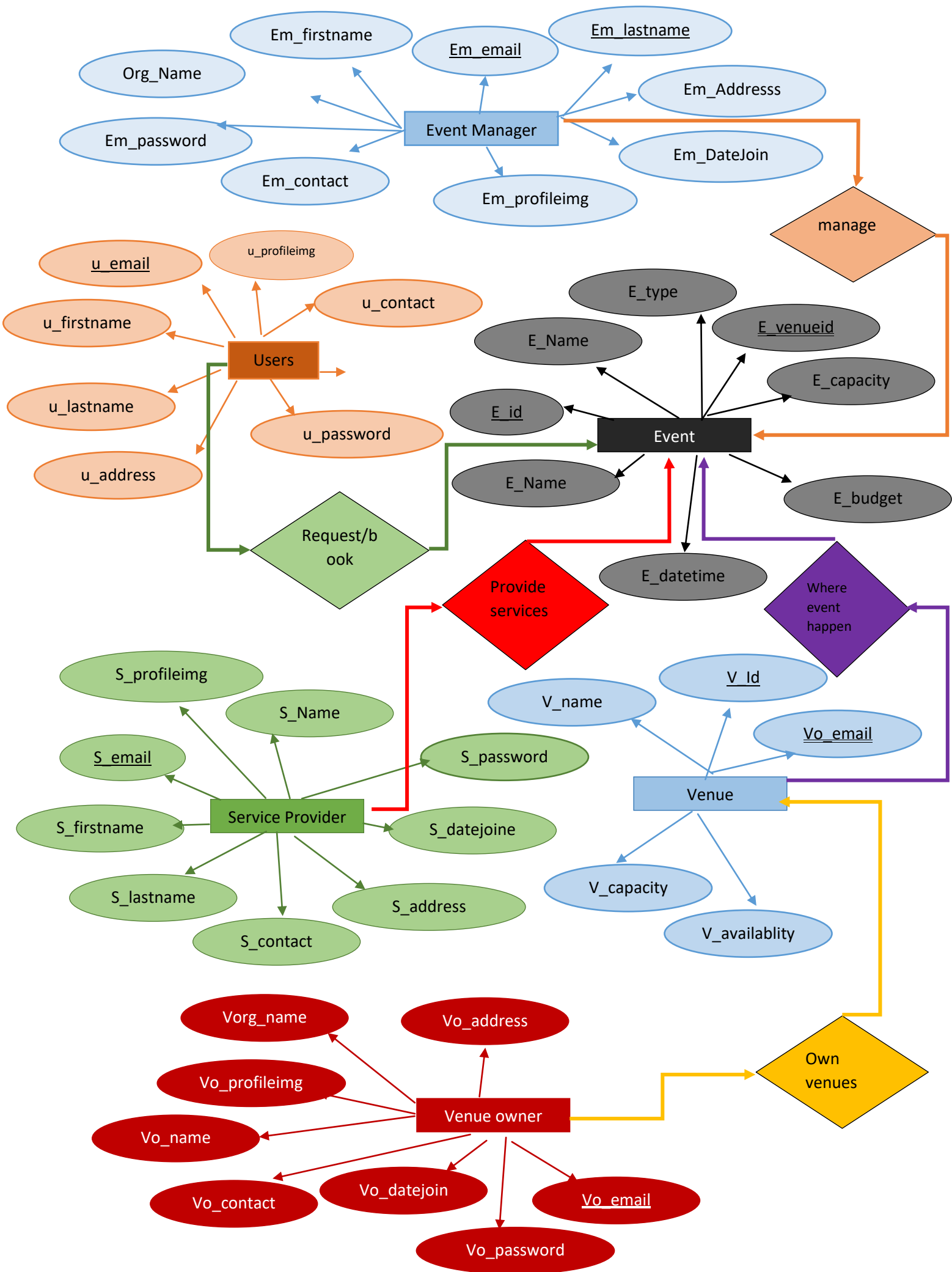
ER Diagram

ABSTRACT

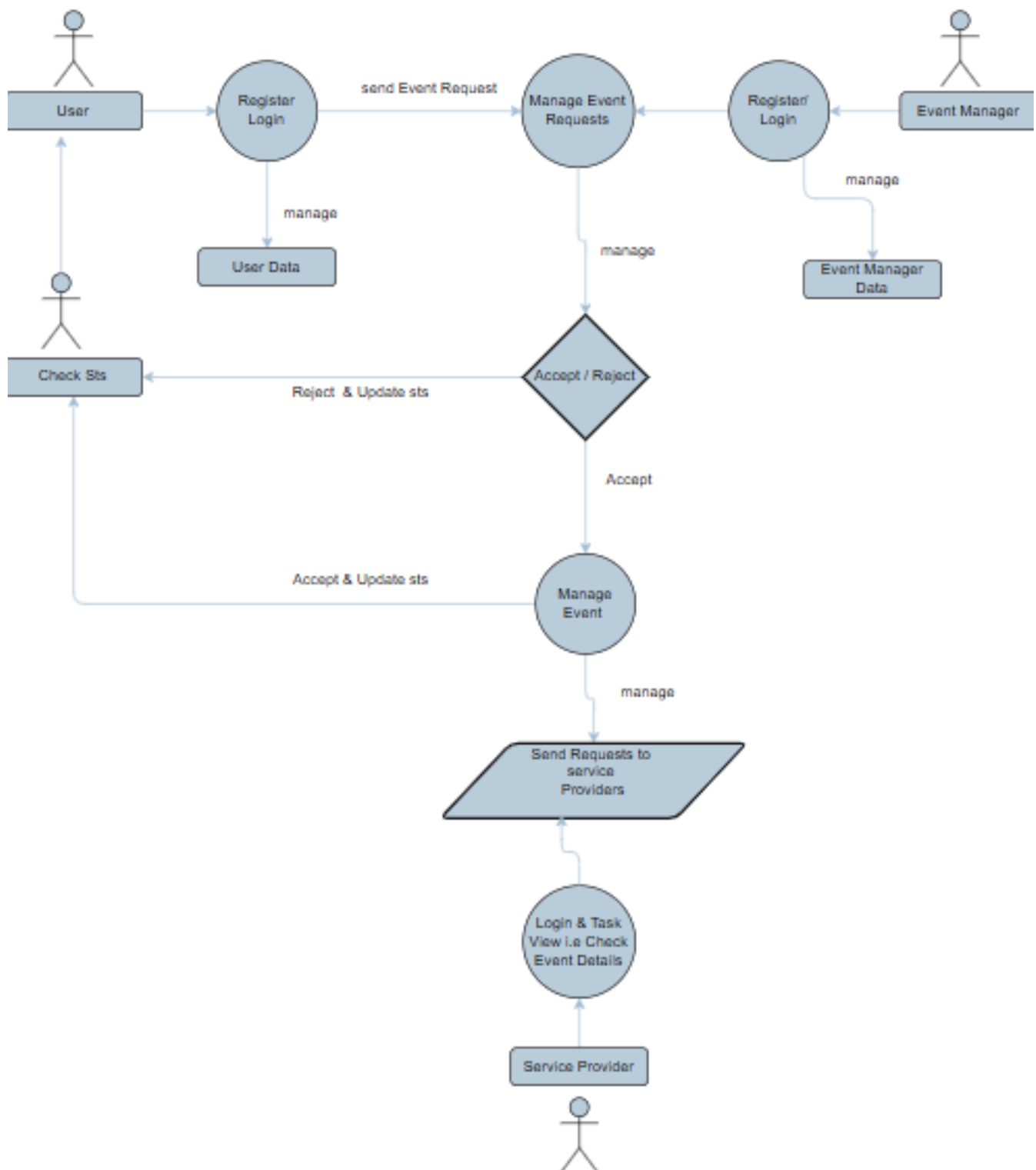
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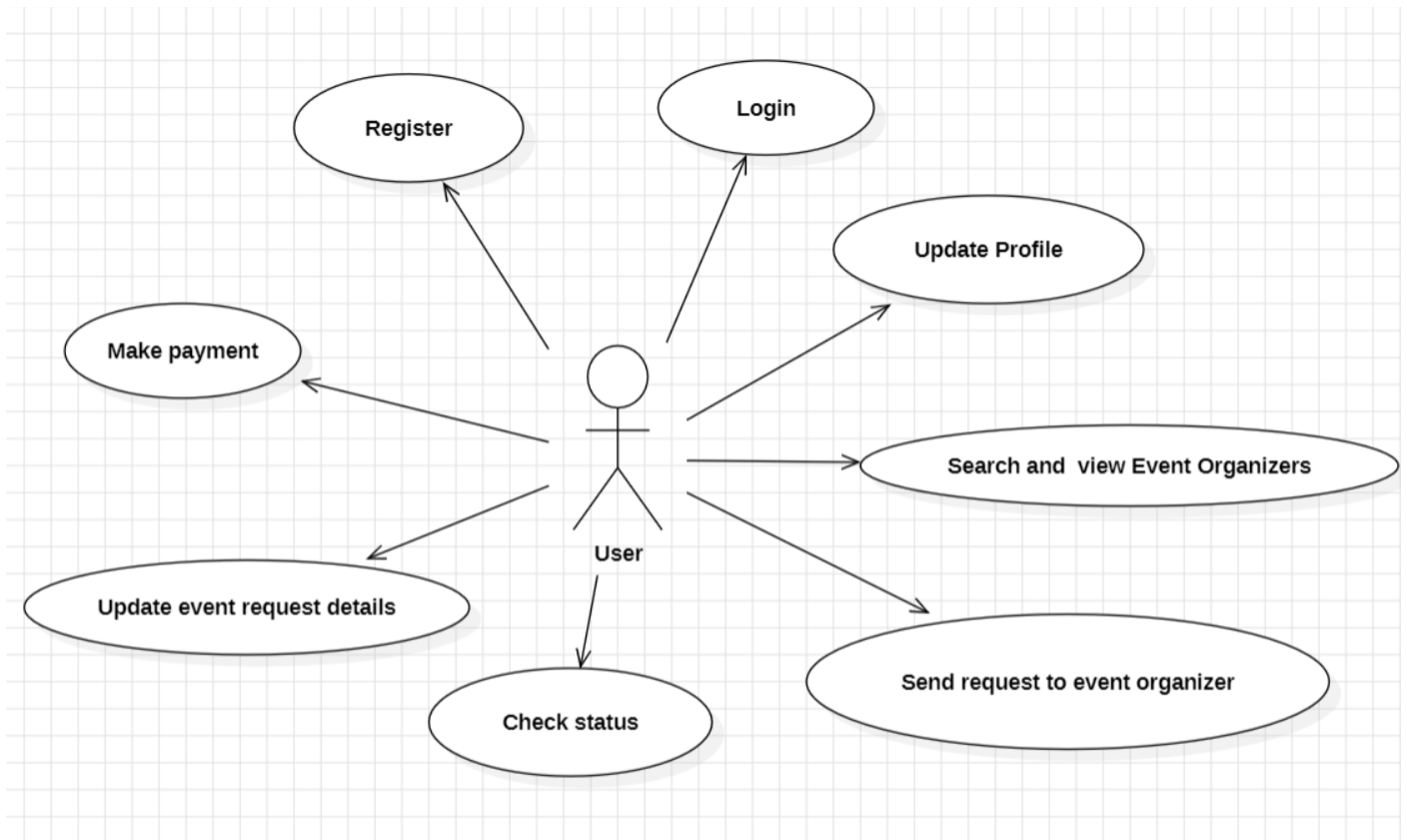
ER Diagram



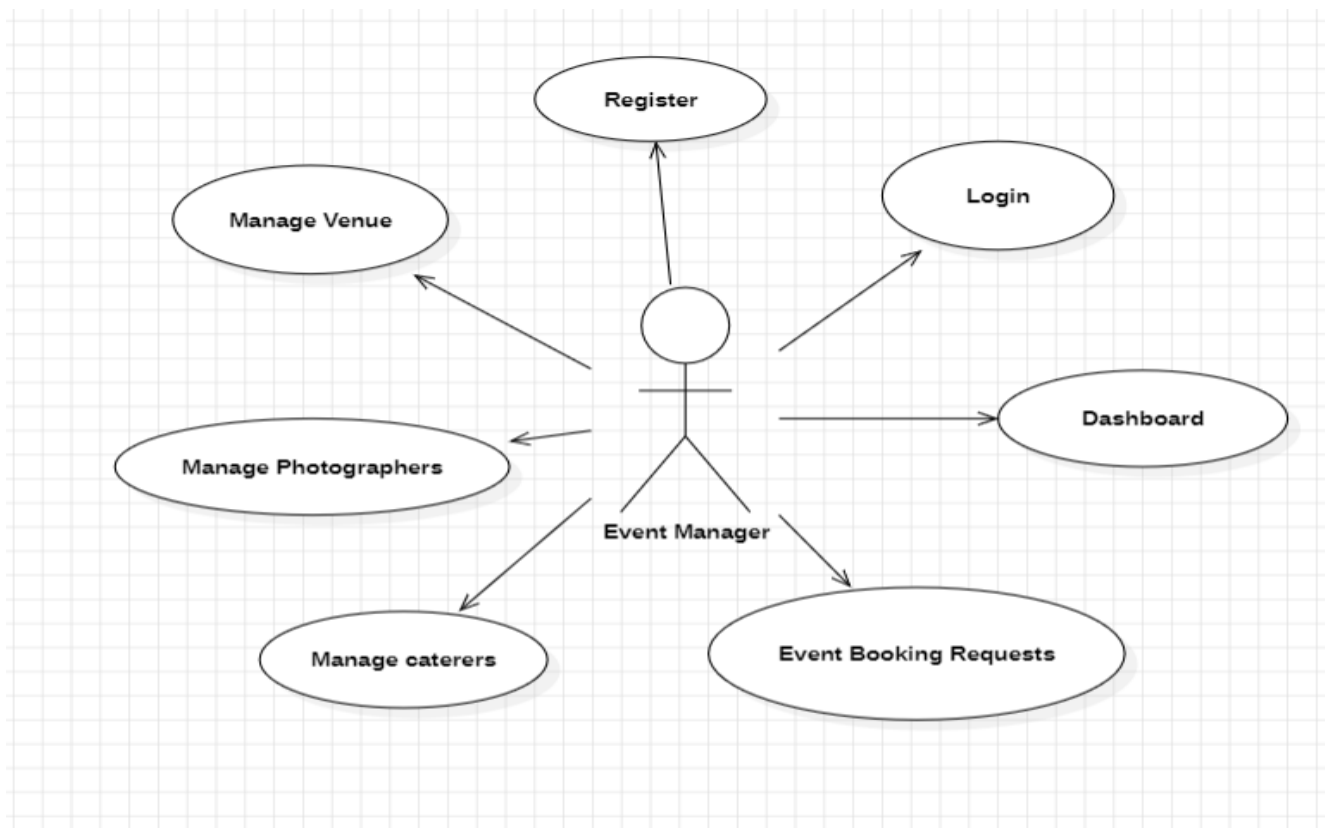
DATA FLOW DIAGRAM



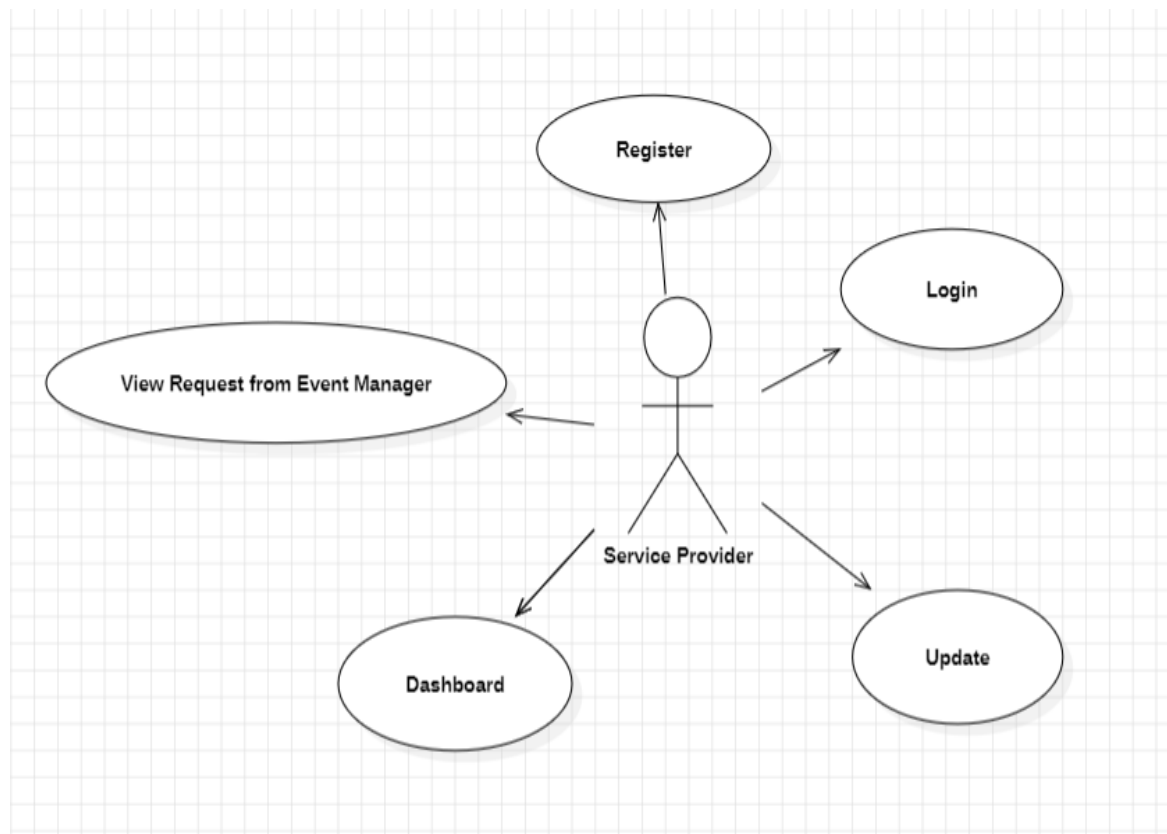
Use Cases



(dig 1. user)



(dig 2. Event manager)



(dig 3. Event manager)

ACTIVITY / LAYOUT DESIGN (ROUGH)

User:

Register

Login

Update profile

Search and view event organizers

Send request to event organizer

Check status

Update event request details

Make payment

Event Management System

First Name:

Last Name:

Contact:

Email:

Password:

Sign Up

Sign In

Contact:

Password:

Sign In

User Index:

Event Management System

[Home](#)

[Organizers](#)

[Notifications](#)

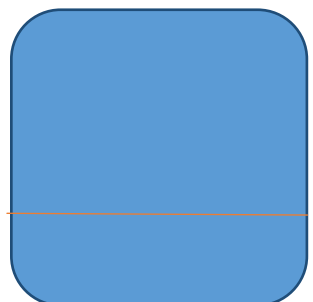
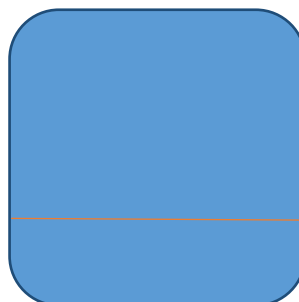
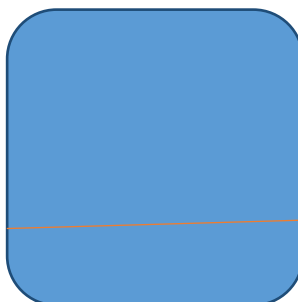
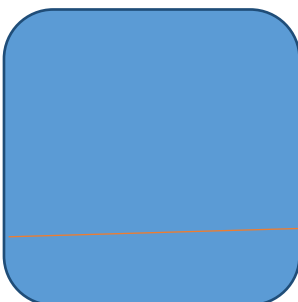
[Bookings](#)



Search For Event Organizers..

Search

Search Results



Event Management System

[Organizers](#)

Categorye1

Categorye2

Categorye3

Categorye4

Categories >

Book >

Book >

Book >

Book >

Event Management System

[Notifications](#)

Reply text

Send>

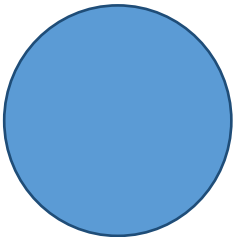
Reply >

Reply >

Event Management System

[Booking details](#)

Sr no	Event Name	Event Organizer	Date	Time	venue	Payment status	Action



First Name	Last Name
Contact	
Email	
Address	
	update



Event Name	
Date	Time
Capacity	Budget
How do you like to Decorate.	
	Book Edit

Event Manager

Register

Login

Dashboard

Event Booking Requests

Accept: get Details from user, assign venue, caterer(optional), photographer(optional),

Reject: update status =0;

Manage caterers

update, delete, view

Manage Photographers

update, delete, view

Manage Venue

update, delete, view

Register and login page for event manager

Event Management System

Company Name:

First Name:

Last Name:

Contact:

Email:

Address:

Password:

Register

Email:

Password:

Login

Change password form for all end users

Old pass

New Pass

Confirm Pass

Change

Event Management System

Dashboard

Event Requests

Manage Caterers

Manage Photographers

Manage Venues

Profile

Logout

Dashboard

Event Requests

Venue Lists

Caterers

Photographers

Event Management System

[Event Requests](#)

Sr no	User Name	Event Type	Date	time	budget	View	Accept	Reject

The diagram illustrates a simple neural network architecture within a rounded rectangular frame. At the top, there are two blue circular nodes representing input or hidden layers. Below these nodes, there are two rectangular boxes: an orange box on the left labeled "Reject" and a green box on the right labeled "Accept". At the bottom of the frame, there is a single white rectangular box with a black border labeled "Write response".

Update

[illegible]

Event Name

Date

Time

budget

Message

Clear

Send

Service providers

Register

Login

Update

Dashboard

View request from event Manager [Accept /Reject]

Event Management System

[Dashboard](#)

Profile

Dashboard

Orders

Logout

Orders

Booked Dates / History

Event Management System

[Register as Service Provider](#)

First Name

Last Name

Contact

Email

Password

Address

Clear

Register

Event Management System

[Register as Service Provider](#)

Email

Password

Login

[Forgot Password](#)

First Name

Last Name

Contact

Email

Password

Address

Clear

Update

Search

Search

Sr	Name	Event	Date	Time	Proposed rate	Accept	Reject