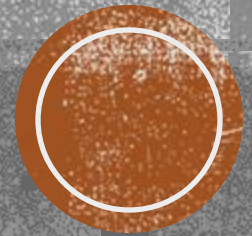


Group project presentation

- **Aman Regmi**
- **Jharana Manandhar**
- **Devid Karki**



Project Name

Event Management System

PROJECT CHARTER

Project Purpose:

Event Management System is an application for users and organizers for making process of managing events online and in simple way. In which, anyone who wants to book event at various available venues or who wants to list his or her property as venue can register. It provides ease in booking events at any venue as per users wish and it is completely online. Event Management is one of the most important things which will be carried out by event organizers. There are various events that can be organized by organizers for their customers. Once a user logs in he or she can check the available venues, check cost of each venue, food items and equipment provided by the organizers or venue owner, book event at venue and can make payments online. On the other hand, organizers can keep records of events booked on their venue.

Anticipated Completion

Within 6 months of project initiation

Approved Budget:

Up to \$50,000.



KEY PARTICIPANTS

| Participant | Position | Primary Responsibilities |
|-------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jharana Manandhar | Project Manager | Organize, plan, and manage the entire project, from activity and resource planning to meet deliveries within the timeframe. |
| Devid Karki | Team lead | Assisting the product's success through the SDLC processes and motivating the team. |
| Aman Regmi | Developer and Logistic Administrator | Implementation of website planning, involvement in server-side and client-side coding, supervision of the data warehouse, inventory control and customer service. |
| | | |



PROJECT SCOPE MANAGEMENT

Plans and documents for scope management from the project charter and project plan are created.

The project scope is created, which entails creating a successful website that will assist everyone.

Documentation of a functional requirement from stakeholders.

Informed team members' roles and responsibilities are defined by a formal Breakdown of Work Structure.

A performance report will be created after the product has been successfully delivered.



FUNCTIONAL REQUIREMENTS

Users are directed to their home page to view available venues once they have created an account on the app.

App provides immediate feedback on whether the event will fit within the venue and what can be accomplished within it.

A Venue Organizer can give the exact requirements on behalf of a client.



NON-FUNCTIONAL REQUIREMENTS

1. The first load time should be less than one second and no more than 500 milliseconds.

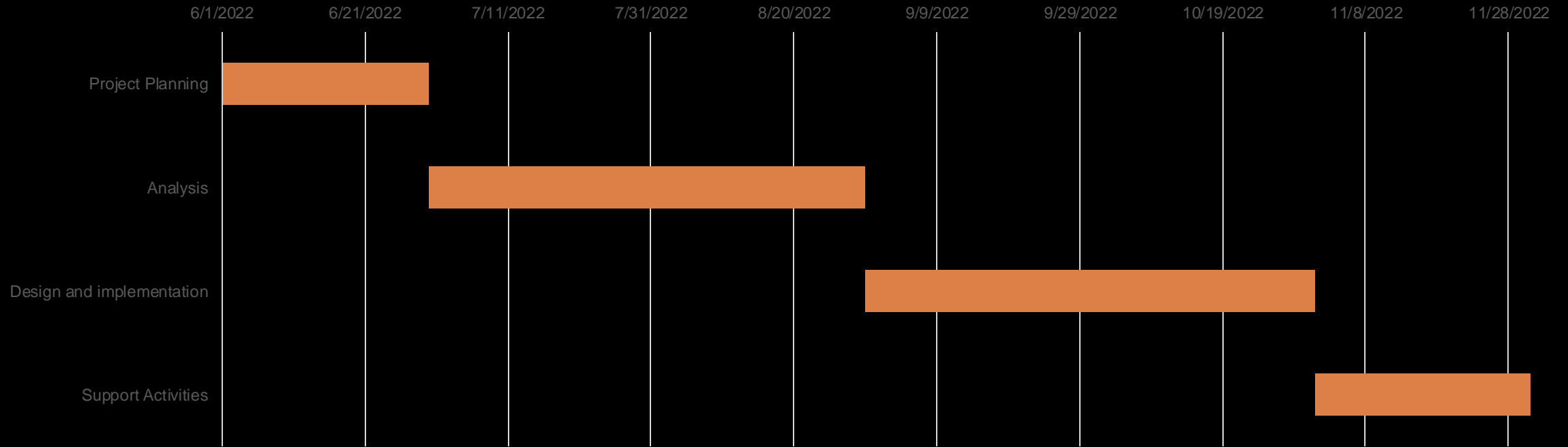
2. The performance of the application should not degrade as the number of users increases.

3. New features should be simple and clear to design with separation of concerns.

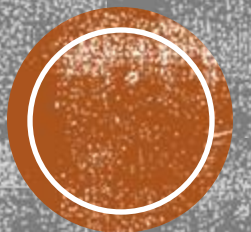
4. For traffic secrecy, a safeguard mechanism should be used, and protection should be provided. During the operation, the user must preserve integrity. There should be no room for failures of any type.

5. Execution refers to how your message is carried out when others draw in with it in diverse circumstances. A poor performance may result in an unsatisfactory client experience and endanger the framework's security.

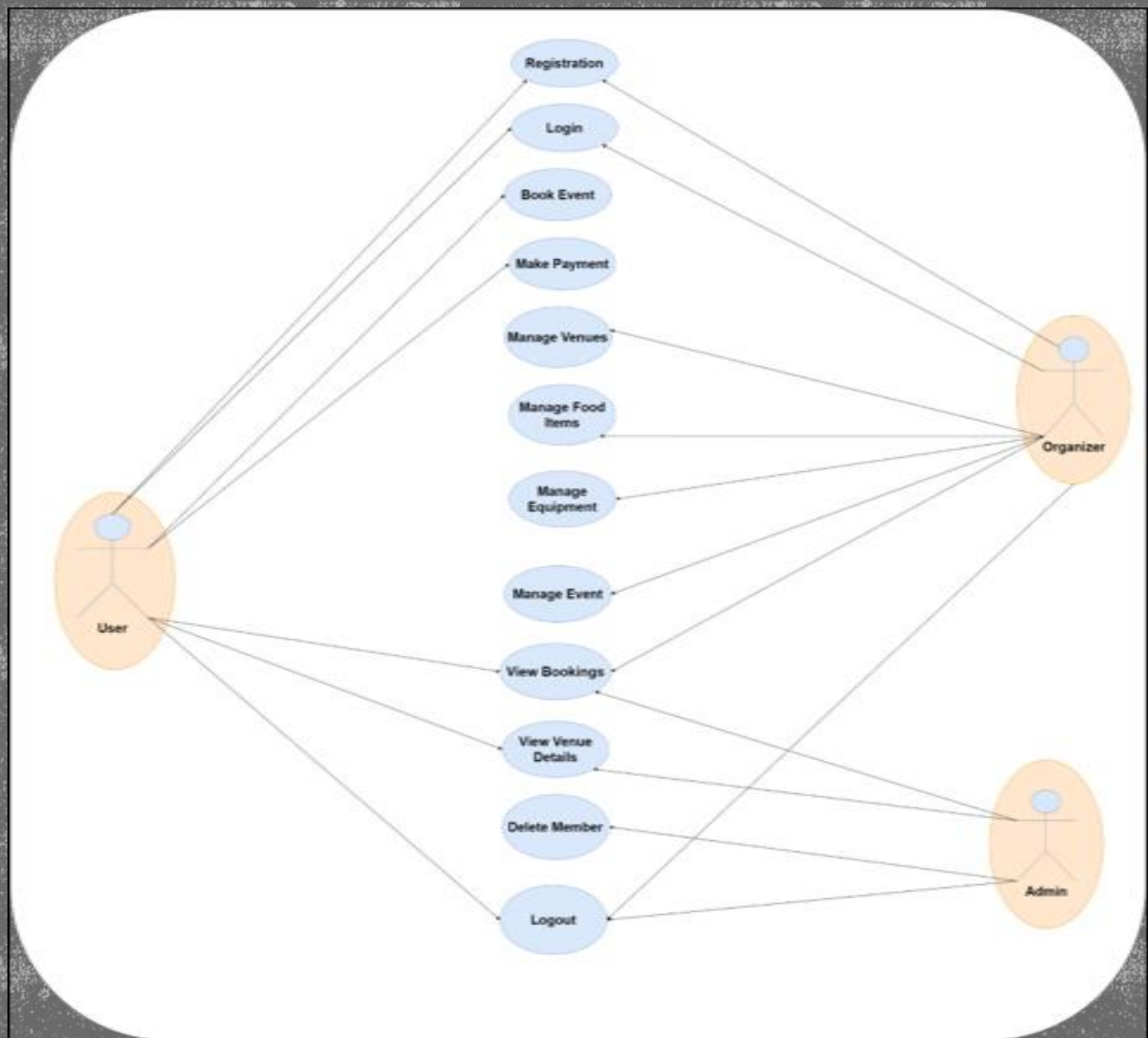




GANTT CHART



Use case diagram

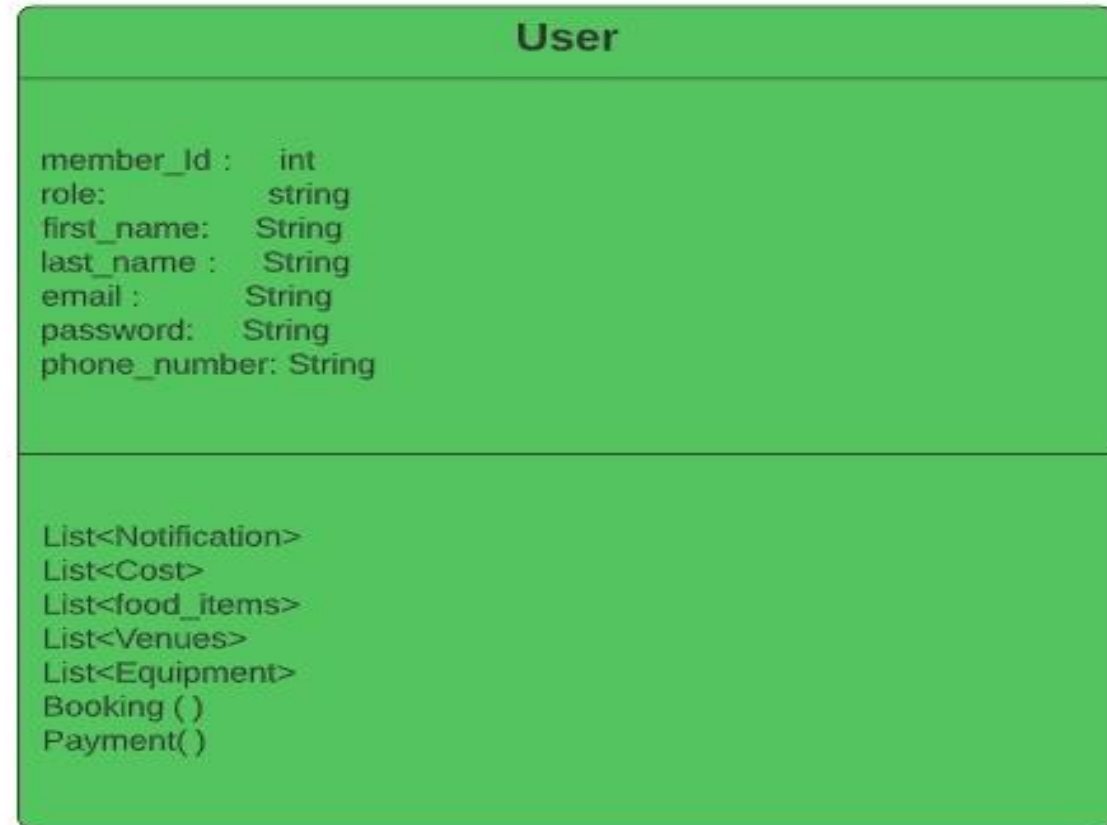


Domain Class Diagram: user

Domain Diagram: user



Design Class Diagram: user

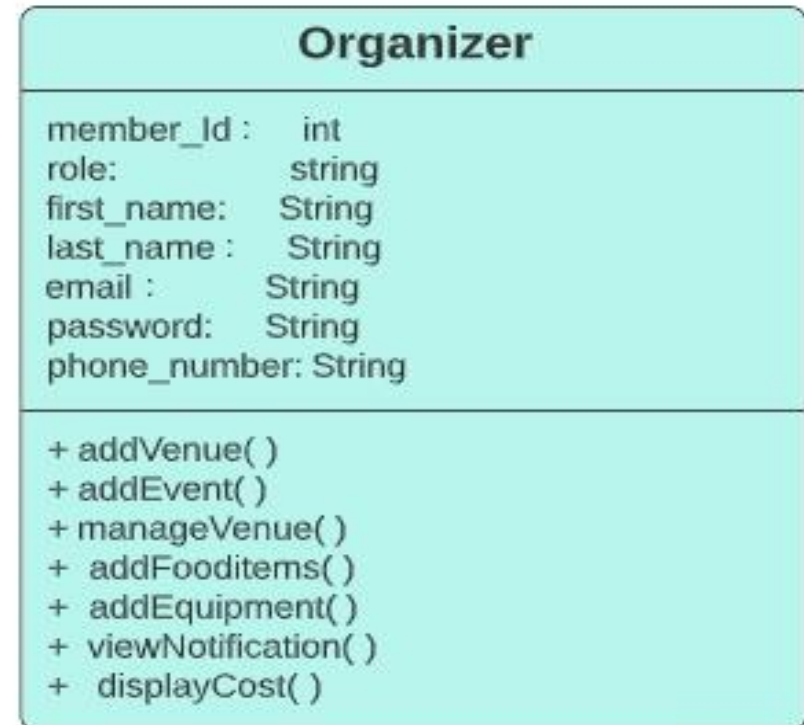


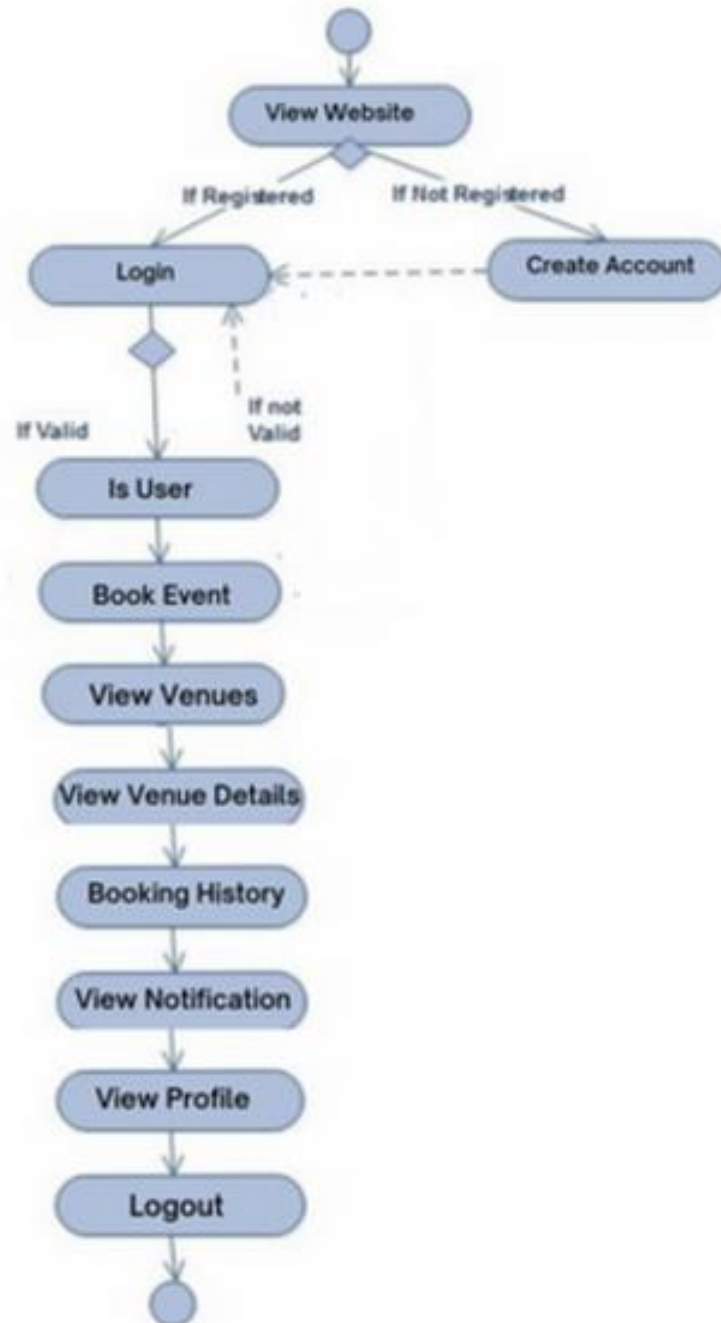
Domain Class Diagram : Organizer

Domain Diagram: Organizer



Design Class Diagram: Organizer

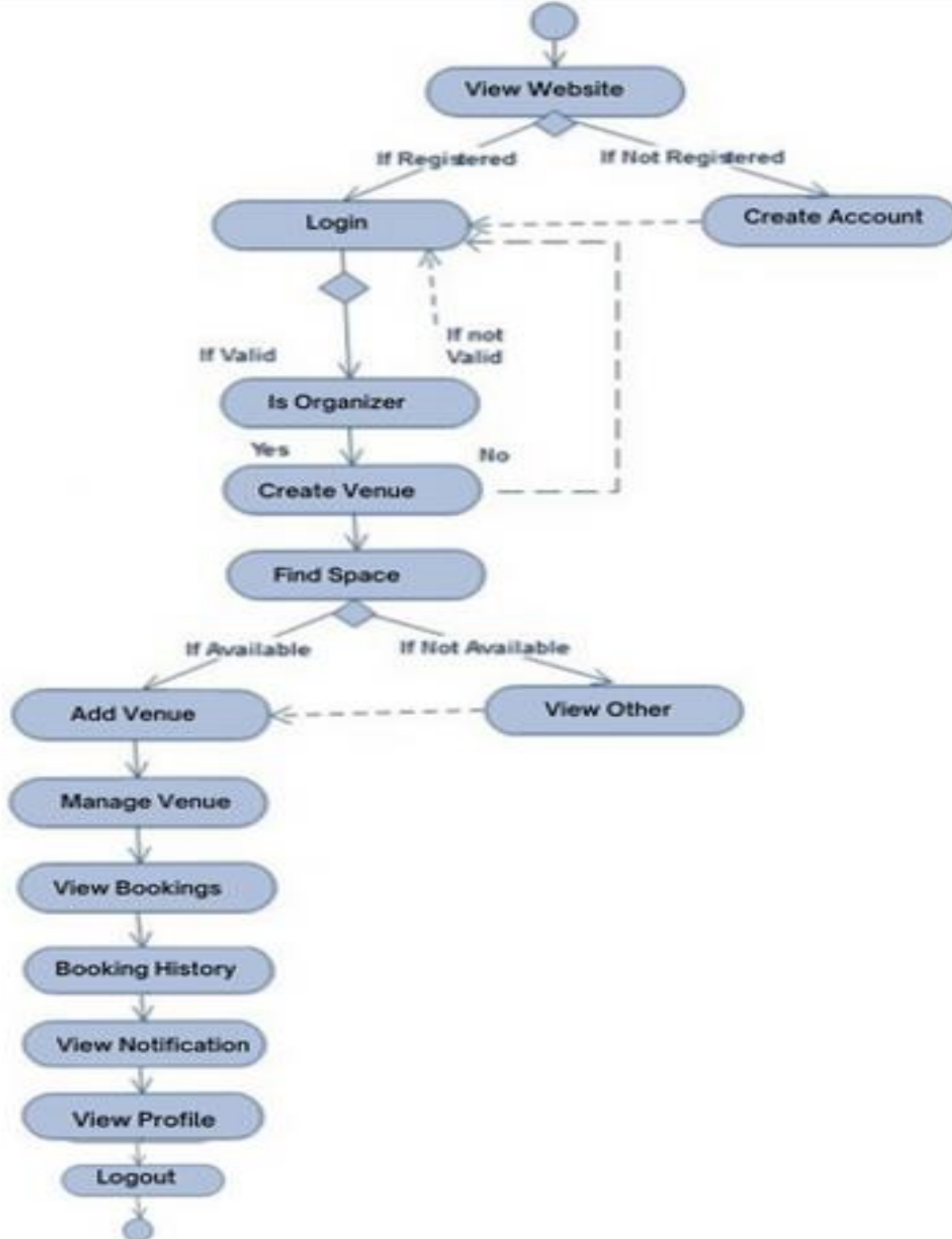




Activity Diagram

When a customer wants to reserve a venue/ event

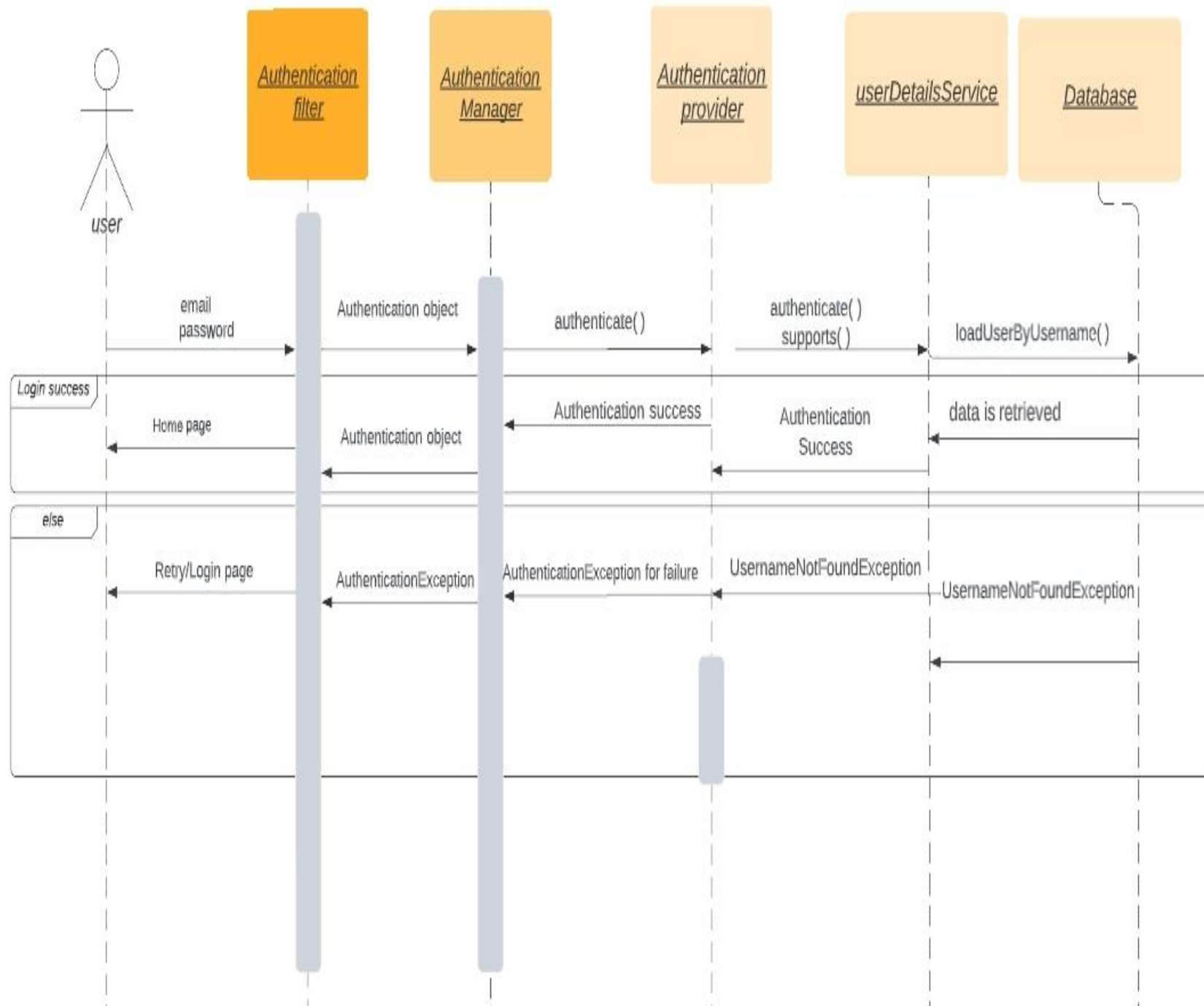




Activity Diagram

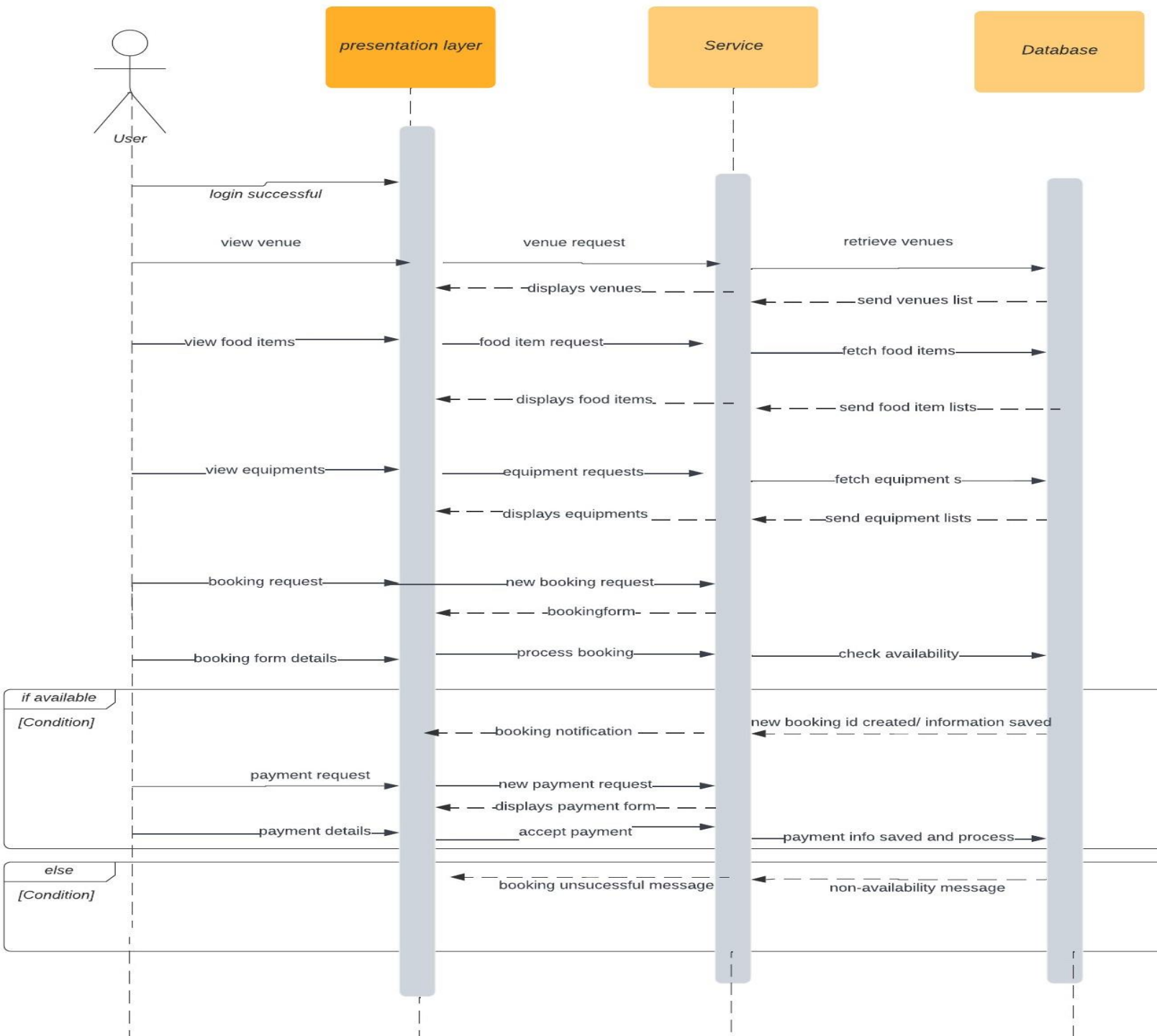
When event organizers want to publish or create events or venue's availability





System sequence diagram/login

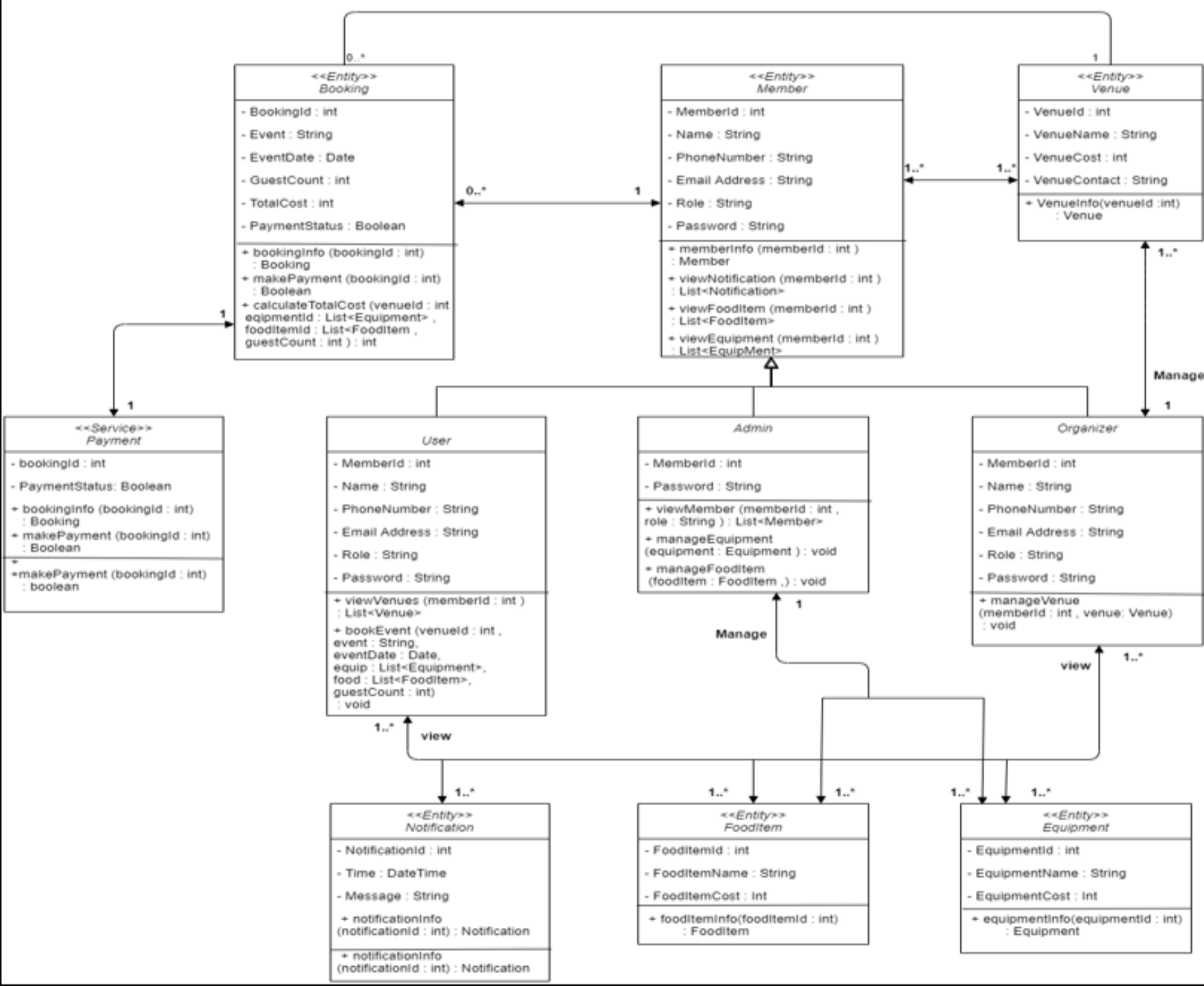




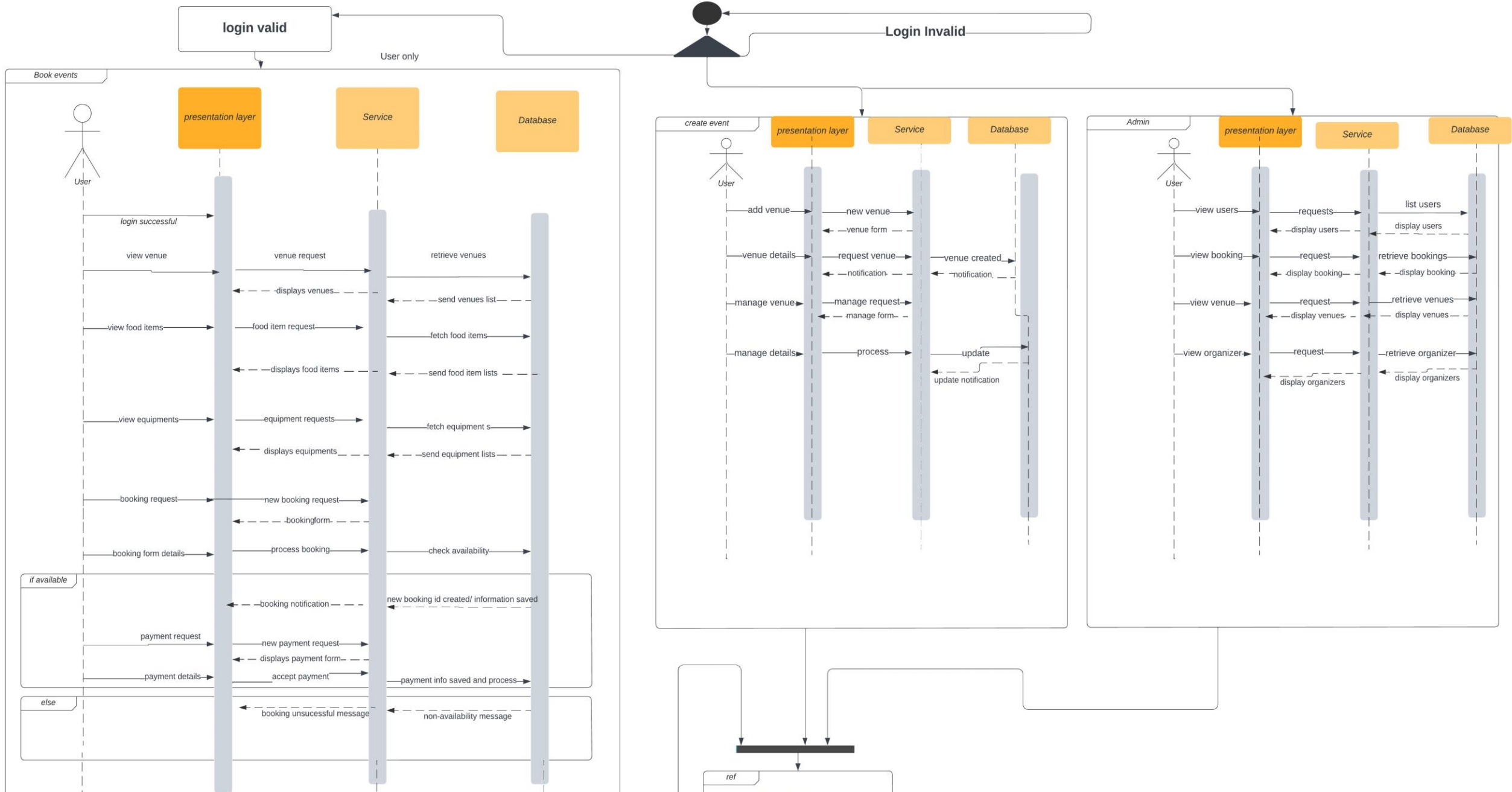
System Sequence Diagram: Event booking



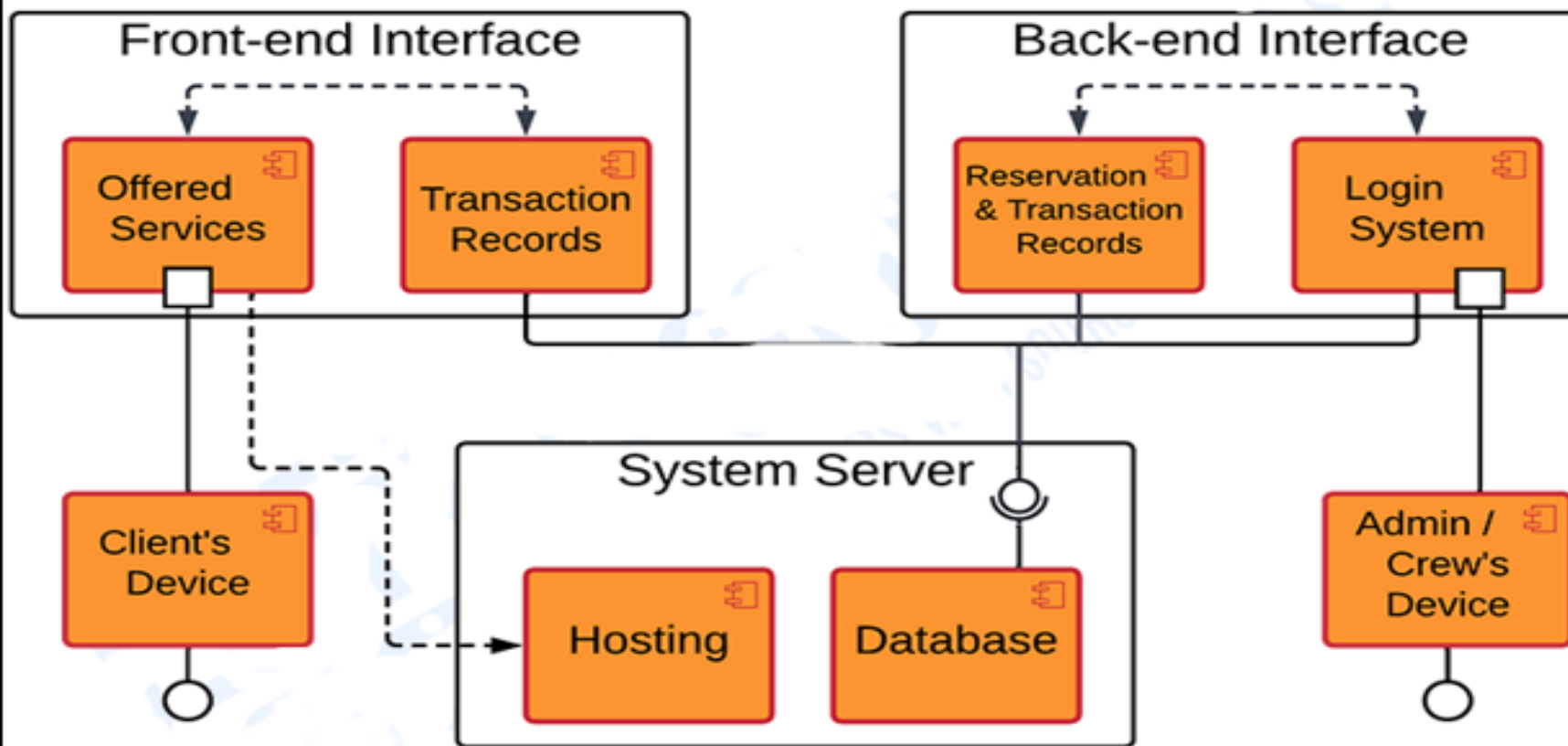
Design Class Diagram



Interaction diagram



EVENT MANAGEMENT SYSTEM

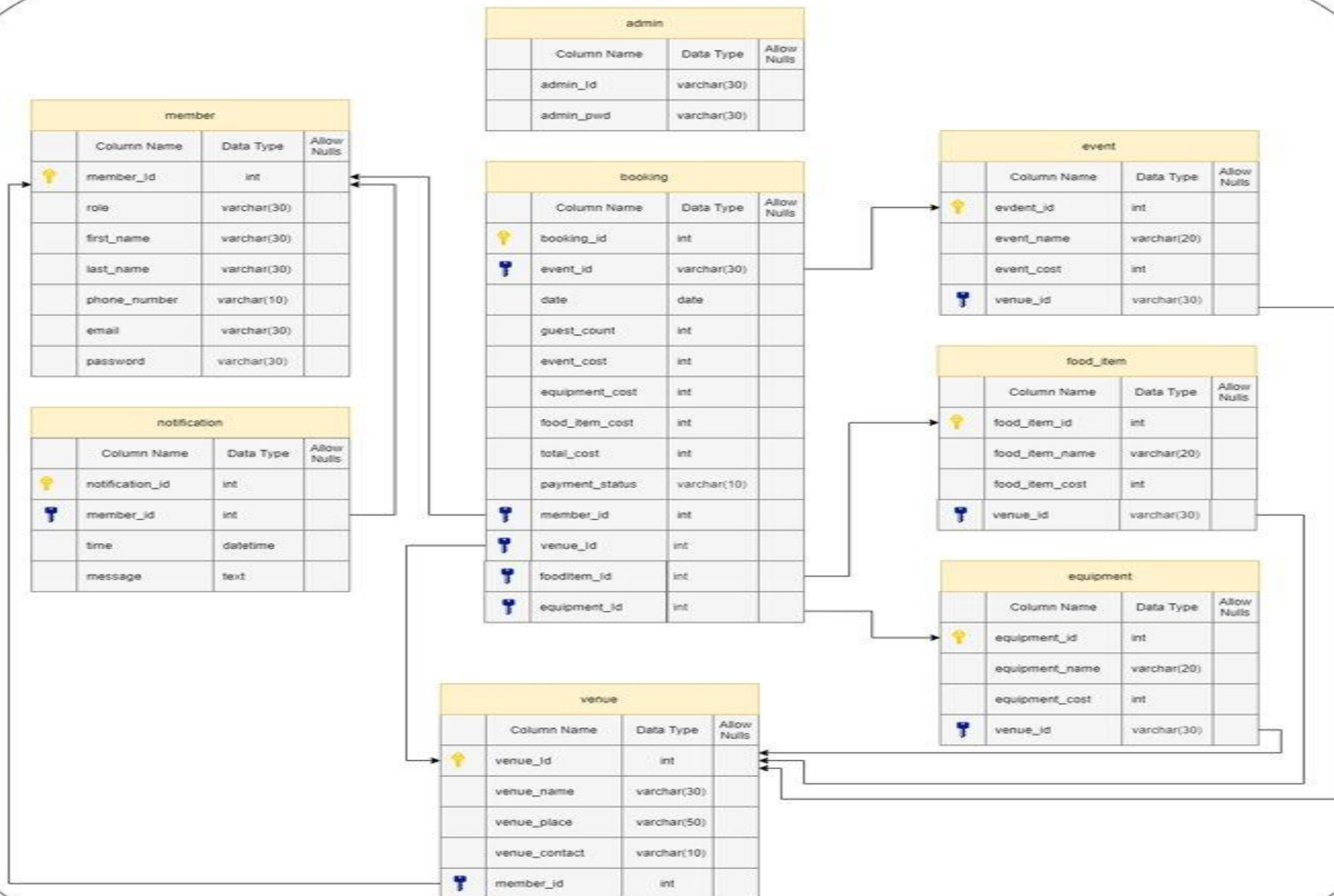


COMPONENT DIAGRAM

Component Diagram



Database Models



Admin

| Field Name | Field Type | Data Type | Mandatory | Possible Values |
|------------|------------|-----------|-----------|-----------------|
| admin_id | Text | varchar | Yes | Pre-loaded |
| admin_pwd | Text | varchar | Yes | Pre-loaded |

Tables Structure

Members

| Field Name | Field Type | Data Type | Mandatory | Possible Values |
|--------------|------------|-----------|-----------|-----------------|
| member_id | Numeric | int | Yes | Autogenerated |
| member_type | Drop Down | varchar | Yes | |
| first_name | Text | varchar | Yes | |
| last_name | Text | varchar | Yes | |
| phone_number | Text | varchar | Yes | |
| Email | Text | varchar | Yes | |
| password | Text | varchar | Yes | |

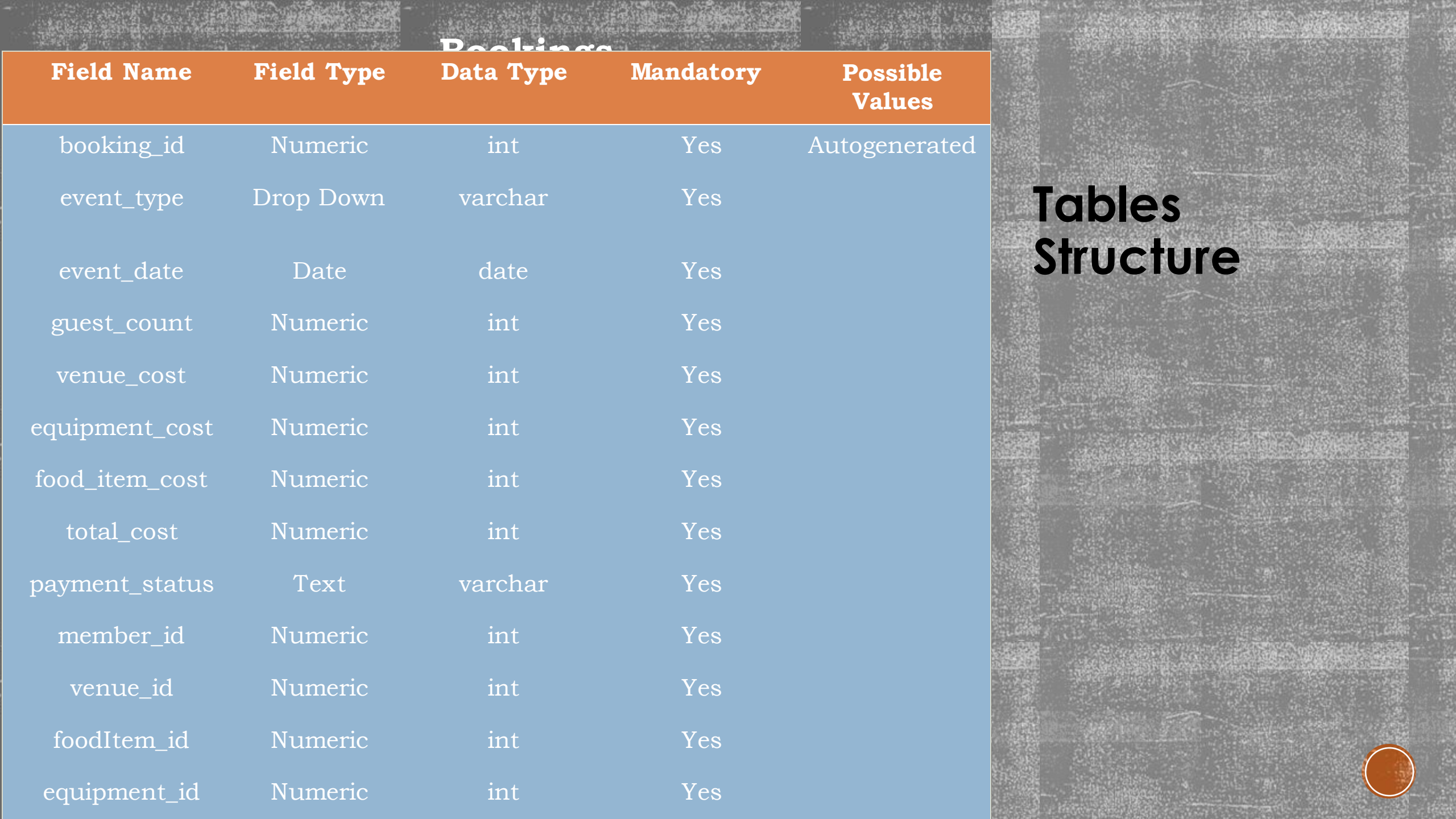


- **Venues**

| Field Name | Field Type | Data Type | Mandatory | Possible Values |
|---------------|------------|-----------|-----------|-----------------|
| venue_id | Numeric | int | Yes | Autogenerated |
| venue_name | Text | varchar | Yes | |
| venue_place | Text | varchar | Yes | |
| venue_cost | Numeric | int | Yes | |
| venue_contact | Text | varchar | Yes | |
| member_id | Numeric | int | Yes | |

Tables Structure





Bookings

| Field Name | Field Type | Data Type | Mandatory | Possible Values |
|----------------|------------|-----------|-----------|-----------------|
| booking_id | Numeric | int | Yes | Autogenerated |
| event_type | Drop Down | varchar | Yes | |
| event_date | Date | date | Yes | |
| guest_count | Numeric | int | Yes | |
| venue_cost | Numeric | int | Yes | |
| equipment_cost | Numeric | int | Yes | |
| food_item_cost | Numeric | int | Yes | |
| total_cost | Numeric | int | Yes | |
| payment_status | Text | varchar | Yes | |
| member_id | Numeric | int | Yes | |
| venue_id | Numeric | int | Yes | |
| foodItem_id | Numeric | int | Yes | |
| equipment_id | Numeric | int | Yes | |

Tables Structure



Equipment

| Field Name | Field Type | Data Type | Mandatory | Possible Values |
|----------------|------------|-----------|-----------|-----------------|
| equipment_id | Numeric | int | Yes | Autogenerated |
| equipment_name | Text | varchar | Yes | |
| equipment_cost | Numeric | int | Yes | |

Food Items

| Field Name | Field Type | Data Type | Mandatory | Possible Values |
|----------------|------------|-----------|-----------|-----------------|
| food_item_id | Numeric | int | Yes | Autogenerated |
| food_item_name | Text | varchar | Yes | |
| food_item_cost | Numeric | int | Yes | |

Tables Structure



Login Page



Login Here !!



Username

Your Email is your Username



Password

LOGIN

Not a User ??

REGISTER





Select Role ▼

 First Name

 Last Name

 Email

 Phone Number

 Password

 Confirm Password

Register Page





"That's all Folks!"