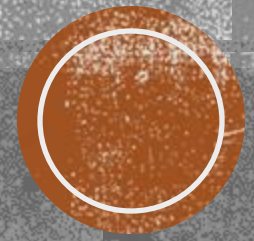
Group project presentation

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



PROJECT CHARTER

Project Name	Event Management System
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 Responsiblities
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

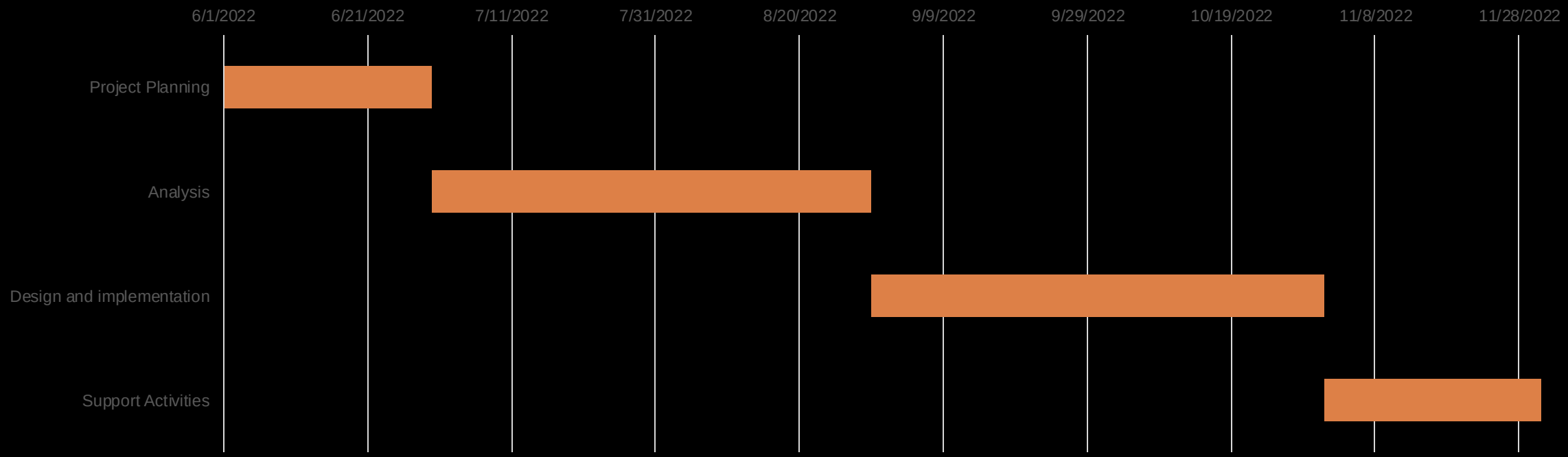
1. The first load time should be less than one second and no more than 500 milliseconds.

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.


6/1/2022
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9/9/2022
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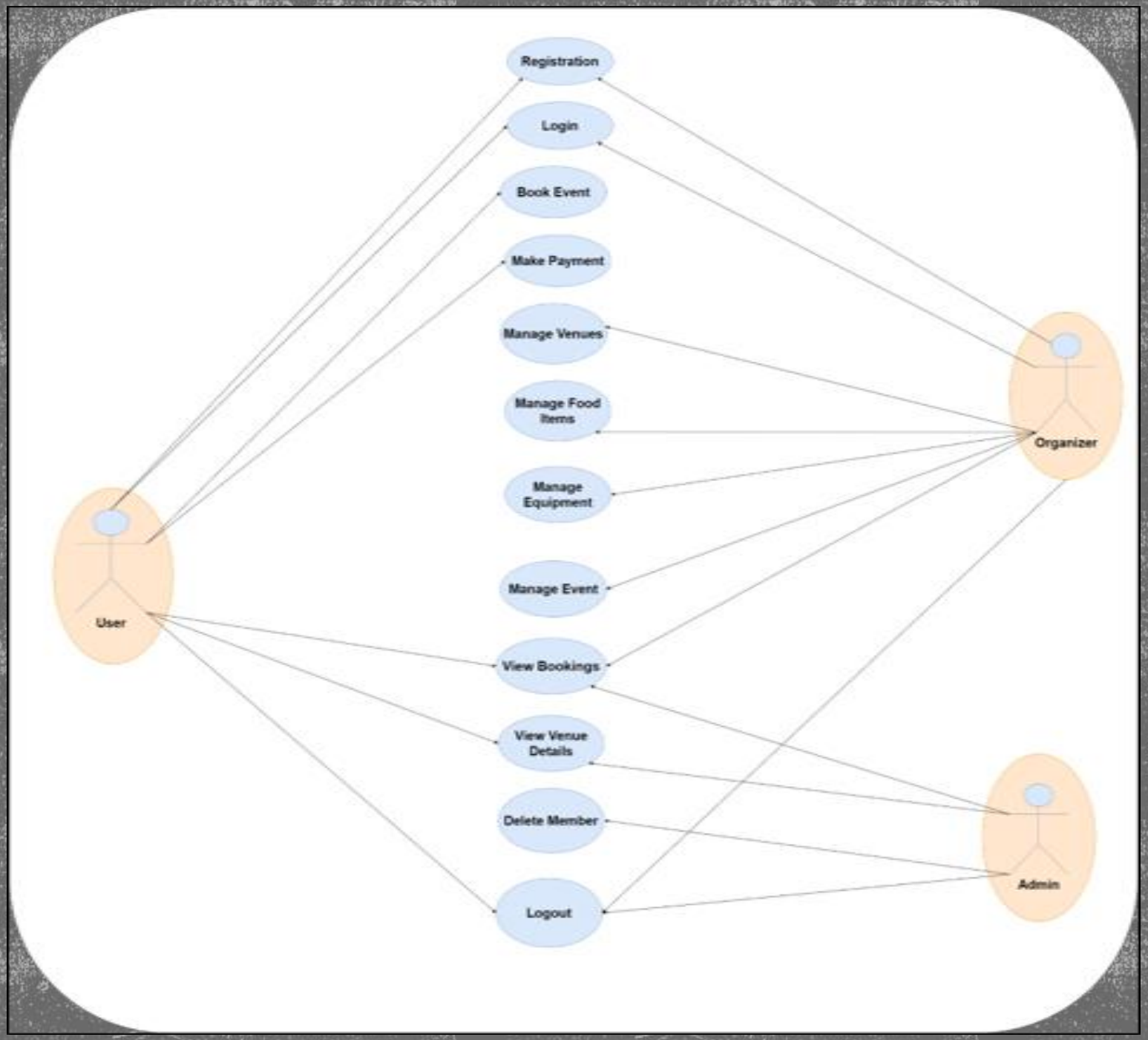
10/19/2022
11/8/2022
11/28/2022
Project Planning
Analysis
Design and implementation
Support Activities

GANTT CHART

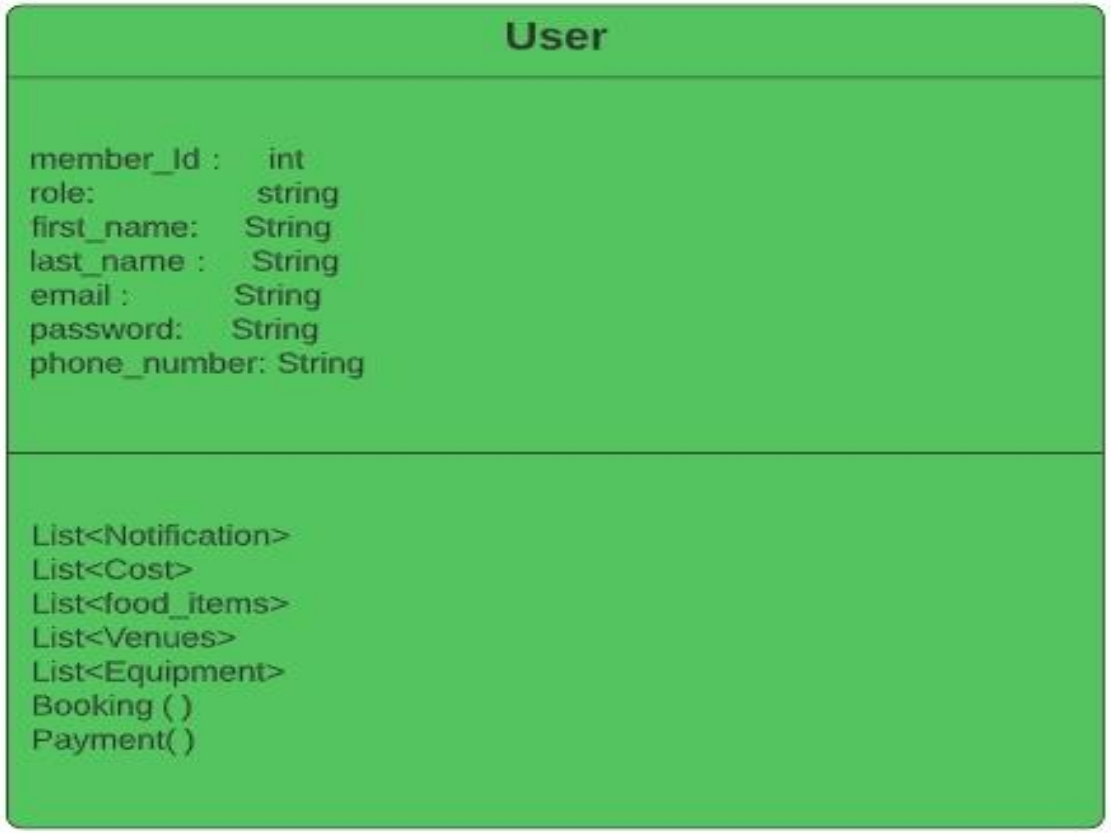
Use case diagram



Domain Class Diagram: user

Domain Diagram: user

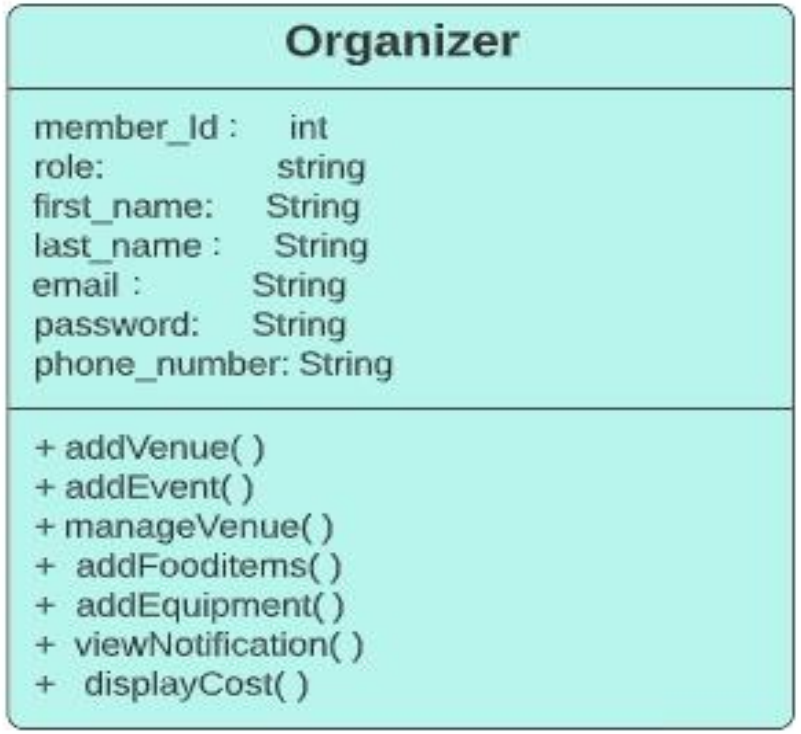
Design Class Diagram: user

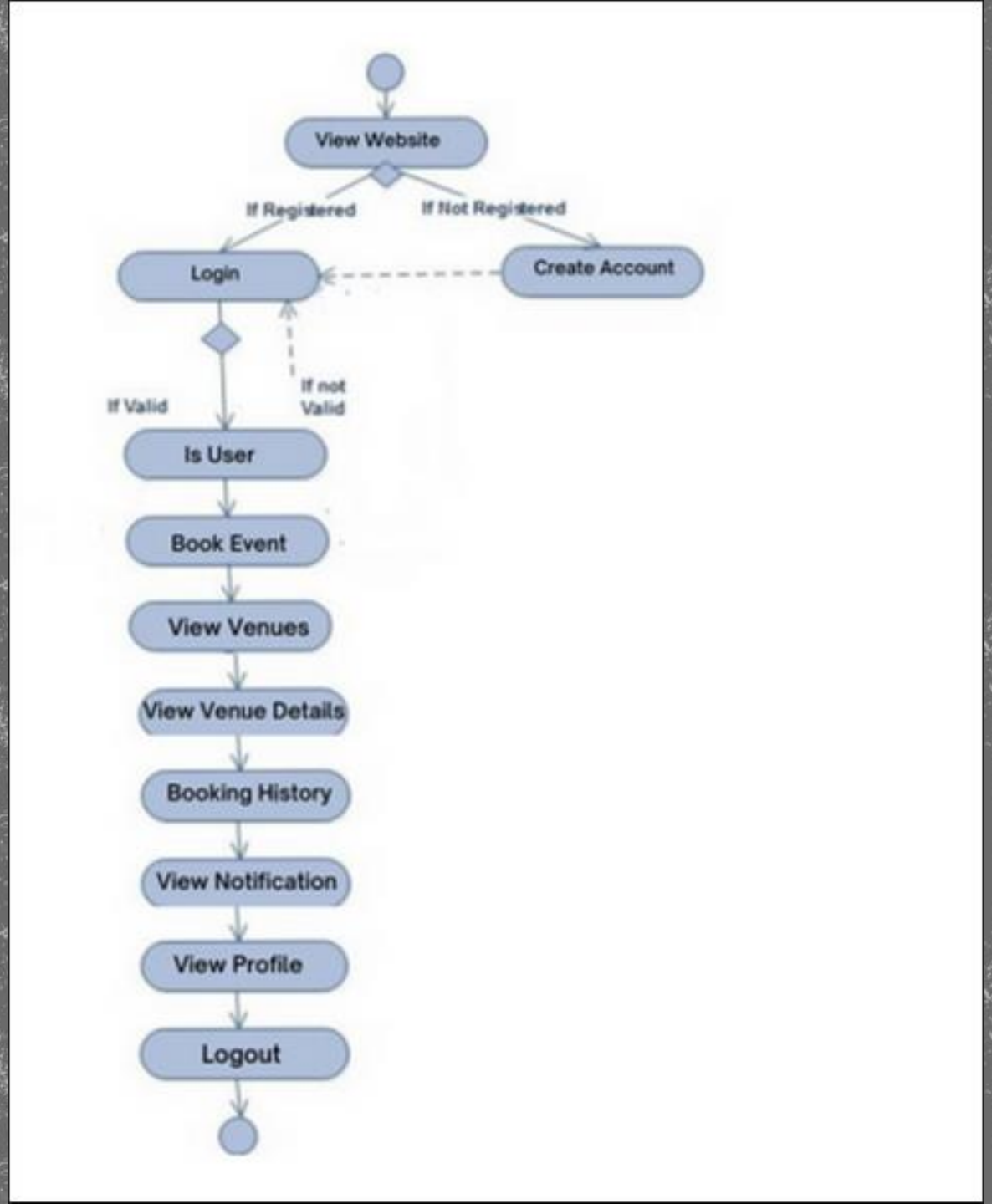


Domain Class Diagram : Organizer

Domain Diagram: Organizer

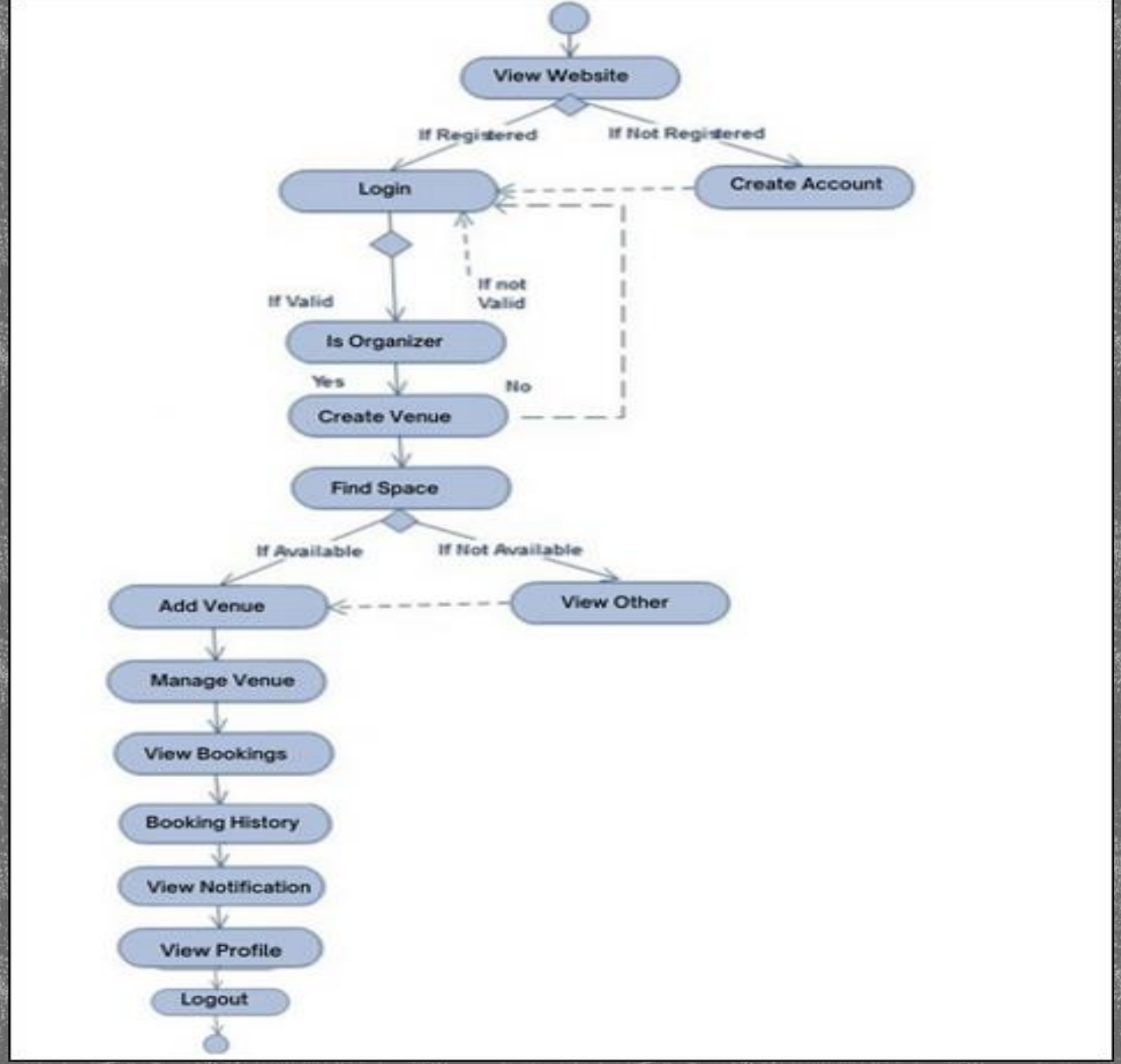
Design Class Diagram: Organizer





Activity Diagram

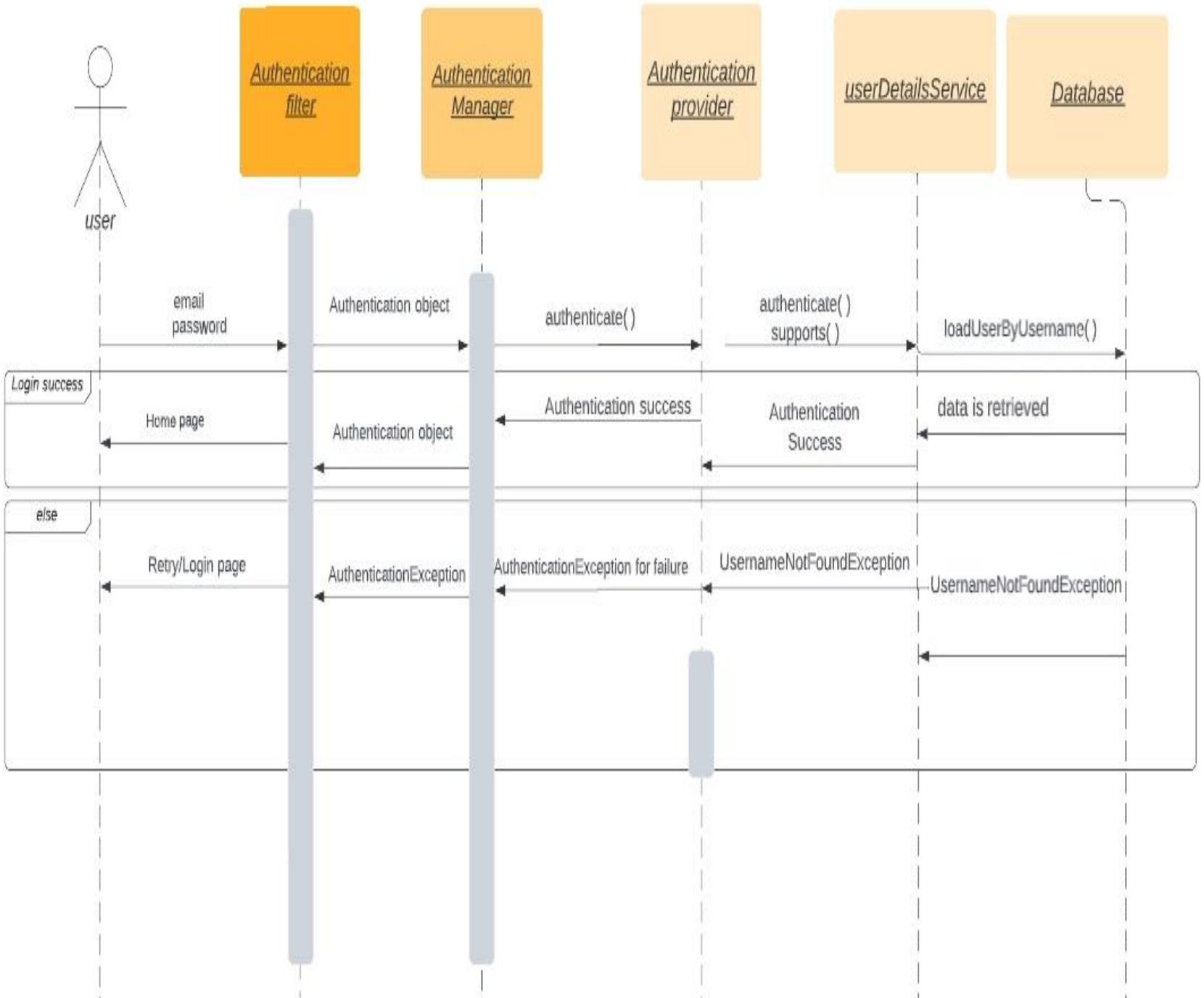
When a customer wants to reserve a venue/ event

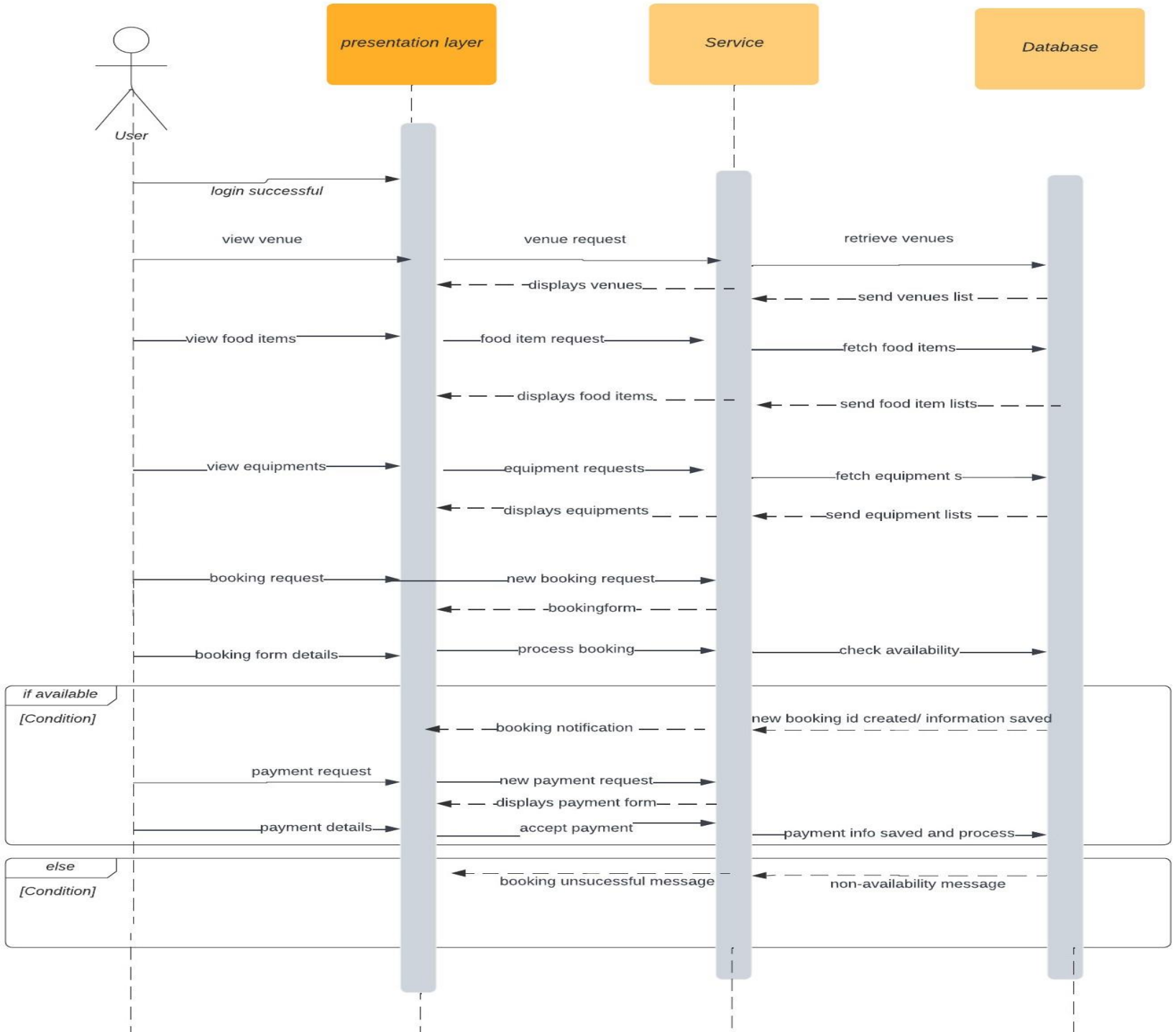


Activity Diagram

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

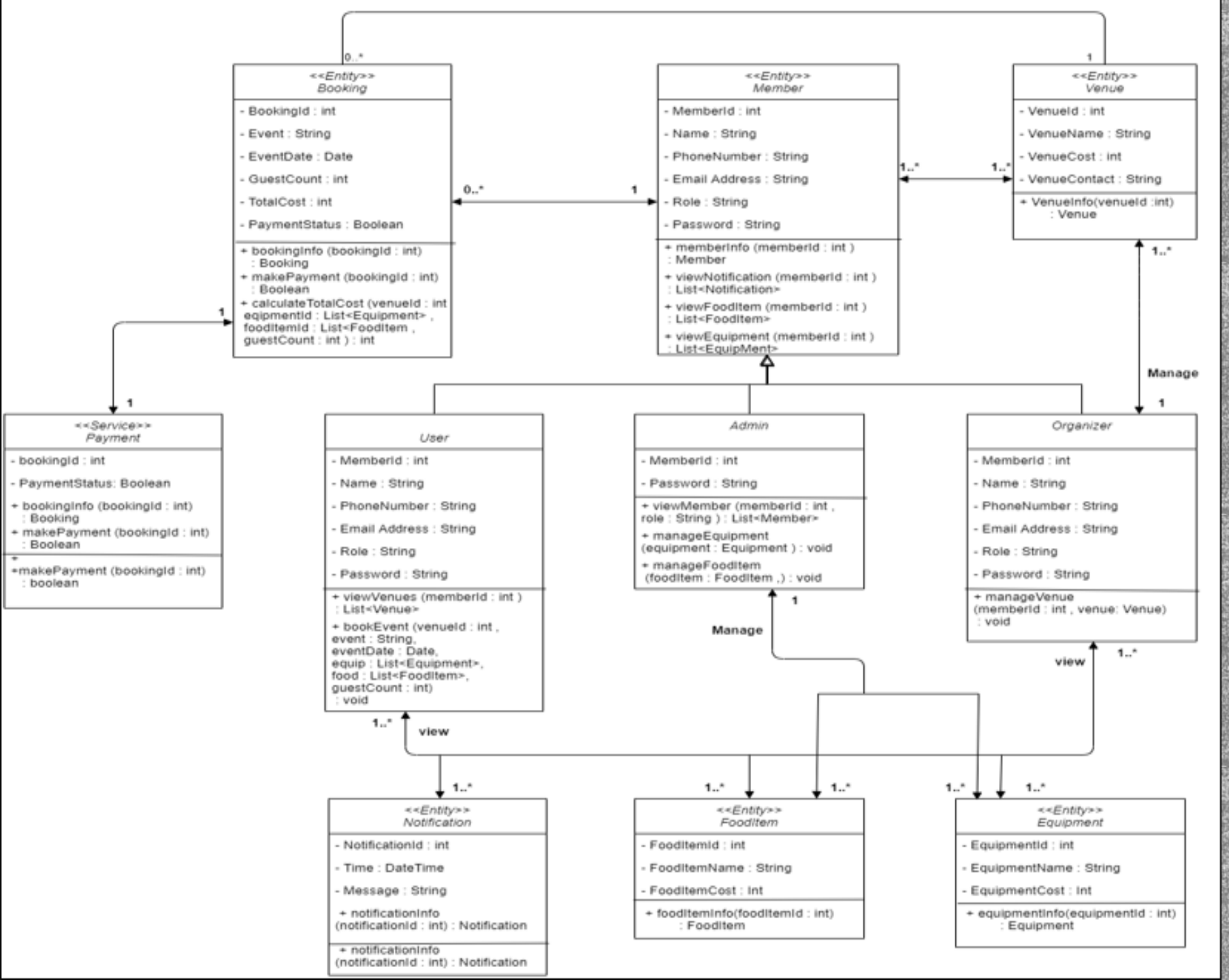
System sequence diagram/login



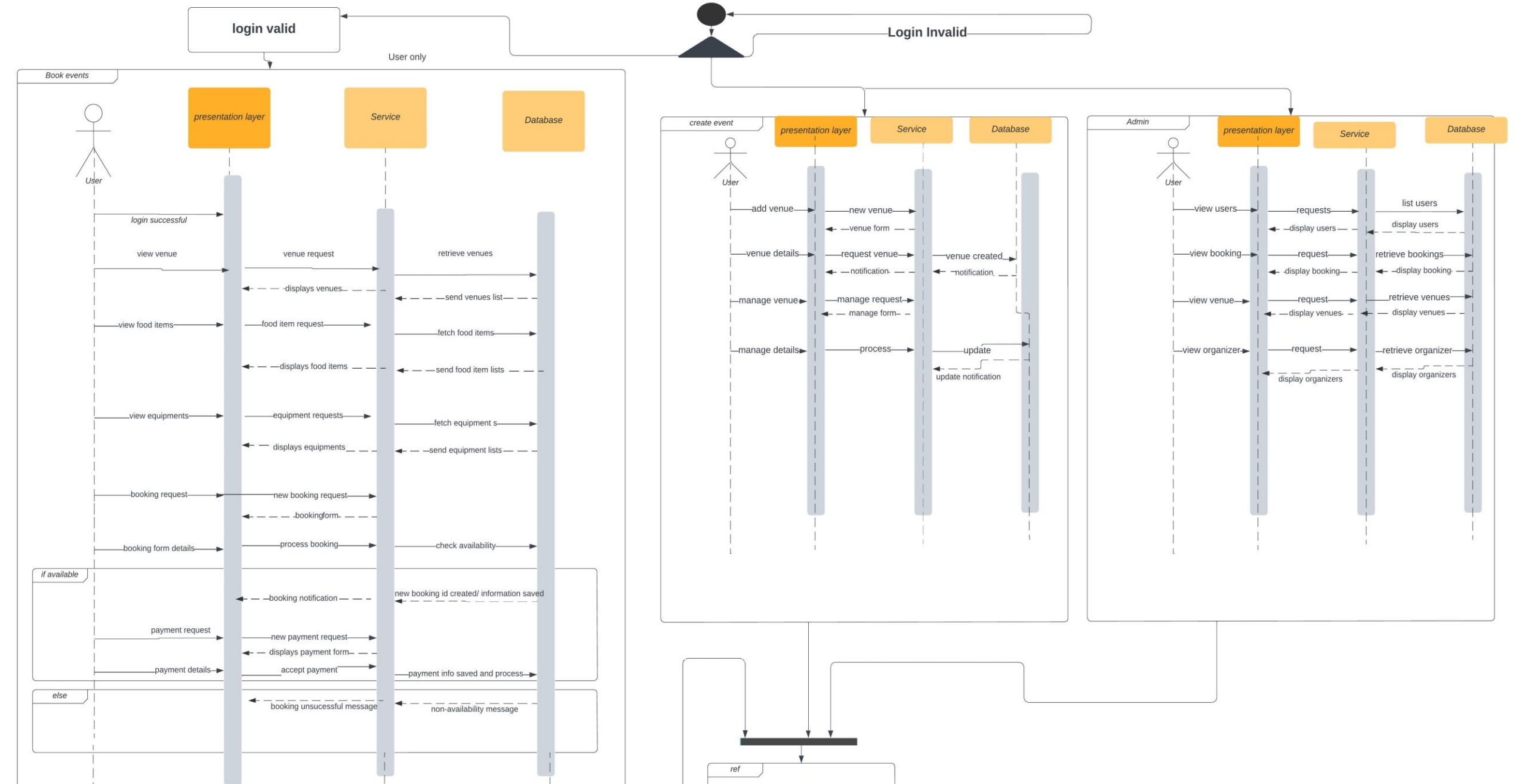


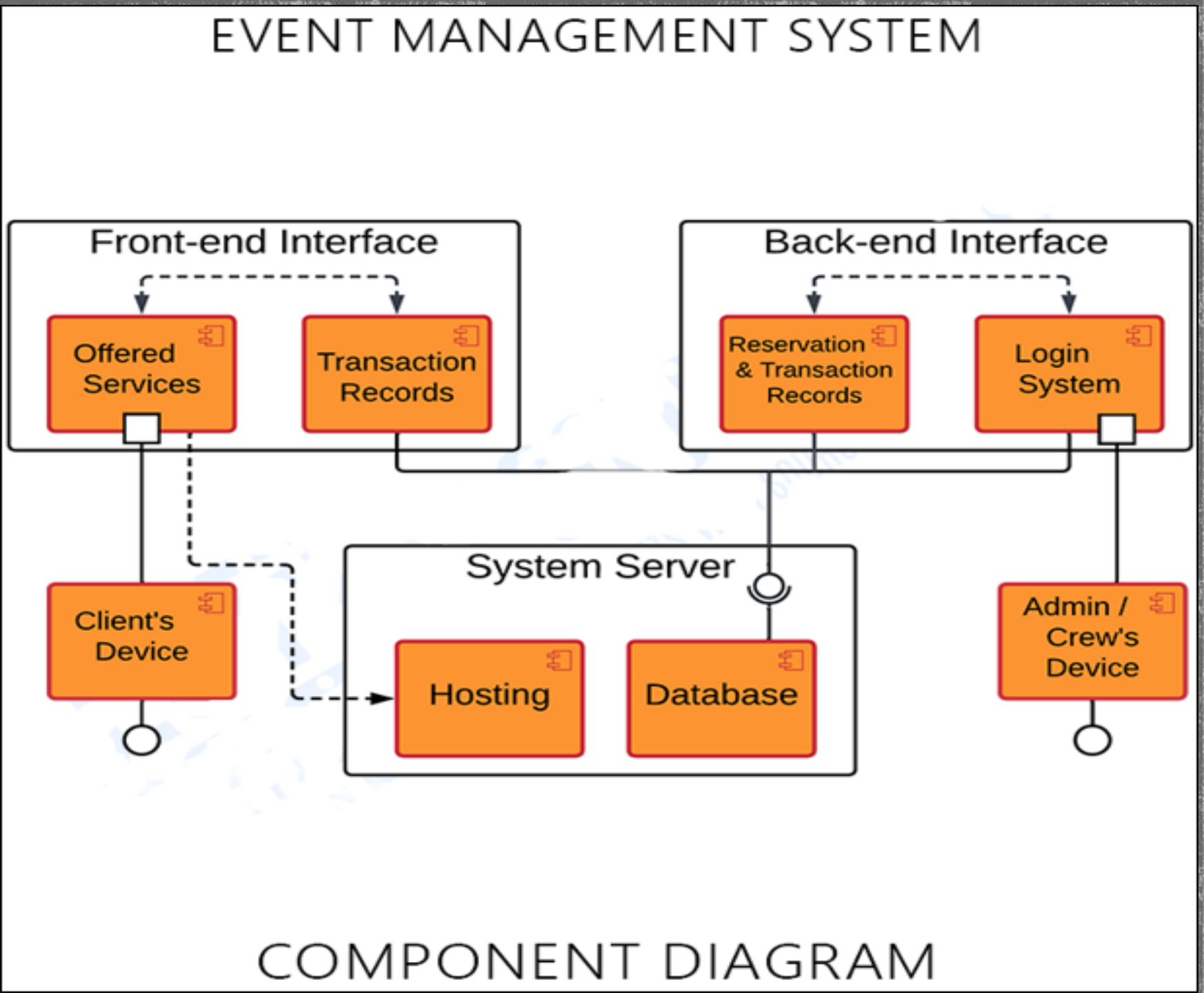
System Sequence Diagram: Event booking

Design Class Diagram



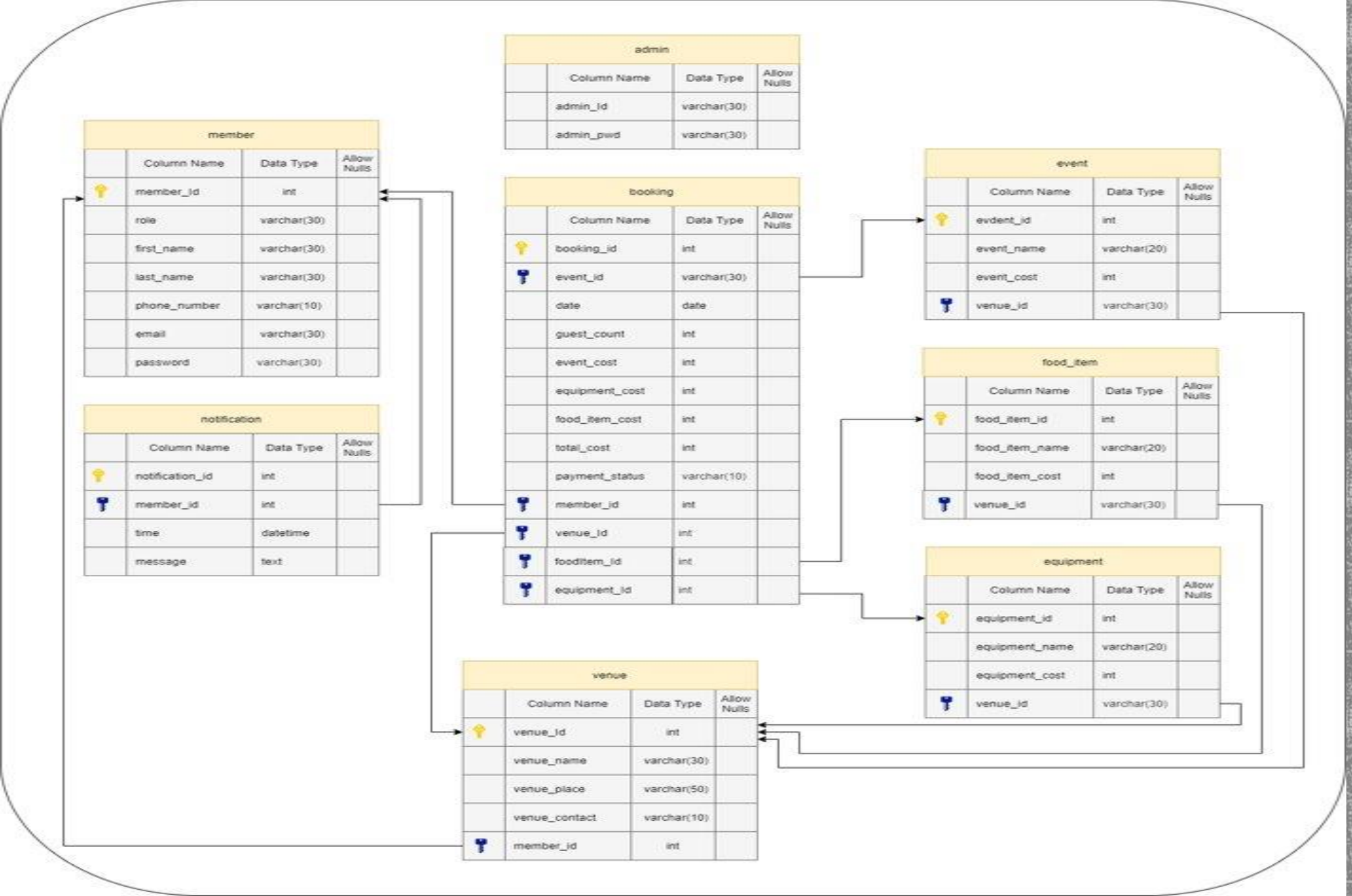
Interaction diagram





Component Diagram

Database Models



Tables Structure

- Admin

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

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	

Tables Structure

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	

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

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	

"That's all Folks!"