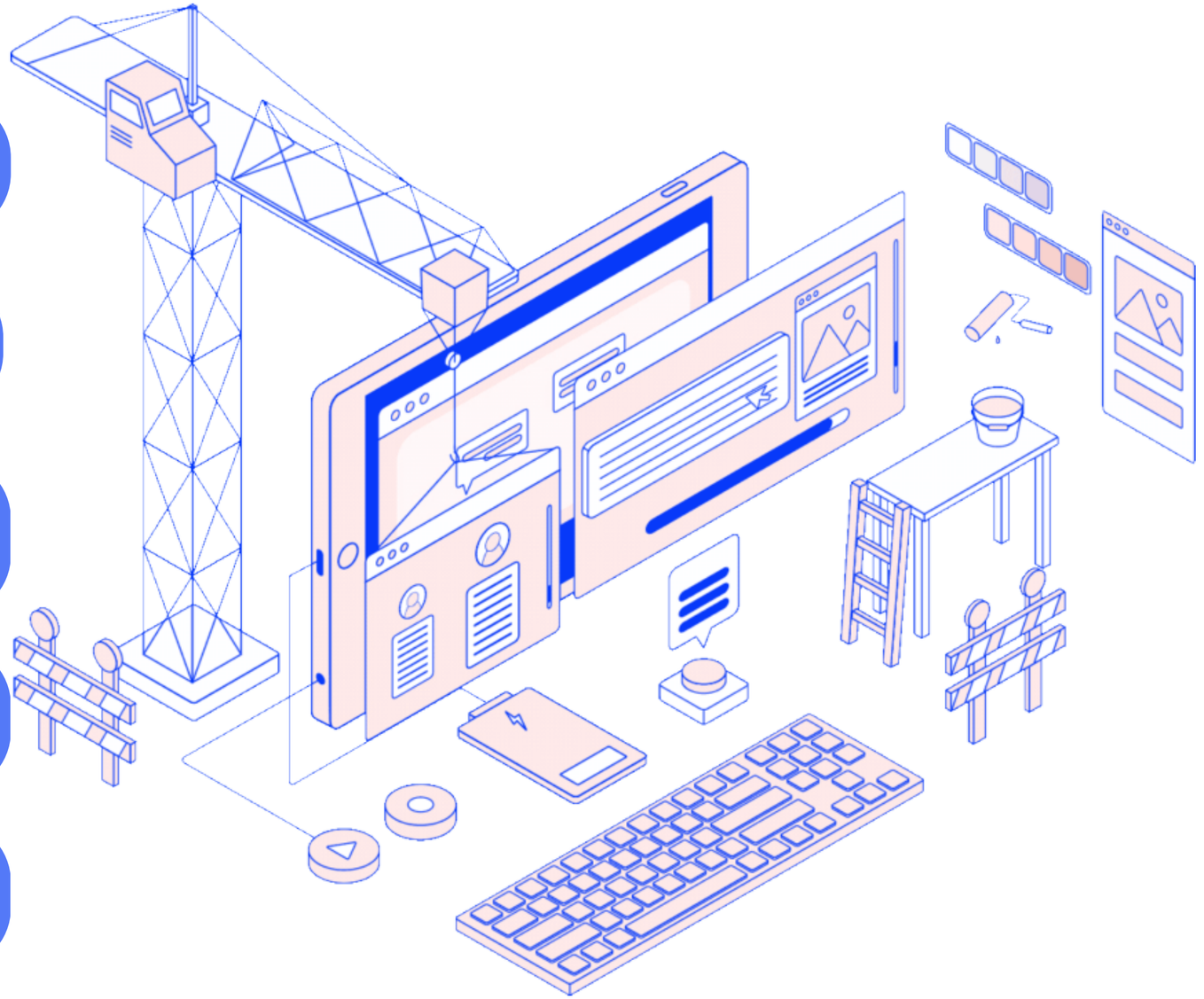
RESTAURANT RESERVATION

GROUP 6 PRESENTATION

Members:

- Đinh Thiên Hoàng
- Phan Văn Tiếp Em
- Bùi Văn Thắng
- Nguyễn Như Bích Ngân

TABLE OF CONTENT



1. REQUIREMENTS

The table reservation system is designed to offer a convenient and user-friendly platform for restaurant customers to book tables.

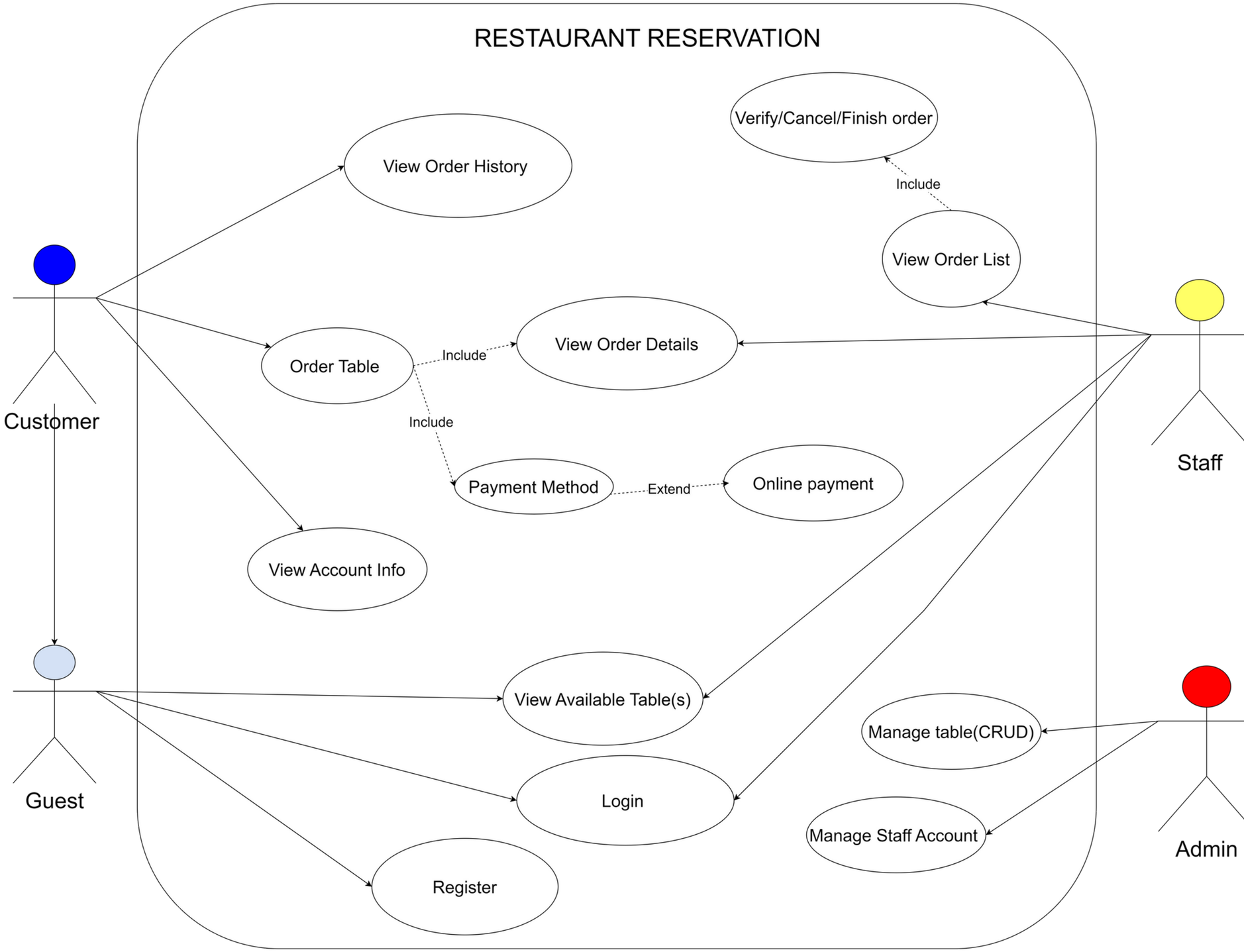
- **Guests:**
  - Guests can register their account via OTP code, text message phone number.
  - Guests can View Table list to see the number of available tables.
- **Customers:**
  - Book a table that are still available and view the details of the order.
  - Select a preferred date and time, make a reservation, also cancel the reservation.
  - Pay for the order placed by PayPal account.
  - Review all of their account's reservation history.
  - View their account information.
- **Staff:**
  - Have access to view all order history/order list of all customers and confirm or cancel Customer's order.
- **Admin:**
  - Manage all staff accounts and have the function to add, delete, edit tables

Business Rules

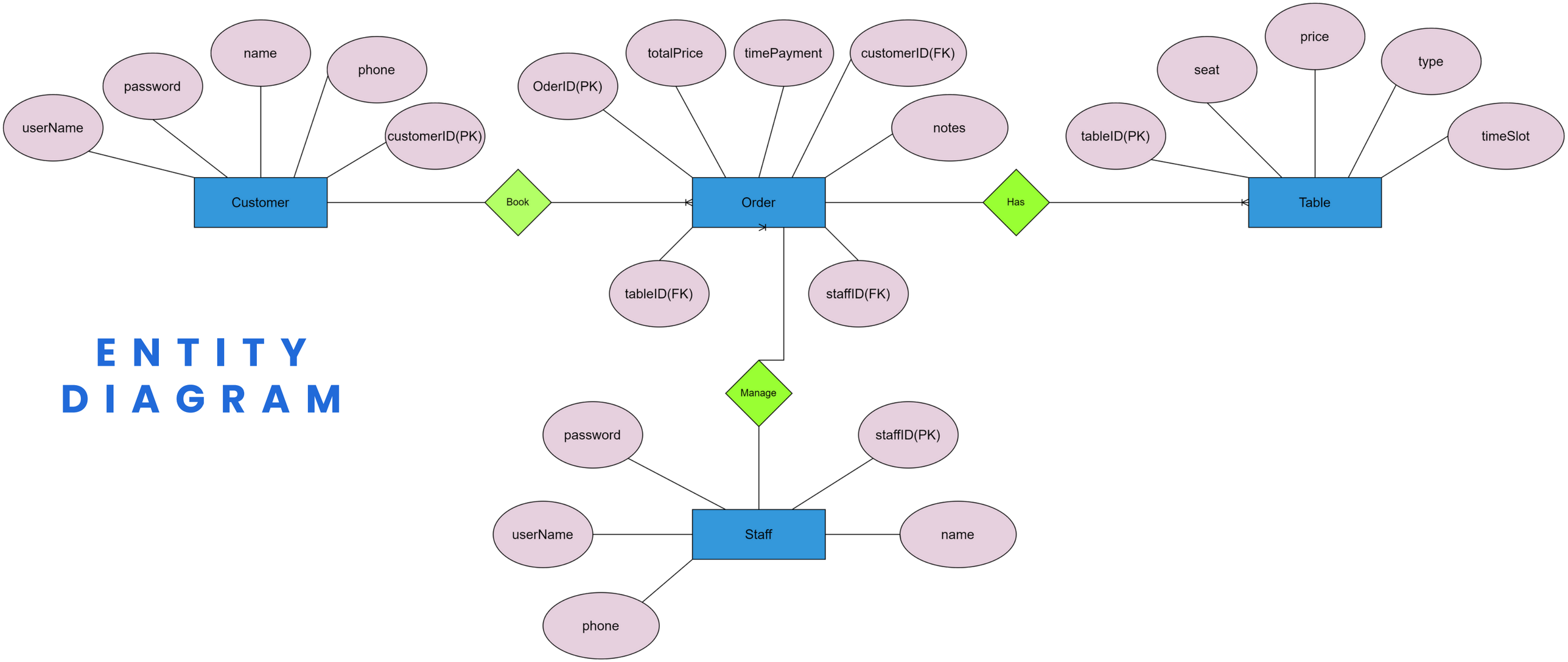
- Creating an account will confirm information via OTP by phone message.
- When registering, guest must fill in all the information to be able to register.
- Only allow user to book a table in 4 certain time frames according to the restaurant's regulations, and when past that time frame according to the real time, reservations will not be allowed ("9h-12h", "13h-16h", "17h-20h", "21h-00h").
- Only pay by Paypal.

2. Diagrams

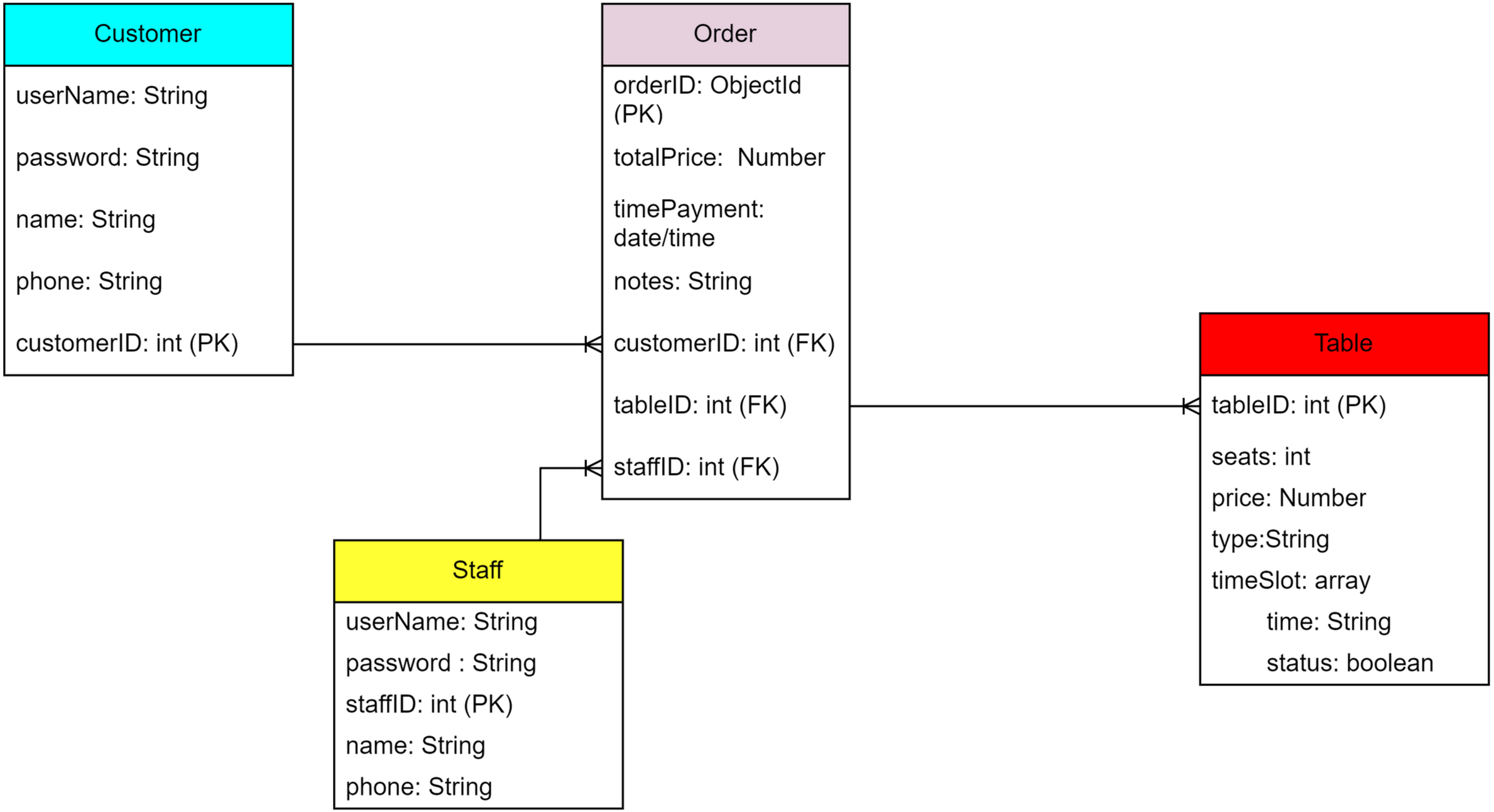
USE CASE DIAGRAM



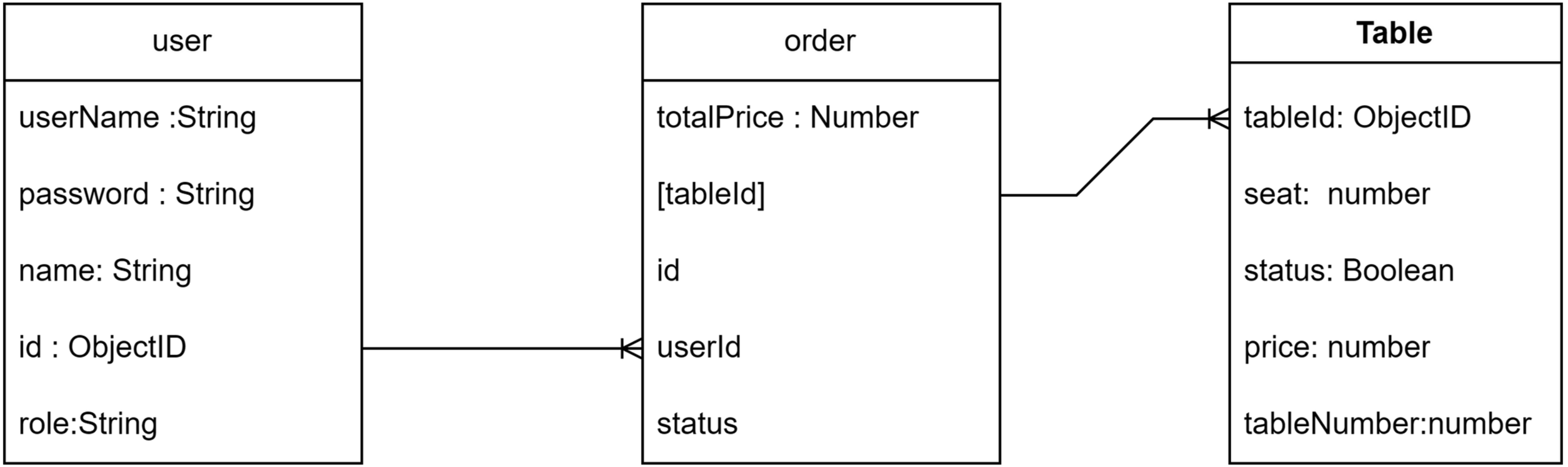
ENTITY DIAGRAM



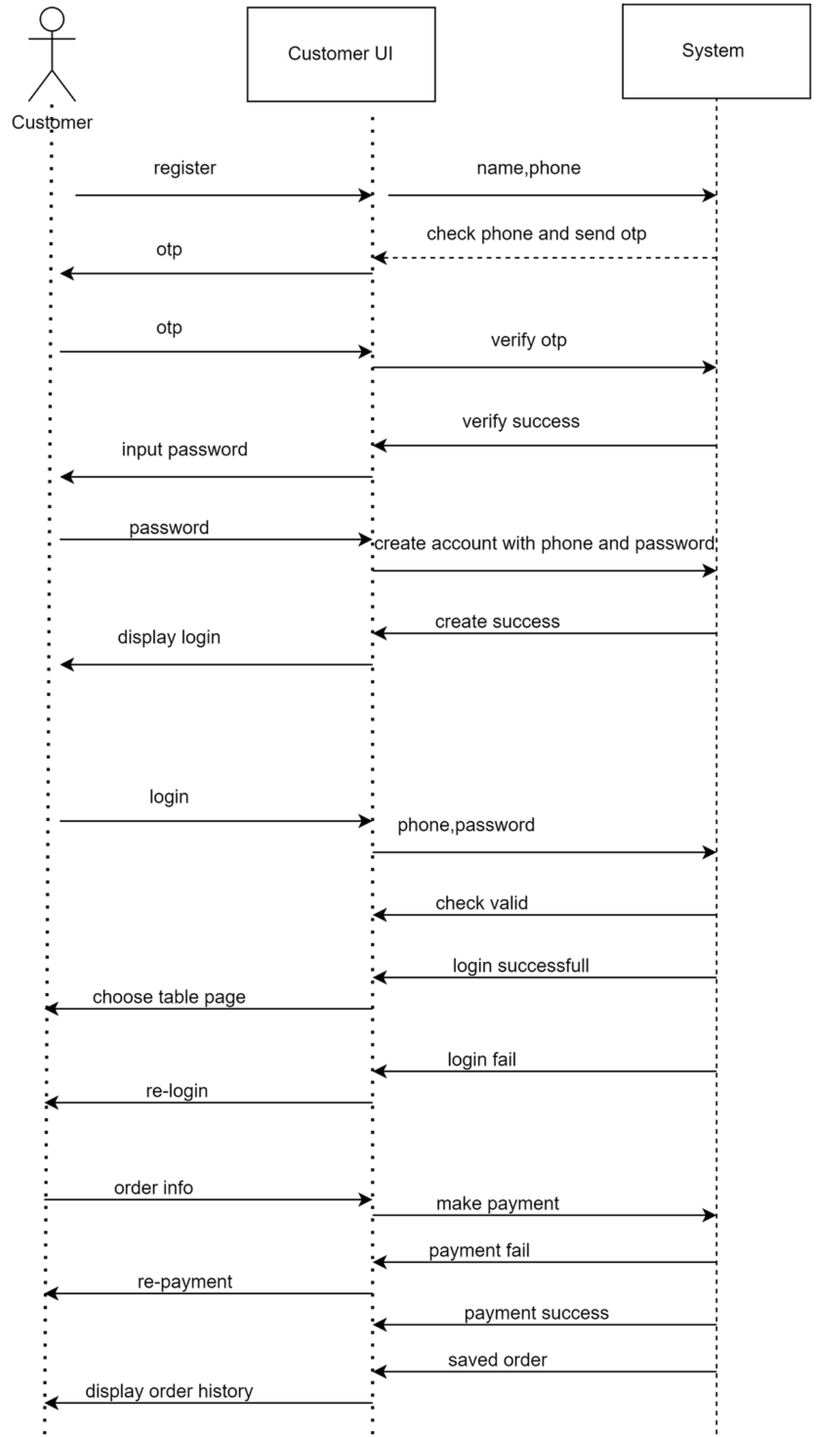
CLASS DIAGRAM



DATABASE

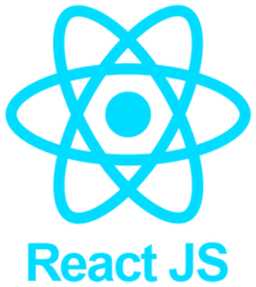

user
userName :String
password : String
name: String
id : ObjectID
role:String
order
totalPrice : Number
[tableId]
id
userId
status
Table
tableId: ObjectID
seat: number
status: Boolean
price: number
tableNumber:number

SEQUENCE DIAGRAM



3. Stack-Technologies

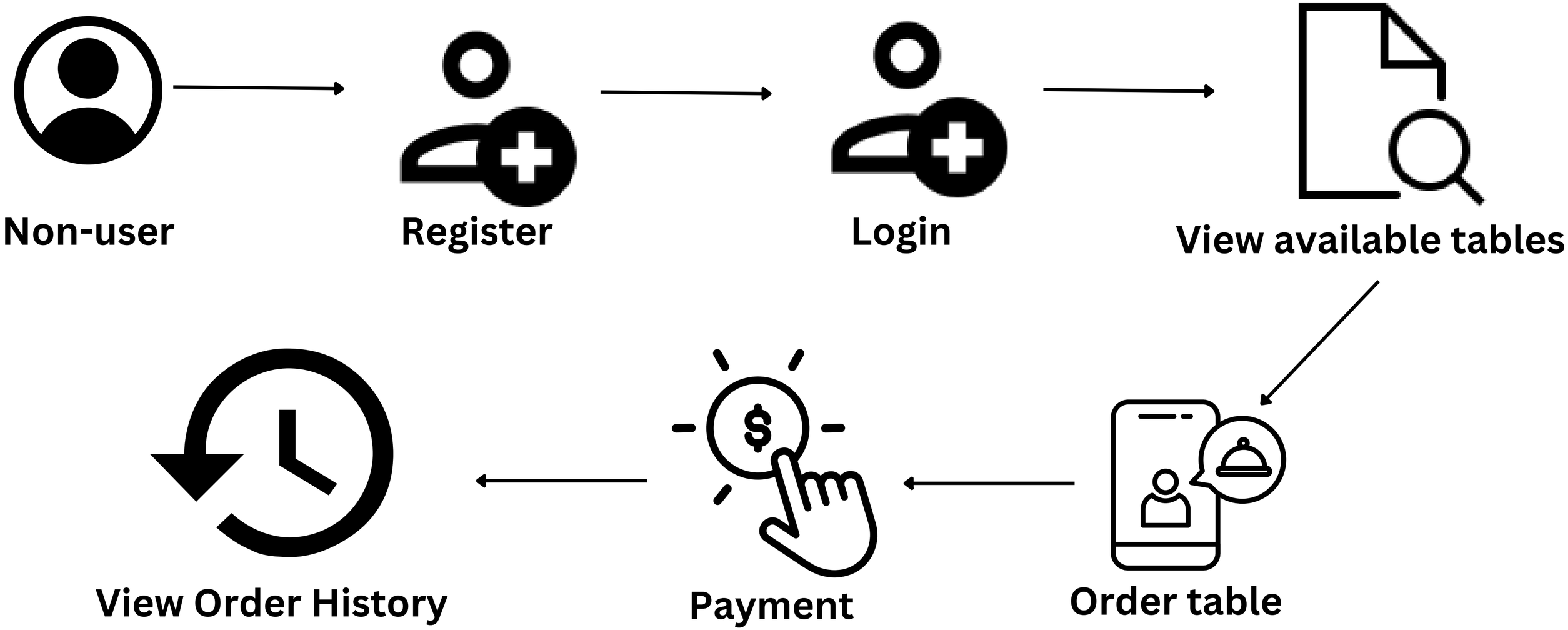
Front-End



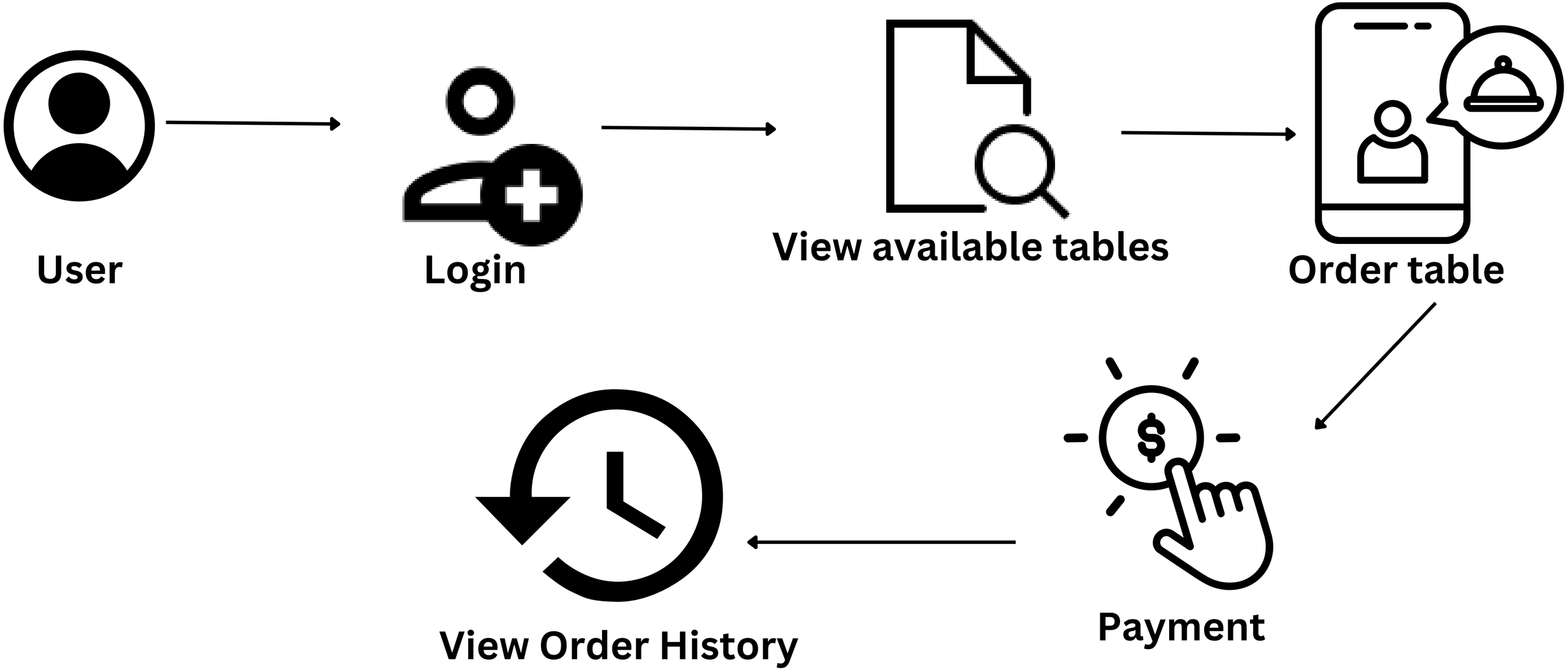
Back-End

4. Workflows

GUEST FLOW


Non-user
Register
Login
View available tables
Order table
Payment
View Order History

USER FLOW


User
Login
View available tables
Order table
Payment
View Order History

STAFF FLOW

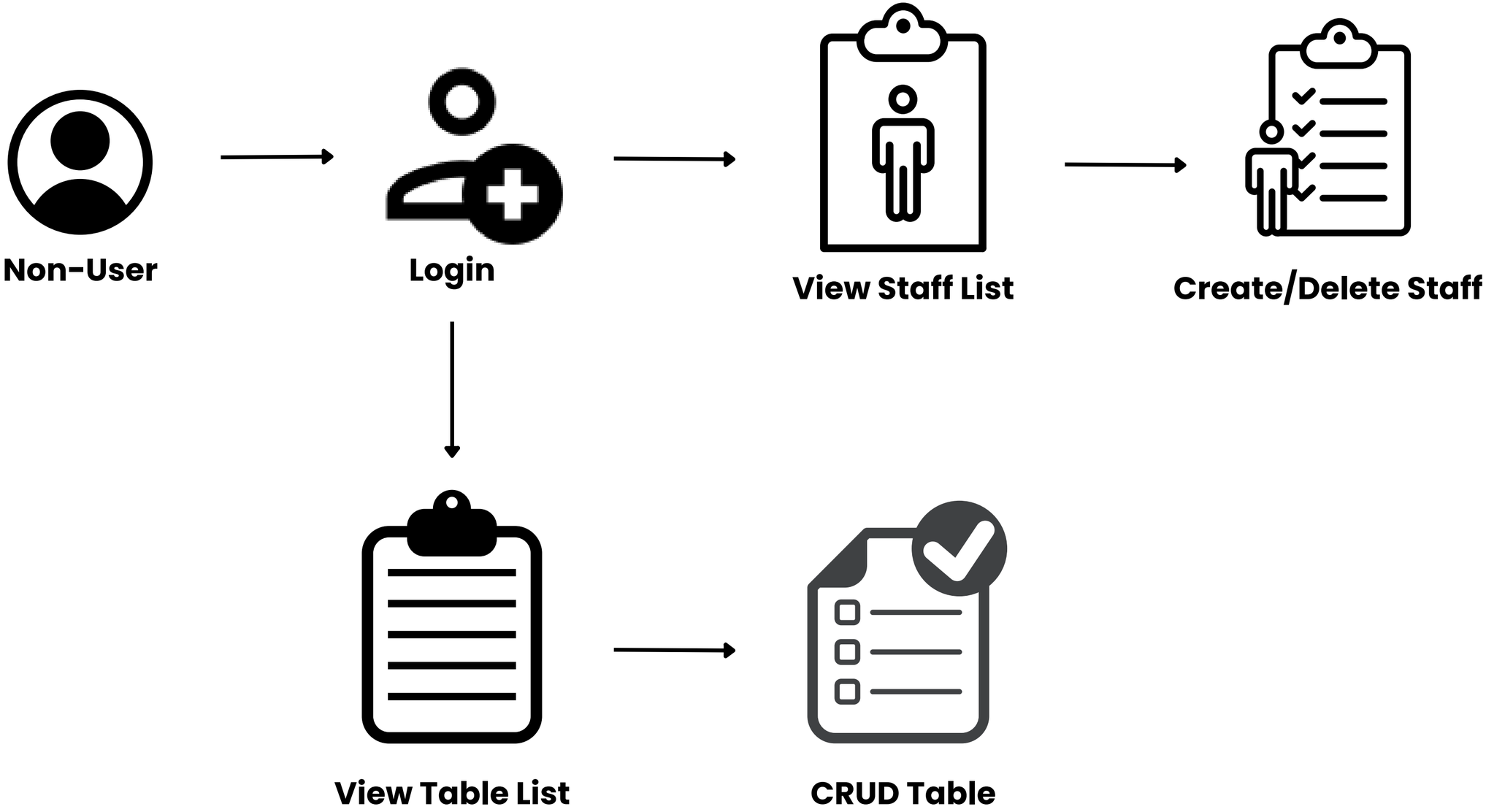
Non-User

Login

View Order List

Cancel/Verify/Finish Order

ADMIN FLOW


Non-User
Login
View Staff List
Create/Delete Staff
View Table List
CRUD Table

5. Demonstration

CHÚC MỌI NGƯỜI THI TỐT
VÀ PASS MÔN NHÉ !!!