



Online Reservation Salon System

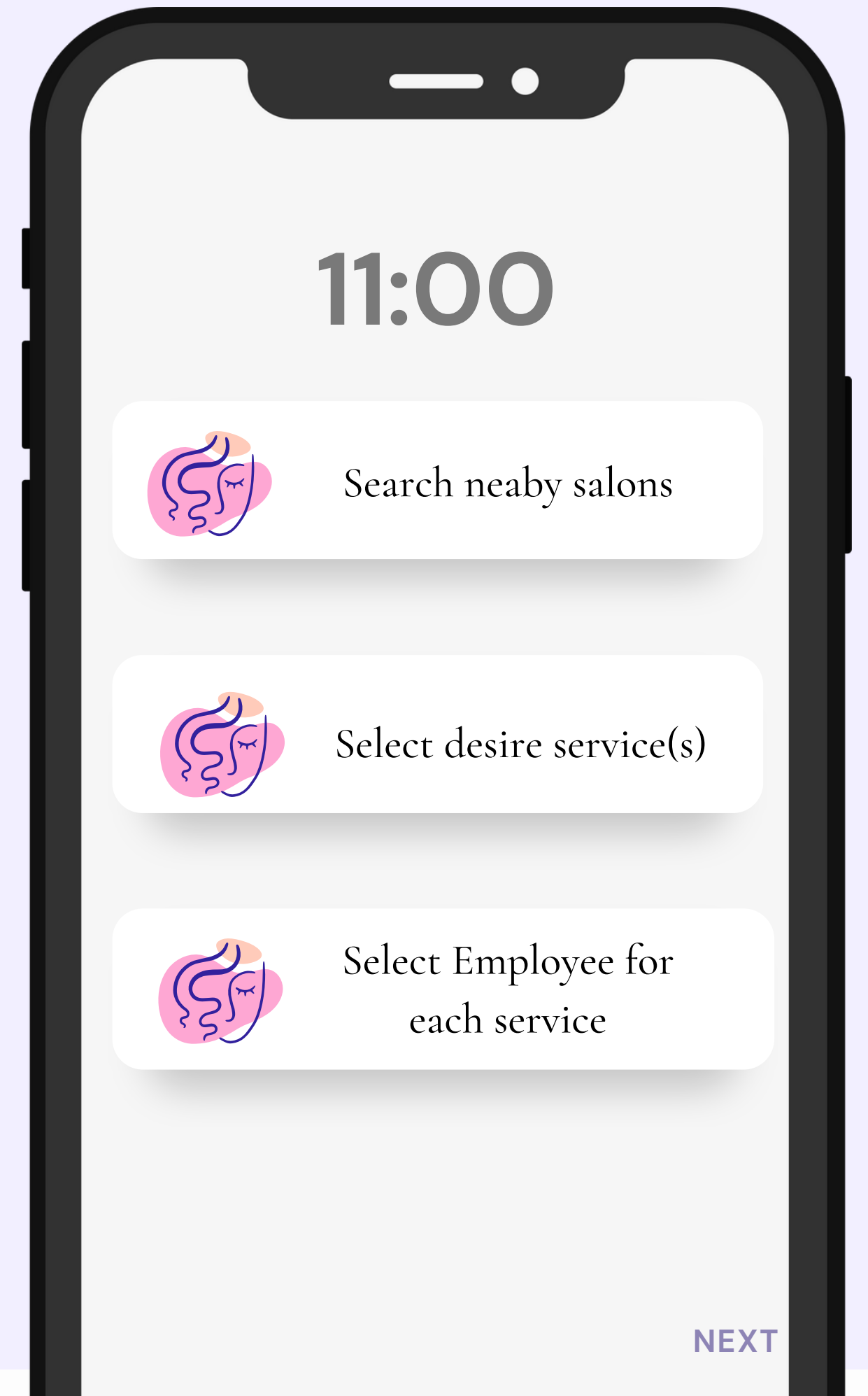
GROUP MEMBERS:

Yara Tariq Bashmail – Raghad Ahmed Askool –
Dona Ahmed Althunayan – Rogayah Mohammed Garout

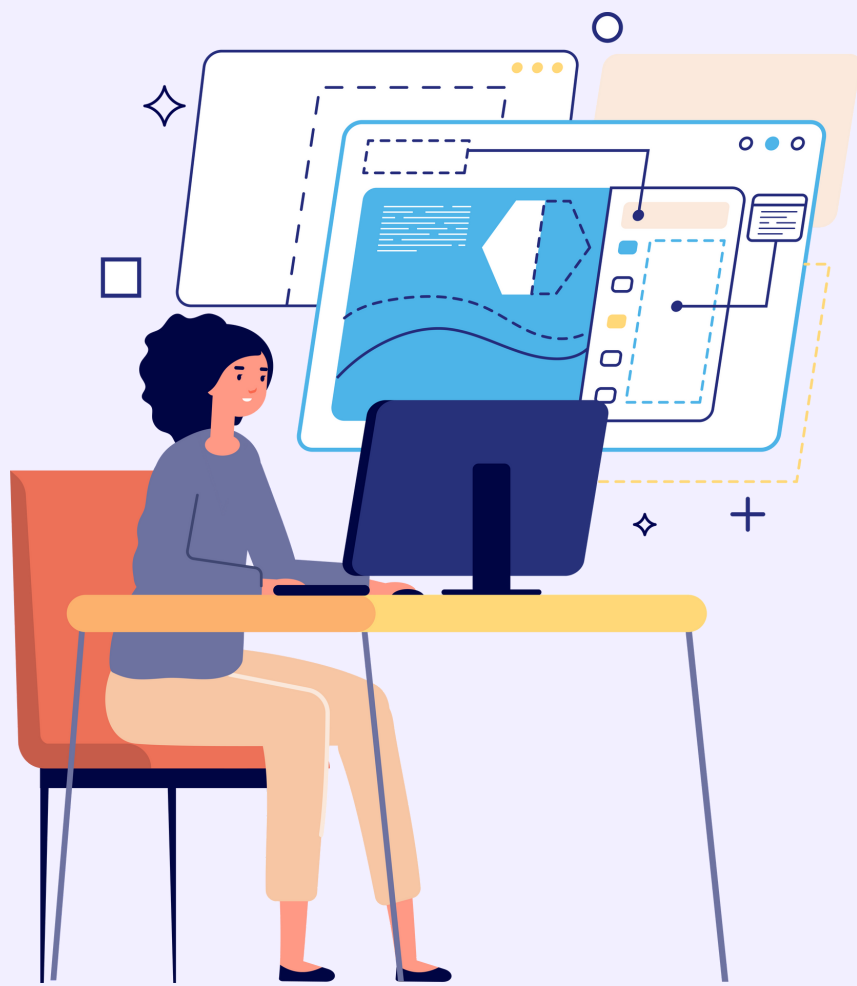
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Introduction

The concept of the project is to create an application that provides its users with surrounding salons. The system simply exhibits salons in the vicinity and facilitates communication between the establishments and their clients.



Goals of the Project



Gathering city salons in one system to make it easier for women to know the best salons.

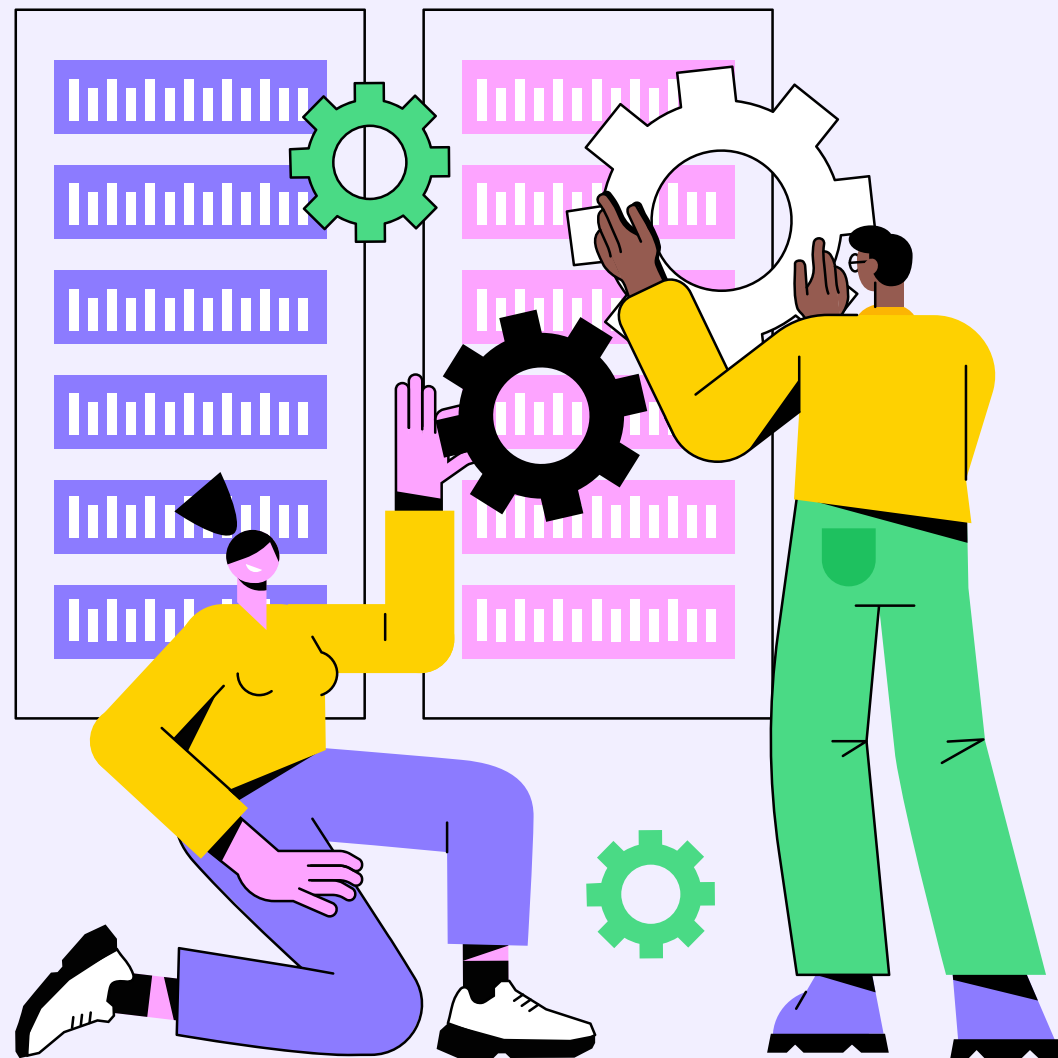


Facilitate the process of booking an appointment or postponing it.



Facilitate the communication of beauty centers with customers and vice versa.

Functional Requirements



ID	REQUIREMENT DEFINITION
FR1	Create an account
FR1.1	The system shall enable the user to create an account .
FR2	send acceptance message
FR2.1	the system shall display a text message confirming the customer's registration
FR3	login
FR3.1	the system allows all the customers to enter the system with their supposed username and password
FR4	select the city
FR4.1	The system shall view the available cities to the customer to allow him to choose one of the available cities .
FR5	select salon
FR5.1	the system shall display the available salons at the selected city.
FR6	view available workers
FR6.1	the system shall view the available workers to the customer to select one .
FR7	insert services
FR7.1	the system shall enable the salon management to insert services.
FR8	show services
FR8.1	the system shall view the available services to the customer.
FR9	booking
FR.91	the system shall enable the customer to book an appointment.
FR10	issued bill
FR10.1	The system shall allow the salon management to issues a bill.
FR11	payment
FR11.1	The system shall allow the customer to pay in multiple ways.
FR12	Evaluate
FR12.1	The system shall enable the customer to write evaluation about his appointment.

Interface

Requirement:

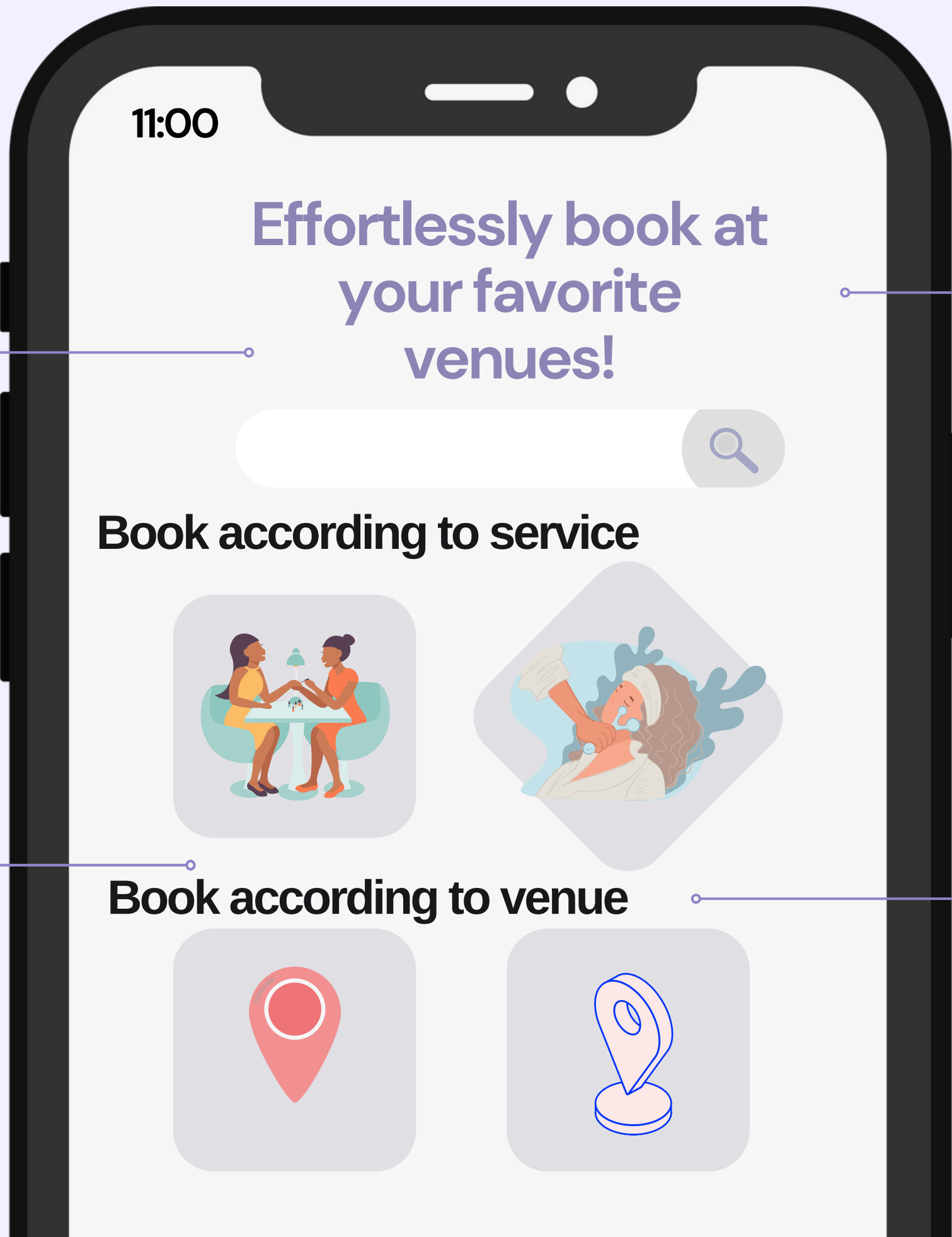
The customer interface displays the services with working days, and time available to book and shows any previous reservations.

The salon management interface displays the filed for inserting new services, and workers and shows the customer appointment.

Security Requirement:

the program must provide integrity and saves the customers' information.

Program data must be protected from unauthorized



Regulatory /compliance requirement :

Only the salon management and their workers will be able to reach the system.

The database of the customers and their appointment information a functional audit trial.

Business Requirements:

The customer must log into the account before her information appears on the screen.

Clicking on the 'book' button to move the booking to the salon management to assign reservations or clicking on the evaluate button to write an evaluation.

Non-Functional Requirements

User Interface

- 1.The program must provide two interfaces; **one** for the entities and the **other** for the customers.
- 2.The program must provide an easy and simple interface that is usable for all customers.
- 3.The program provides a GUI (Graphical User Interface) that suits both salon management and customers.



Hardware Interface:

The hardware interface must be available on the entire computer for the developer and on any customer's devices.

Non-Functional Requirements

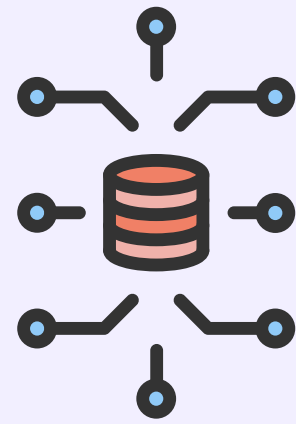
Security requirements:

- 1.The system must provide a login page: customers will need to log in each time they open the program and get a verification code sent to their phone numbers.
- 2.The program must allow only authorized users to improve the system.
- 3.The system shall allow the customers to access services and functionalities only to which they are authorized to.

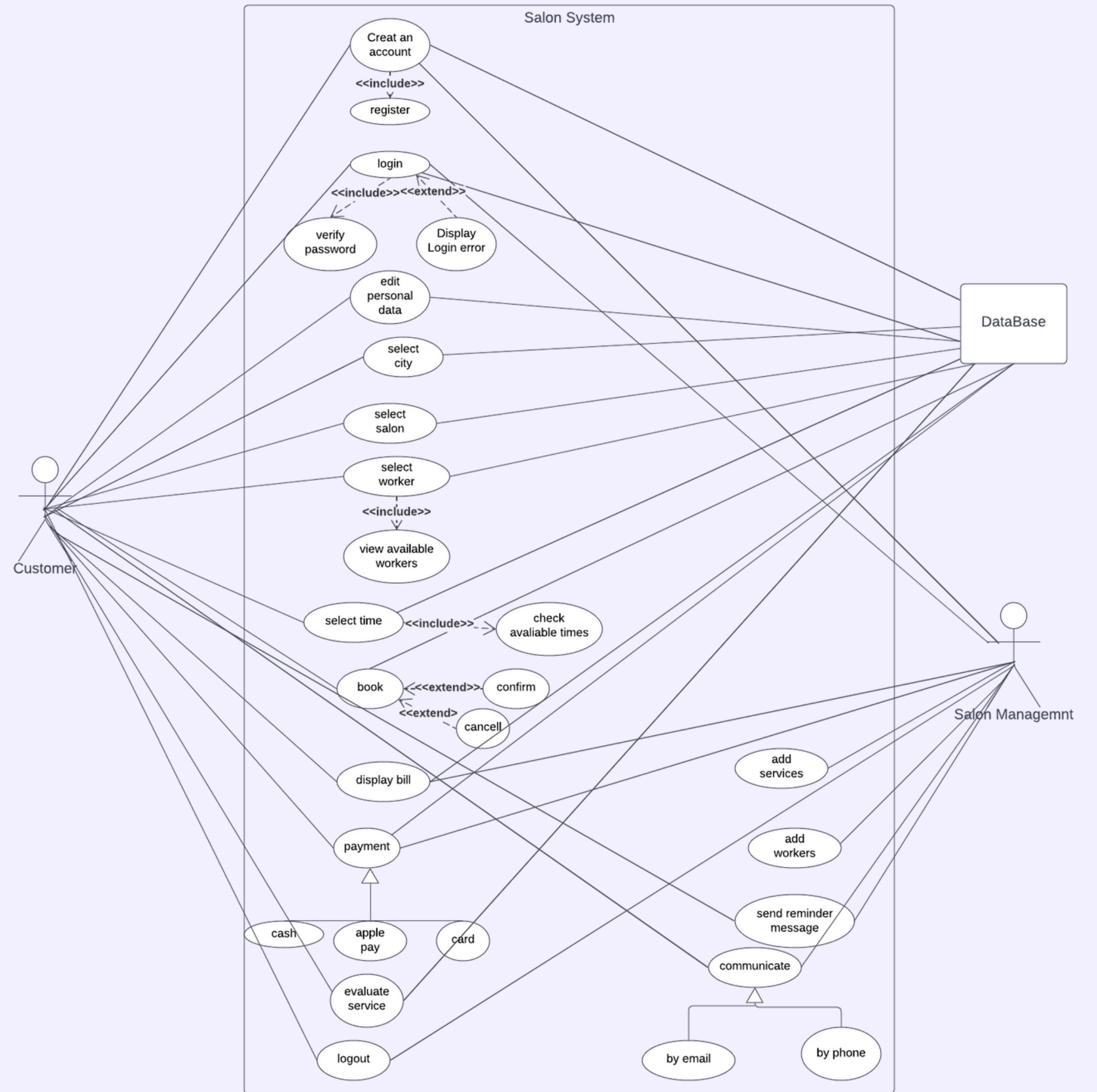
Software interface:

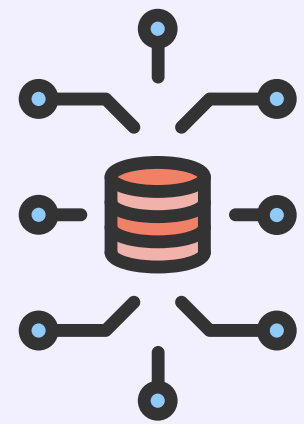
The program must communicate with the database to obtain needed information such as username, password, and customer information.





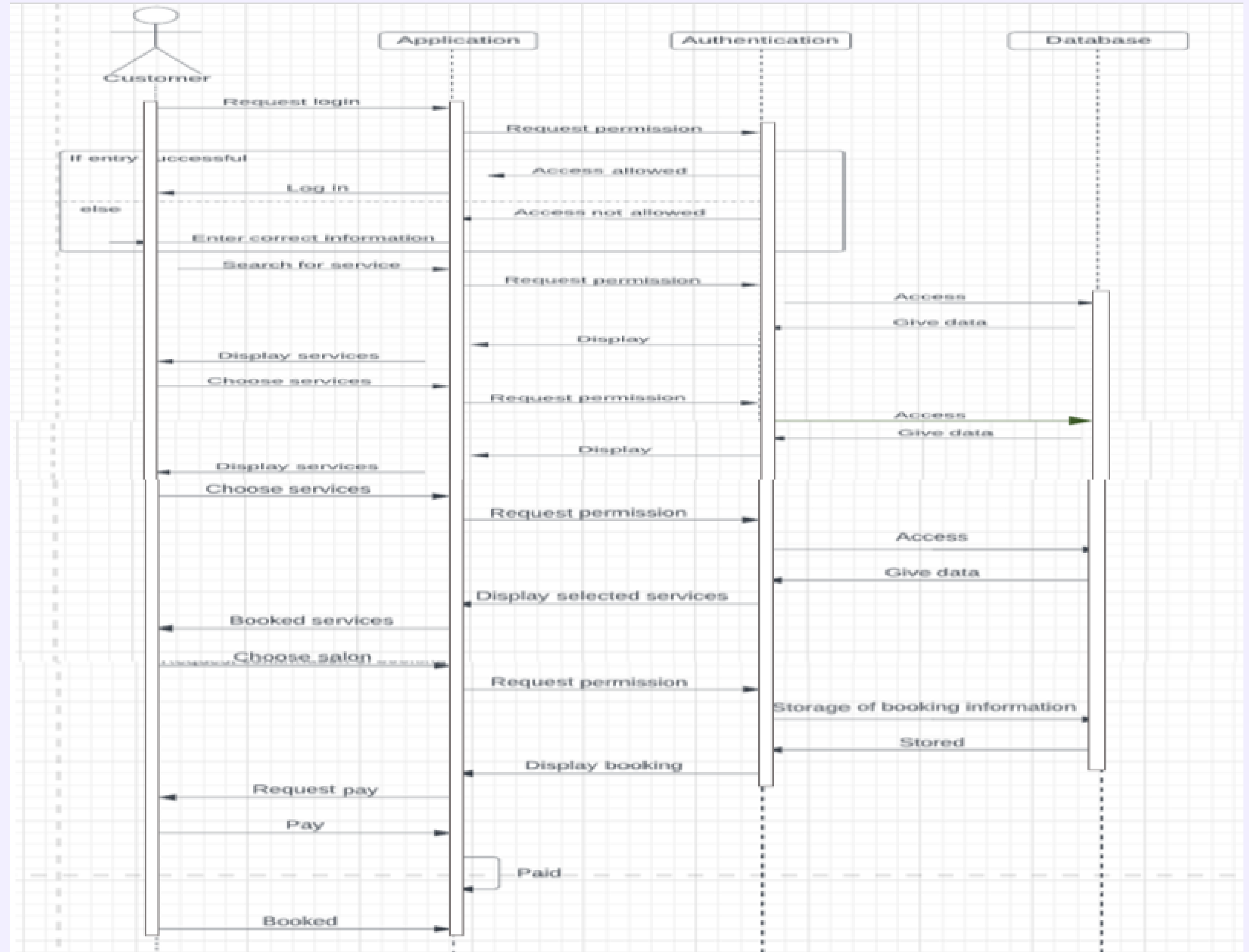
Use Case Diagram

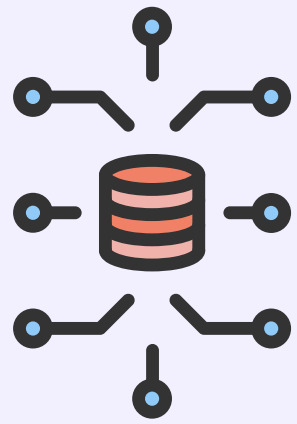




Sequence Diagram

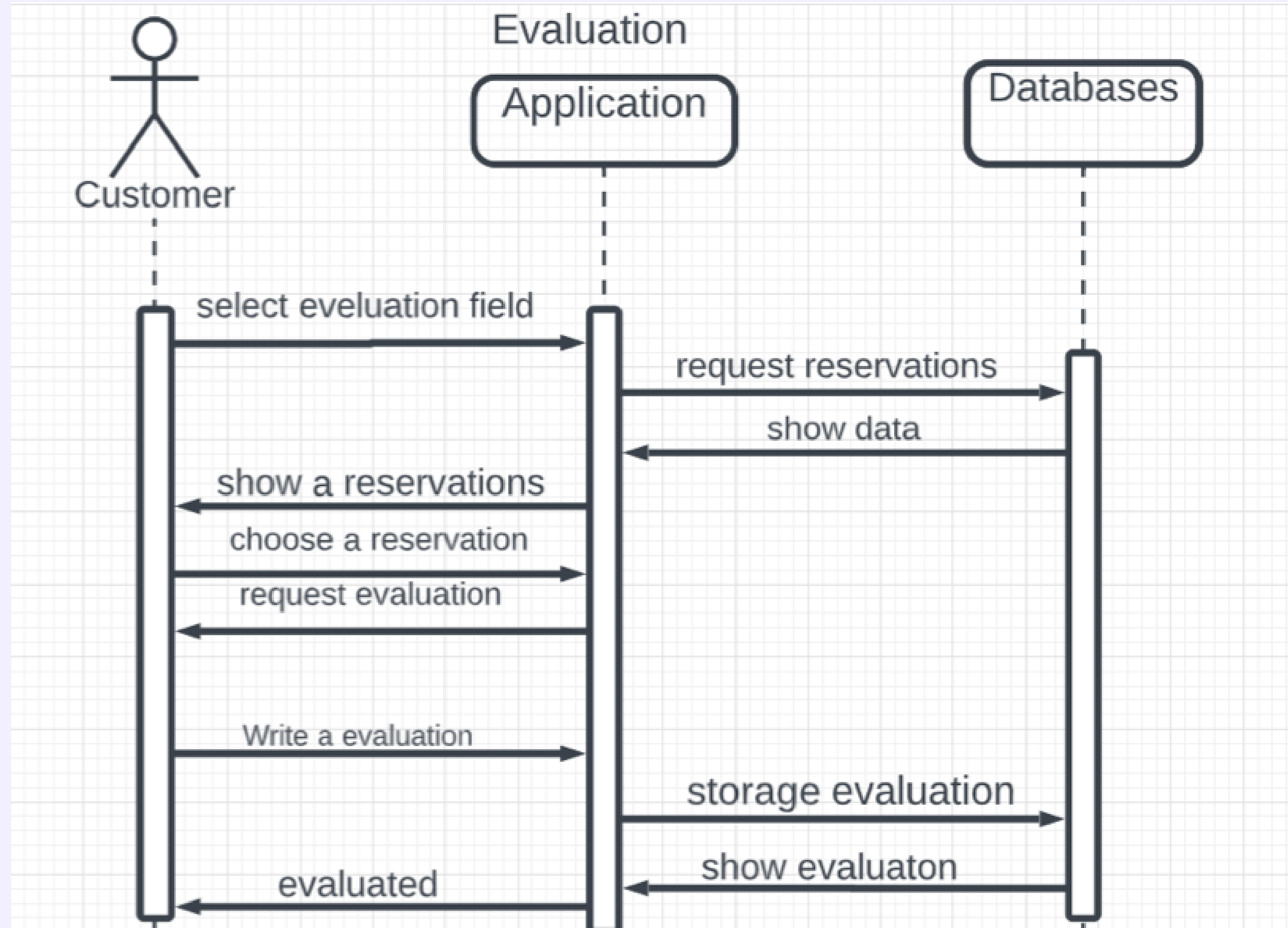
Booking an Appointment

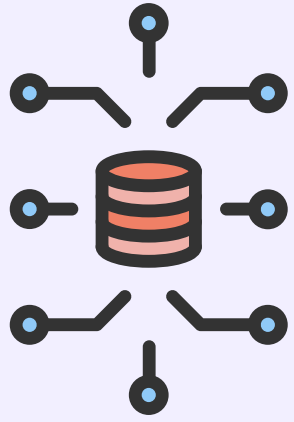




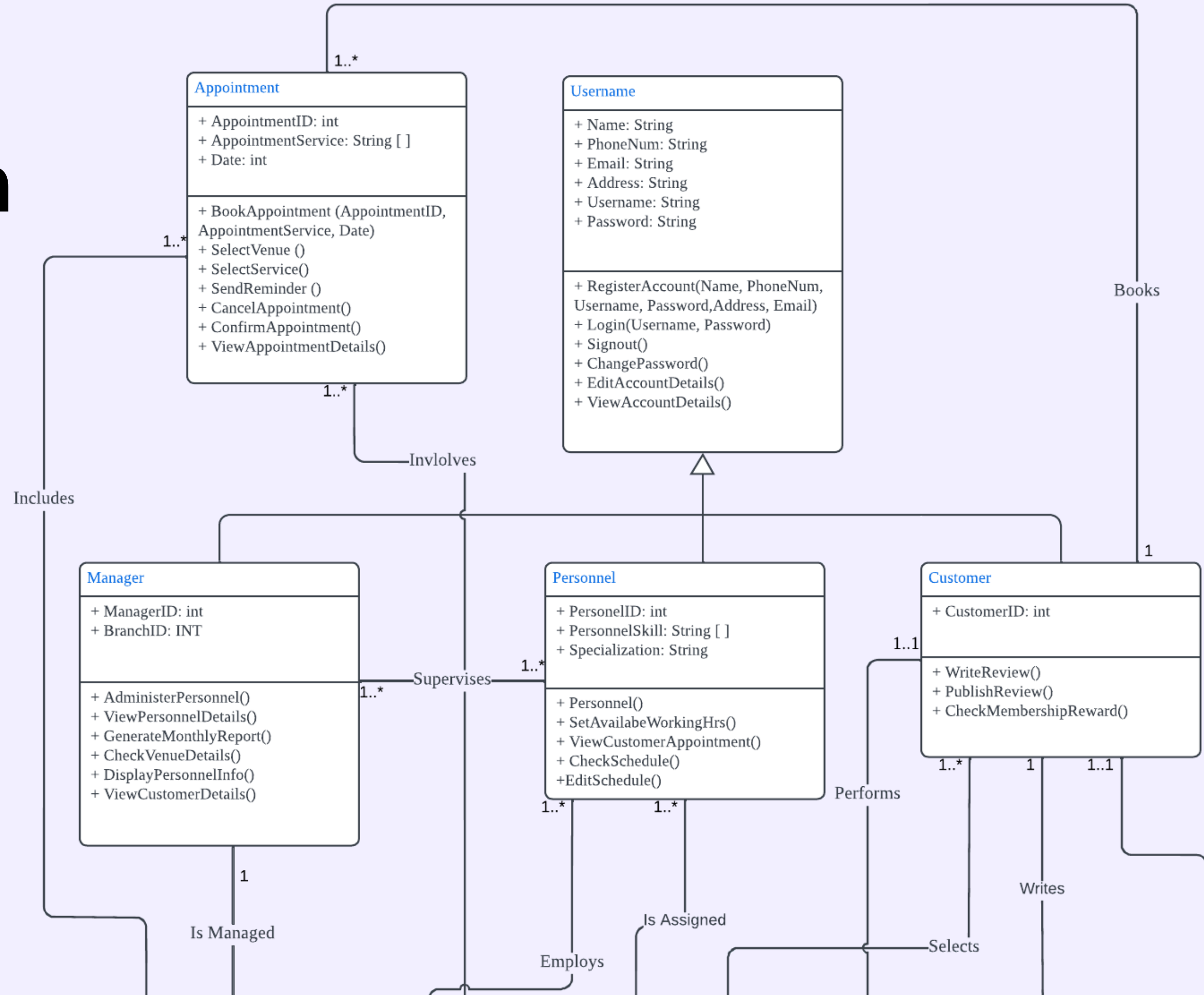
Sequence Diagram

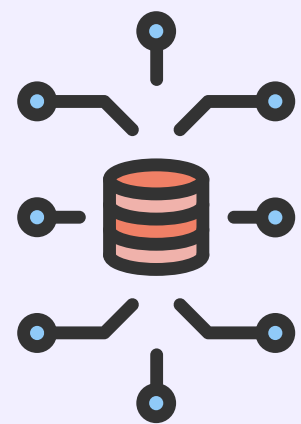
Writing an Evaluation



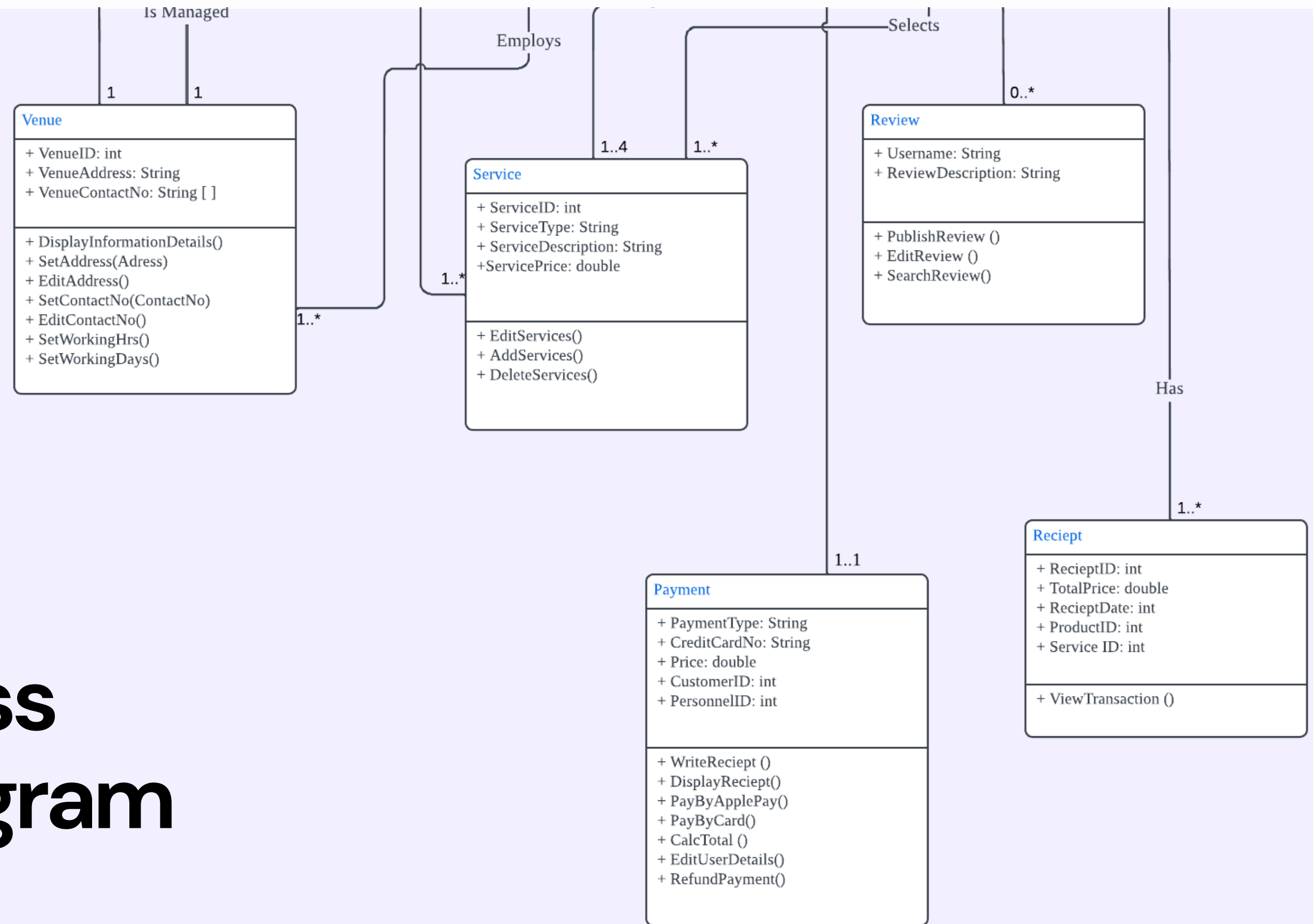


Class Diagram





Class Diagram





Thank you for listening!

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