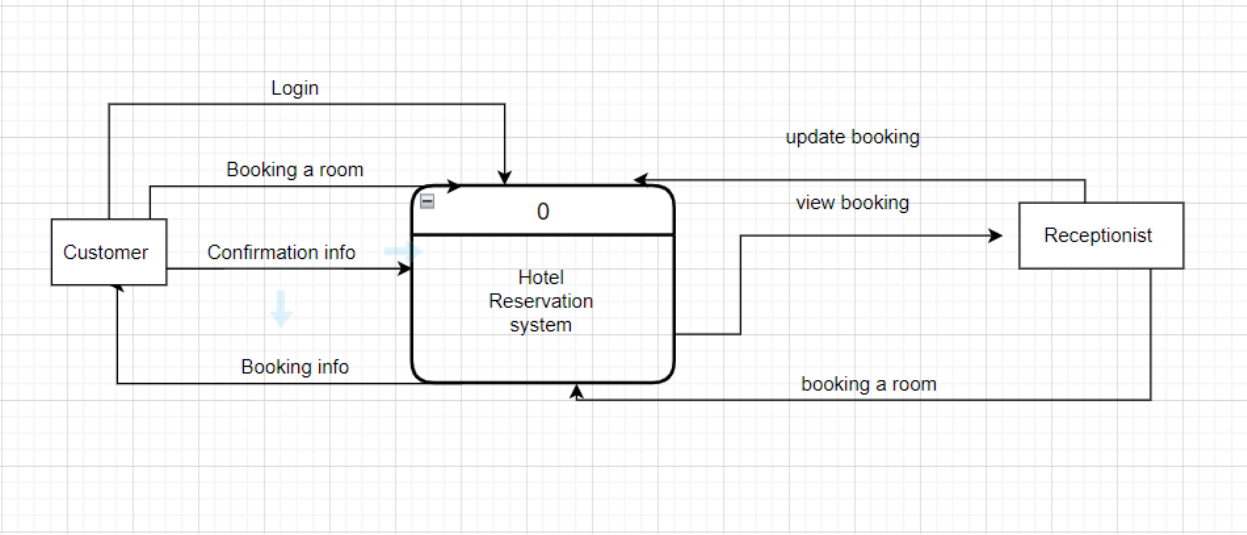
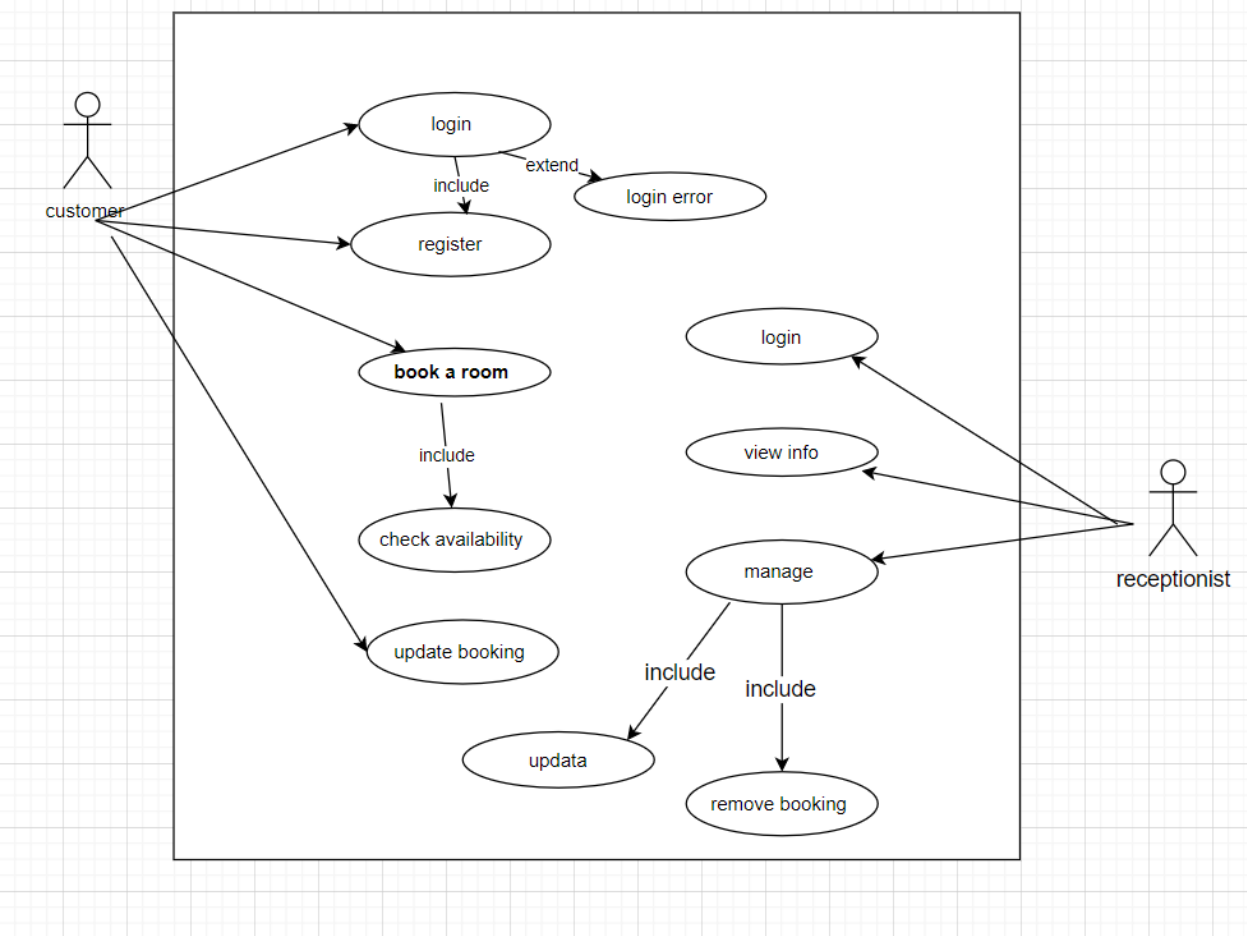
Introduction: The project is an online platform that will include managing customer profiles, managing rooms, booking and generating reports. User Requirements • The administration will act as an administrator and have full access to all system features. • The system has a front end where customers can view the rooms and other services of the hotel. • Customers will first need to register their information to use the hotel services - Administrator-provided content can be viewed - Login and checkout - Rooms can be added, edited, and deleted - Room type can be added, modified and deleted - Customer account can be modified or deleted - Can book rooms .

This project aims to provide the user with online hotel accommodation reservation. The system will take the user's start and end dates and check the availability of rooms. The number of guests and room reservations for the user must be verified. He can also modify the dates of the reservation. This is a simple user interface that displays information about the hotel, its contact address, and hotel amenities.

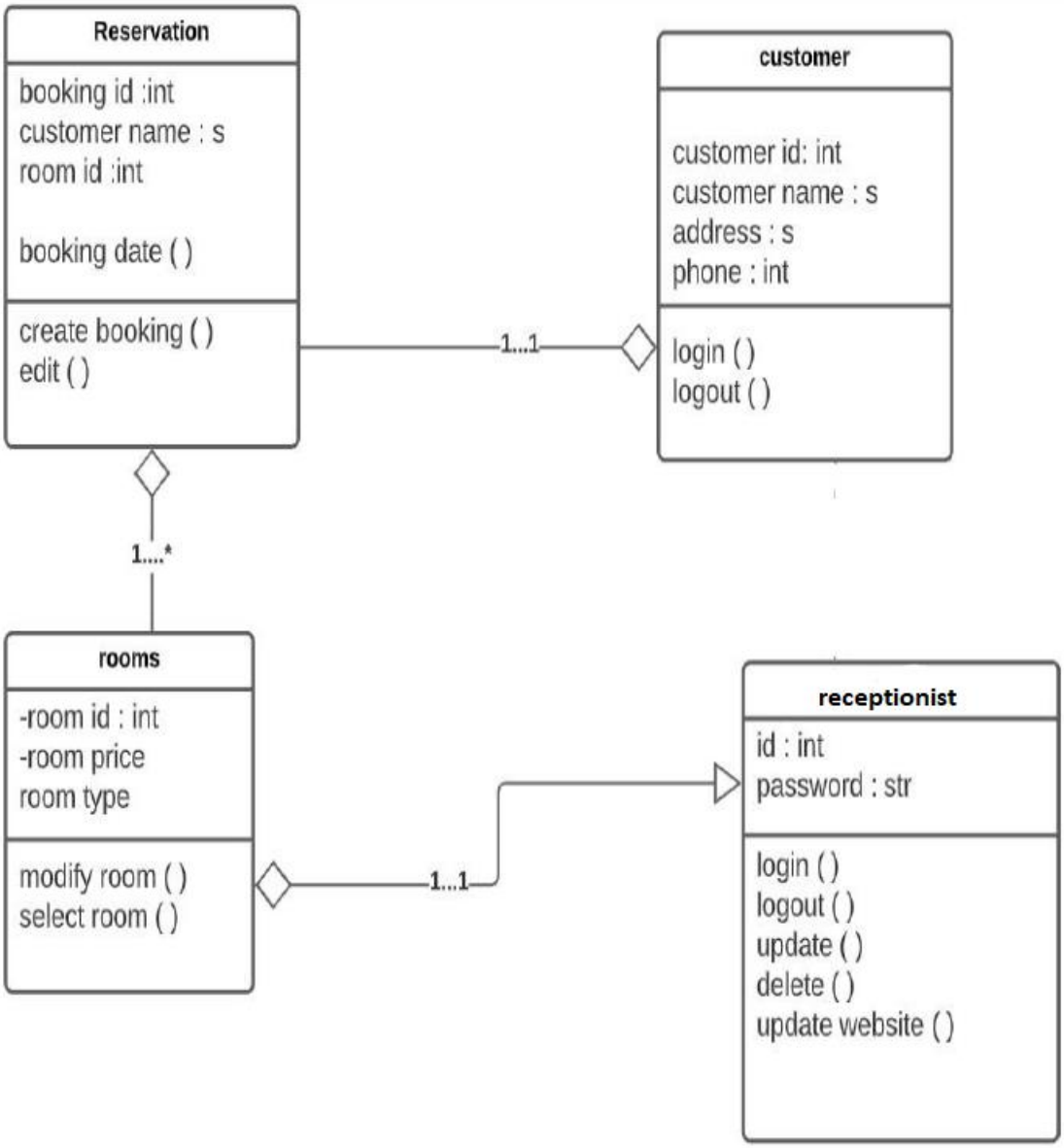
Context diagram:



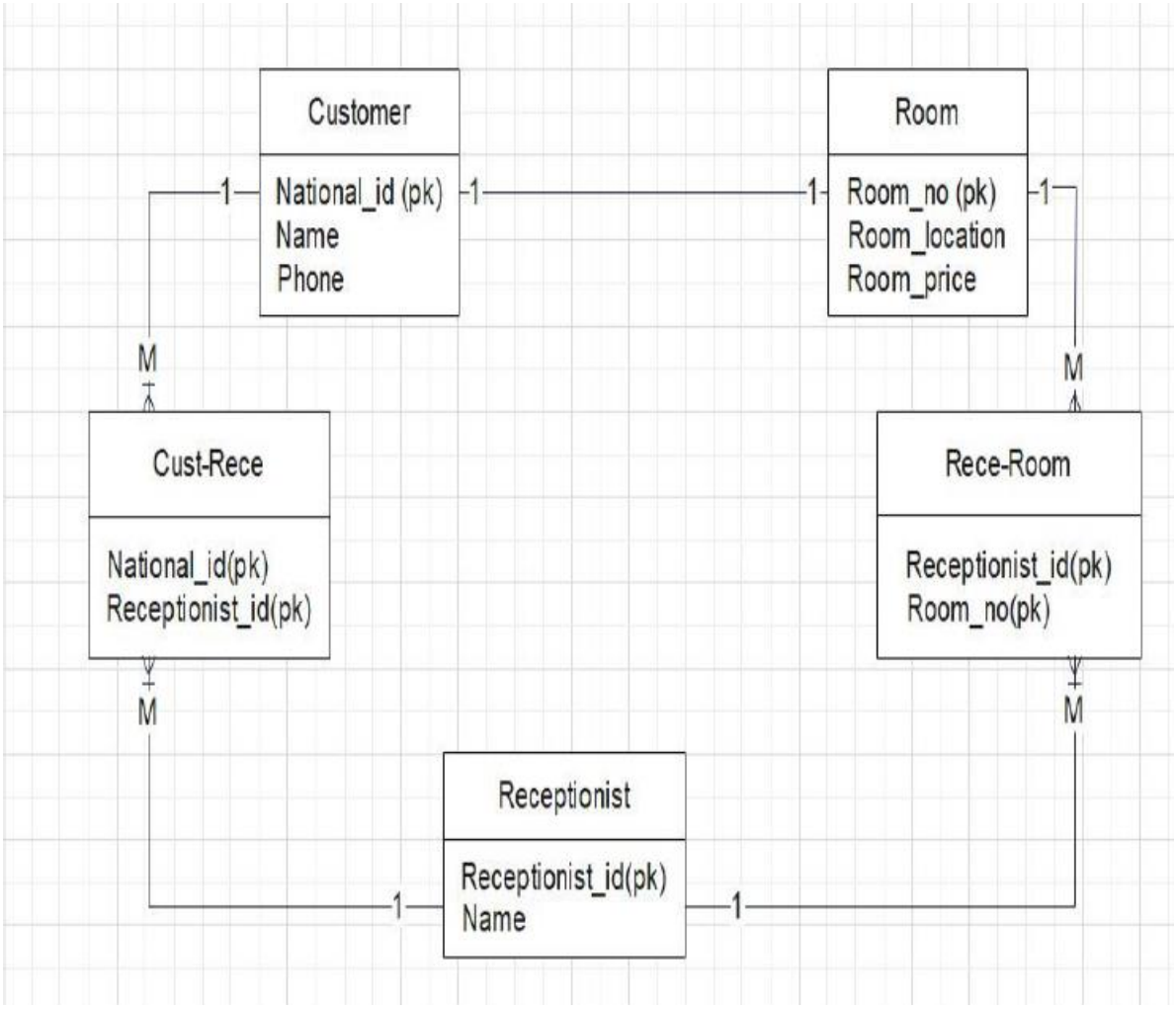
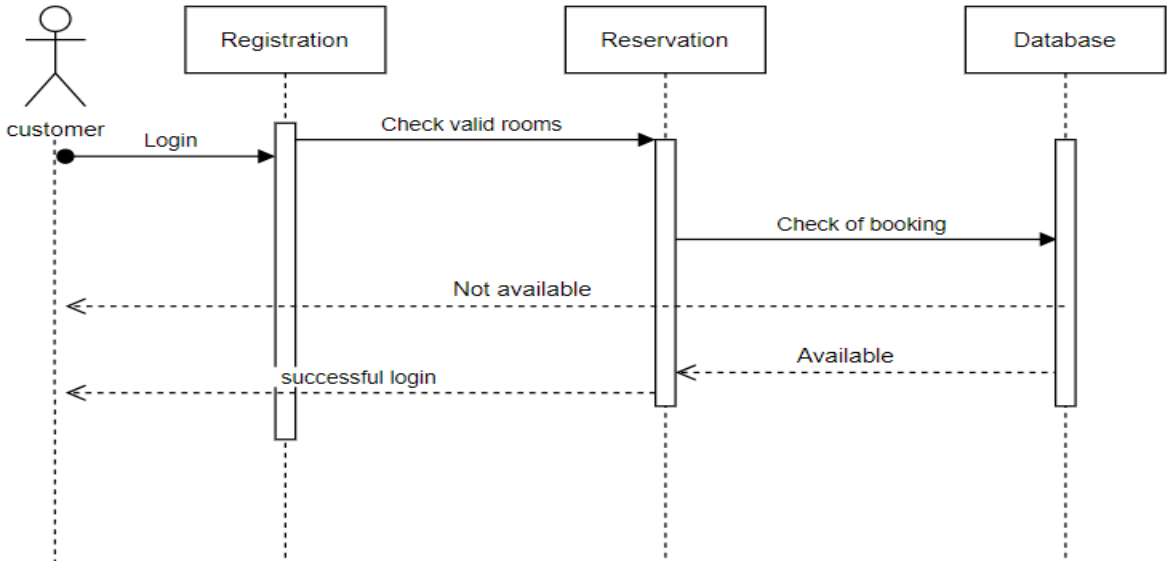
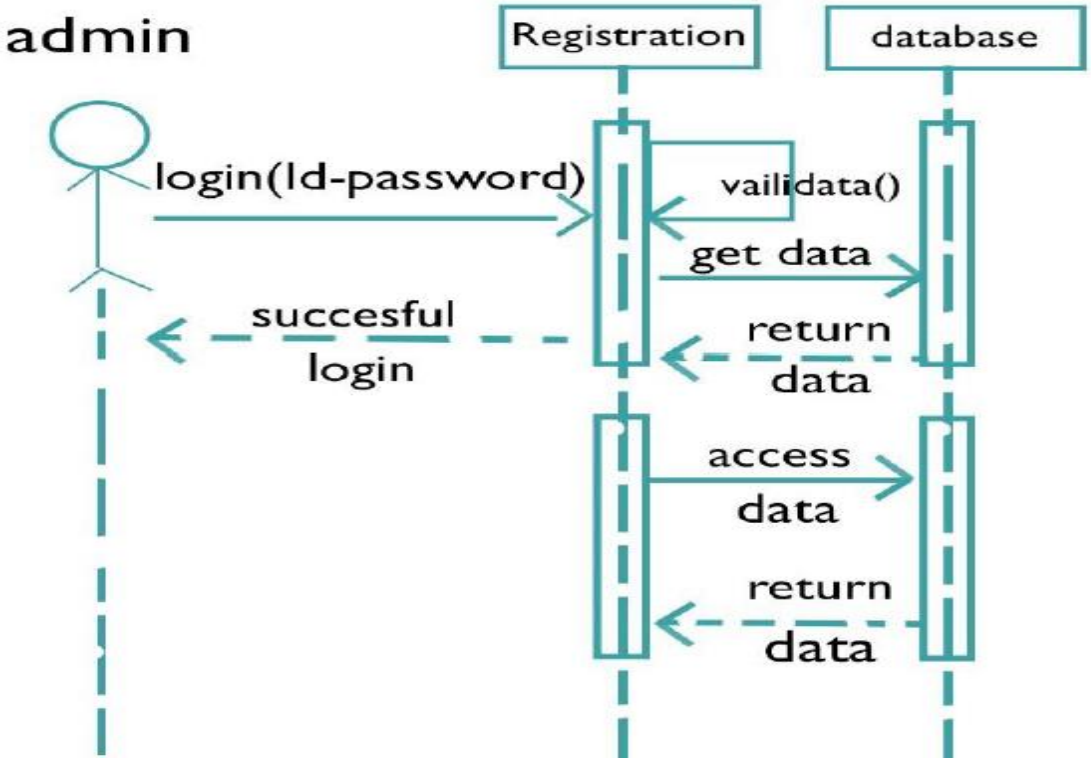
Use case :


customer
login
extend
include
login error
register
book a room
include
check availability
update booking
login
view info
manage
include
include
updata
remove booking
receptionist

Class diagram :



ERD :


Customer
National_id (pk)
Name
Phone
Room
Room_no (pk)
Room_location
Room_price
Cust-Rece
National_id(pk)
Receptionist_id(pk)
Rece-Room
Receptionist_id(pk)
Room_no(pk)
Receptionist
Receptionist_id(pk)
Name
1
M

Sequence Diagram :