

HAVENINN

Hotel Management System

INTRODUCTION

HavenInn is an Hotel Management System that automates the major operations of the hotel. It simplifies the day-to-day processes of the hotel. The system will be able to handle multiple tasks in an efficient manner. Ease of use and most importantly the efficiency of information retrieval are some benefits of the system. The system will be user-friendly, provide easy recovery of errors, and have an overall end-user high subjective satisfaction.

PROBLEM

The processes of manually recording reservations and assigning rooms to guests were all done on paper without tracking the status of the rooms, such as how many rooms were reserved, and how many rooms were available.

PROBLEM 1

Hoteliers managed data either by using sheets or by maintaining files

PROBLEM 2

Hoteliers had to shift through numerous documents to find a single piece of information

PROBLEM 3

Leads to issues like overbooking or double-booking followed by guest dissatisfaction



SOLUTION 1

Automates the process of making reservation.



SOLUTION 2

Easy management of Staffs, Room and Reservation Details.



SOLUTION 3

Role based Authentication and Authorization for security.

SOLUTION

How HavenInn solves the problems faced

3 USER LEVELS IN HAVENINN

Owner has the privilege of monitoring and authorization of all the tasks handled by the system and manage the other users including their user roles and privileges.

Receptionist attain the goals of bookings and to ensure that all guests are treated with a high standard of customer service and they will least accessibility to the system functions.

Manager reduces the workload done by the owner by managing staff, rooms and inventories.

REQUIREMENTS

Software

Browser - Google Chrome || Apple Safari
|| Microsoft Edge

For Developers:

Language -
C#,HTML,CSS,Javascript/ES6, React JS
Framework - .NET Core 3.1
Database - SQL Server

Hardware

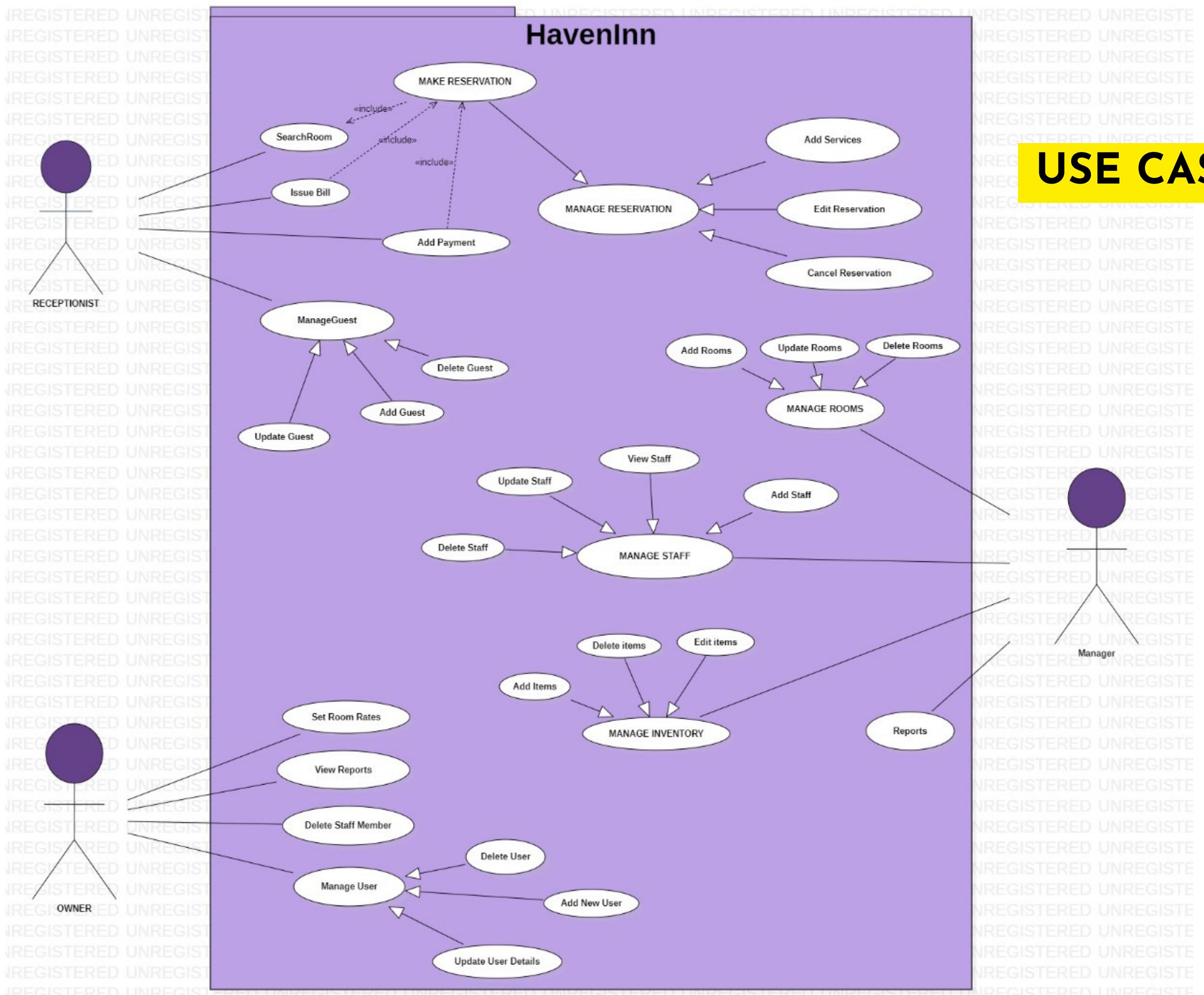
Processor - 3.3 gigahertz (GHz) or faster 64-bit dual-core processor with SSE2 instruction set.

Memory - 4-GB RAM || 8-GB RAM

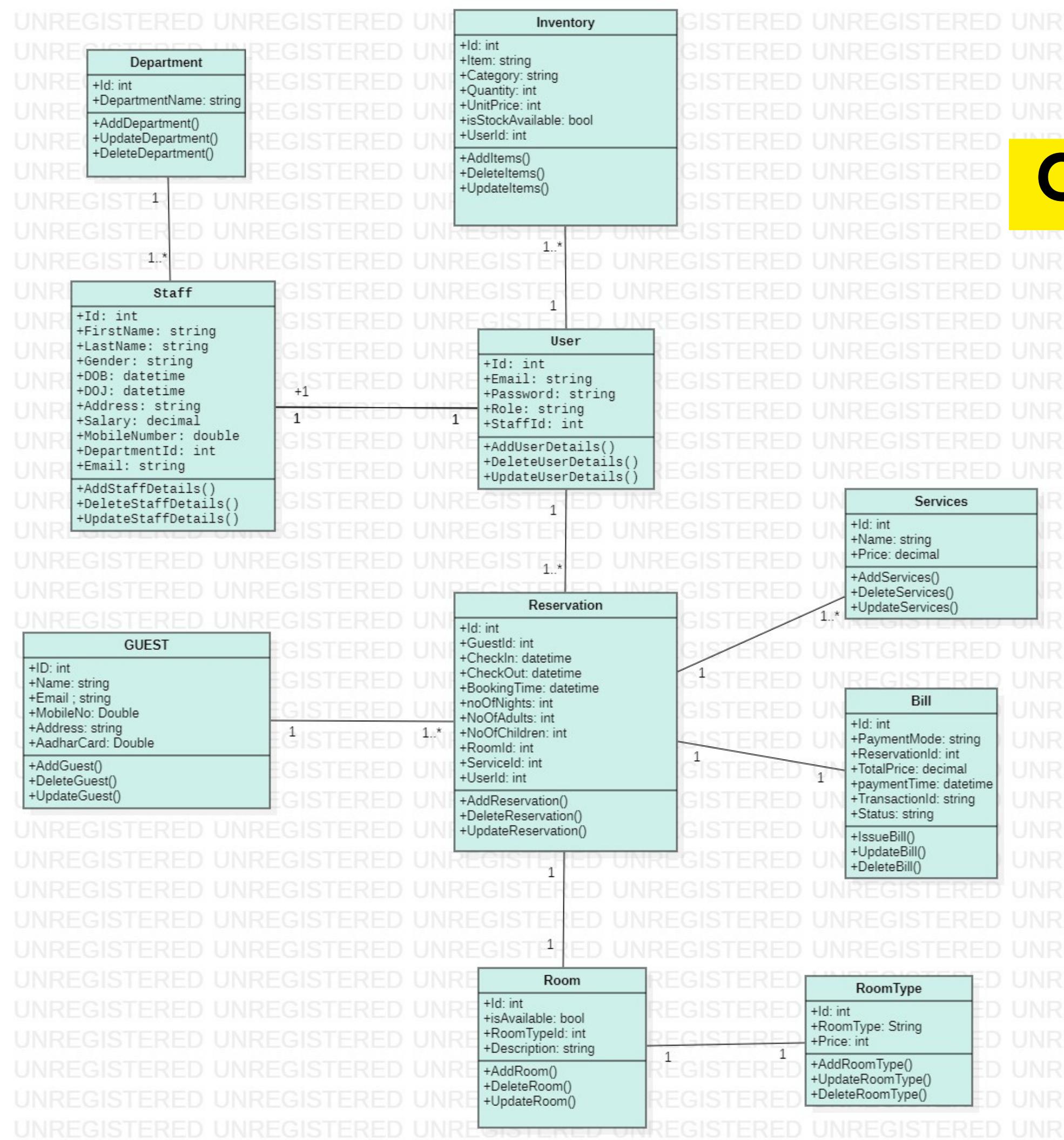
Display - Super VGA with a resolution of 1024 x 768

UML DIAGRAMS

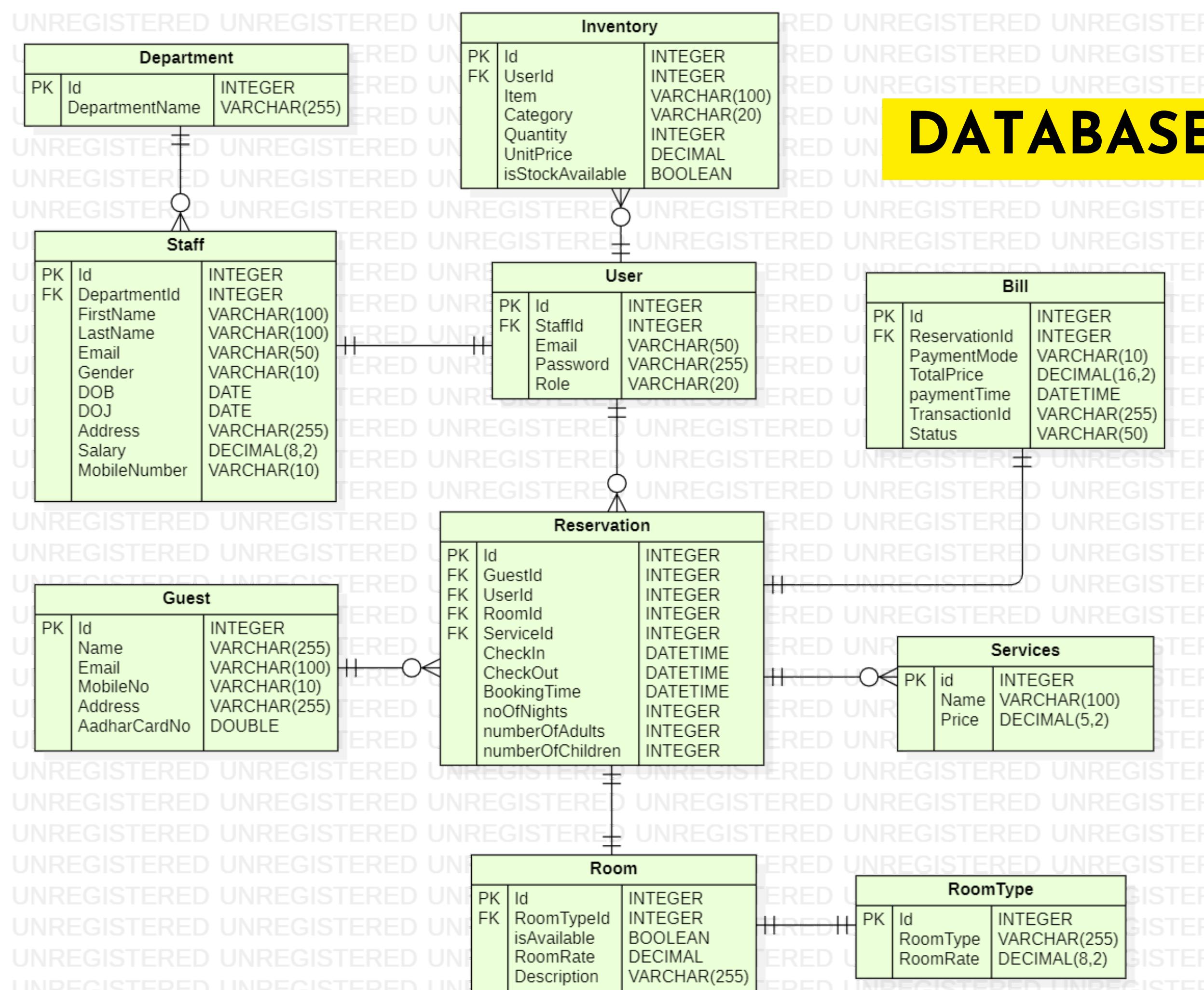
USE CASE DIAGRAM



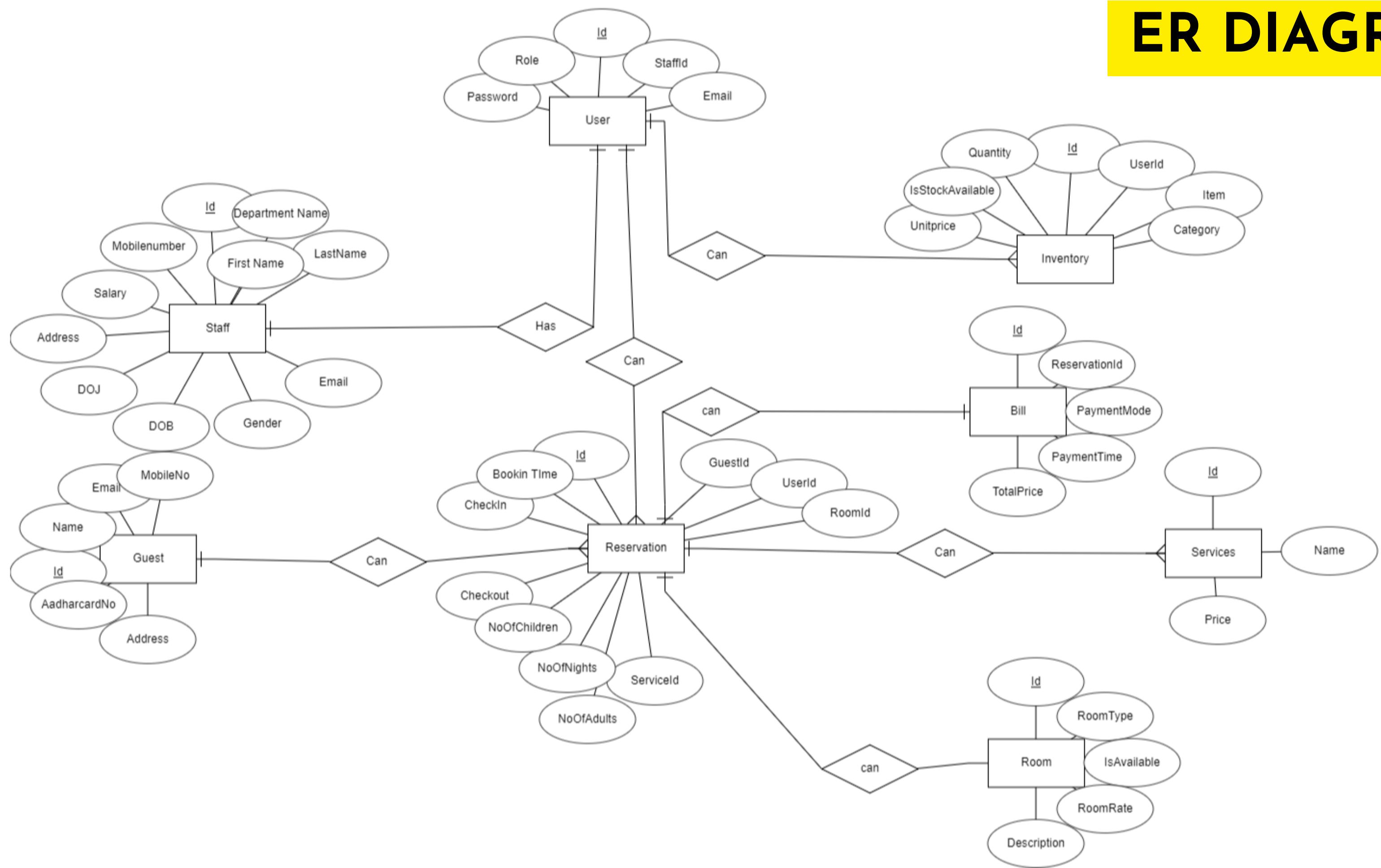
CLASS DIAGRAM



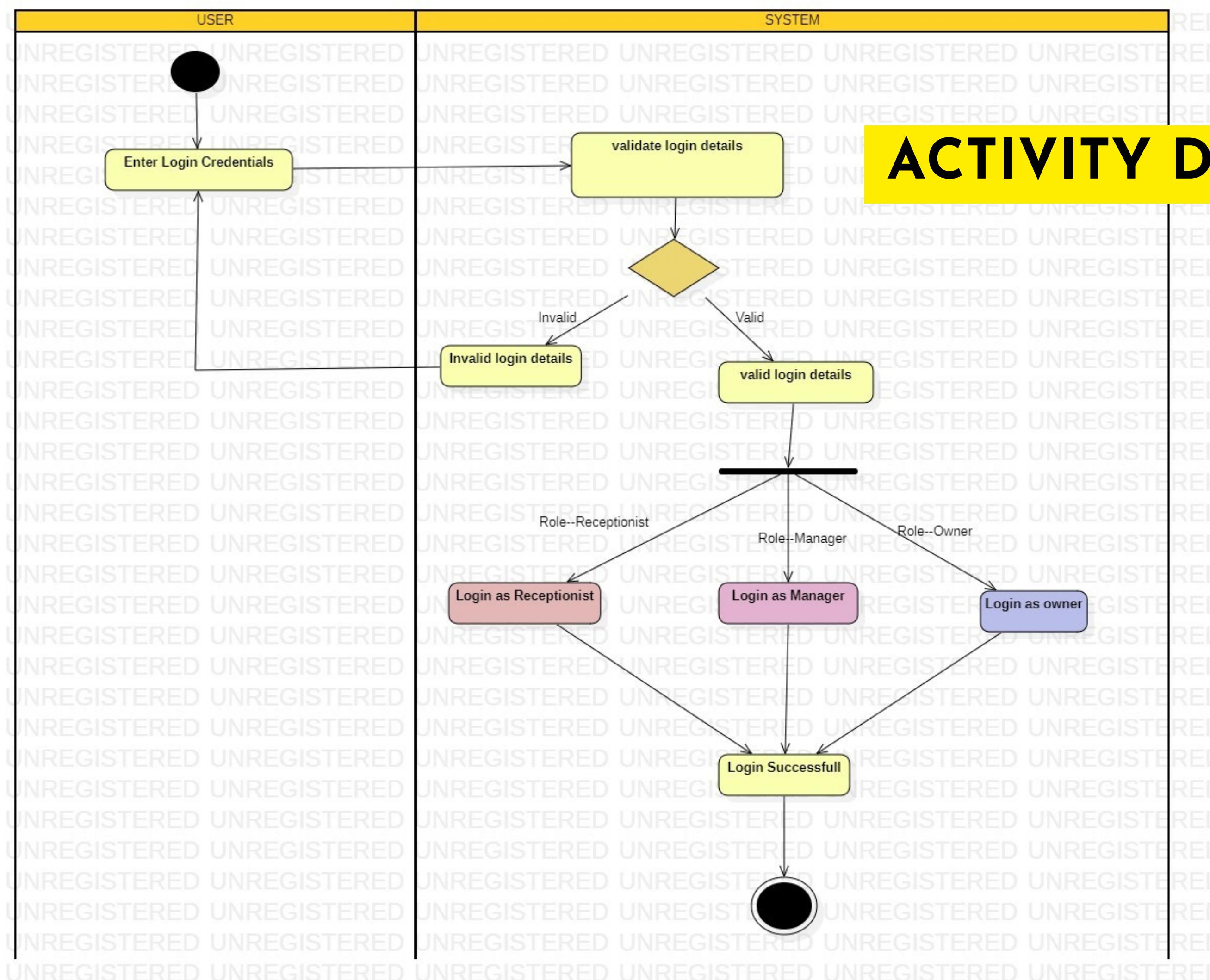
DATABASE DIAGRAM



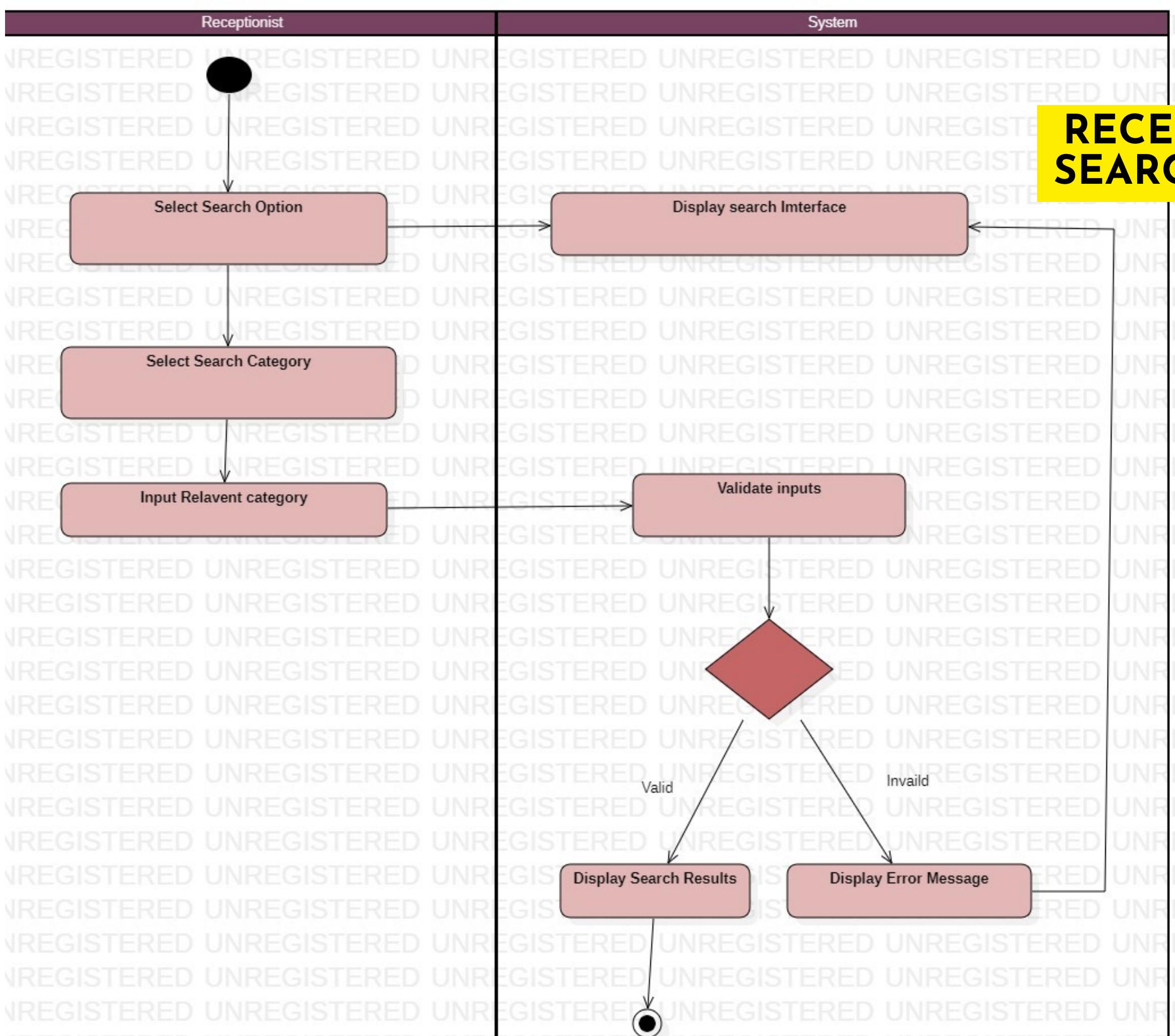
ER DIAGRAM

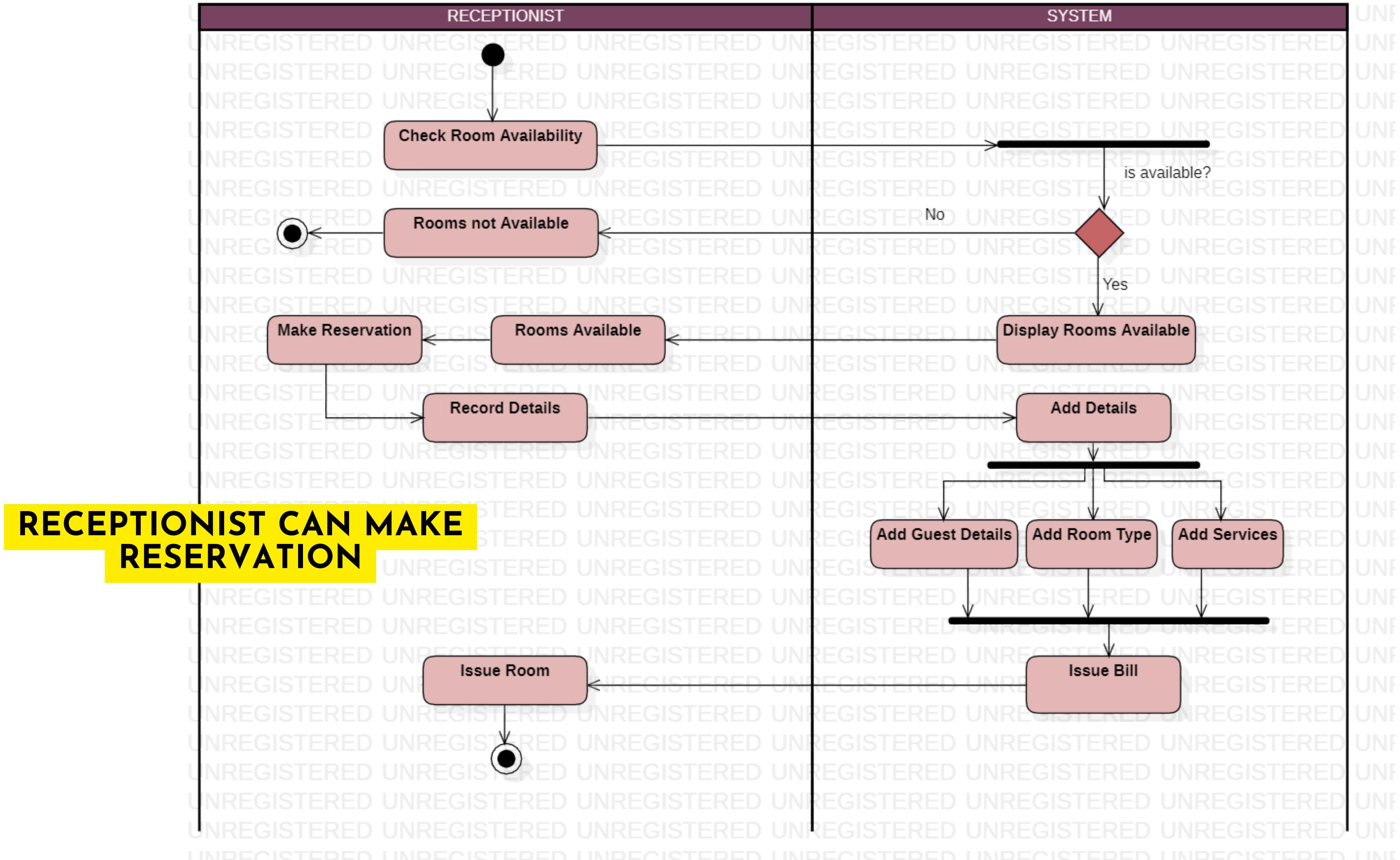


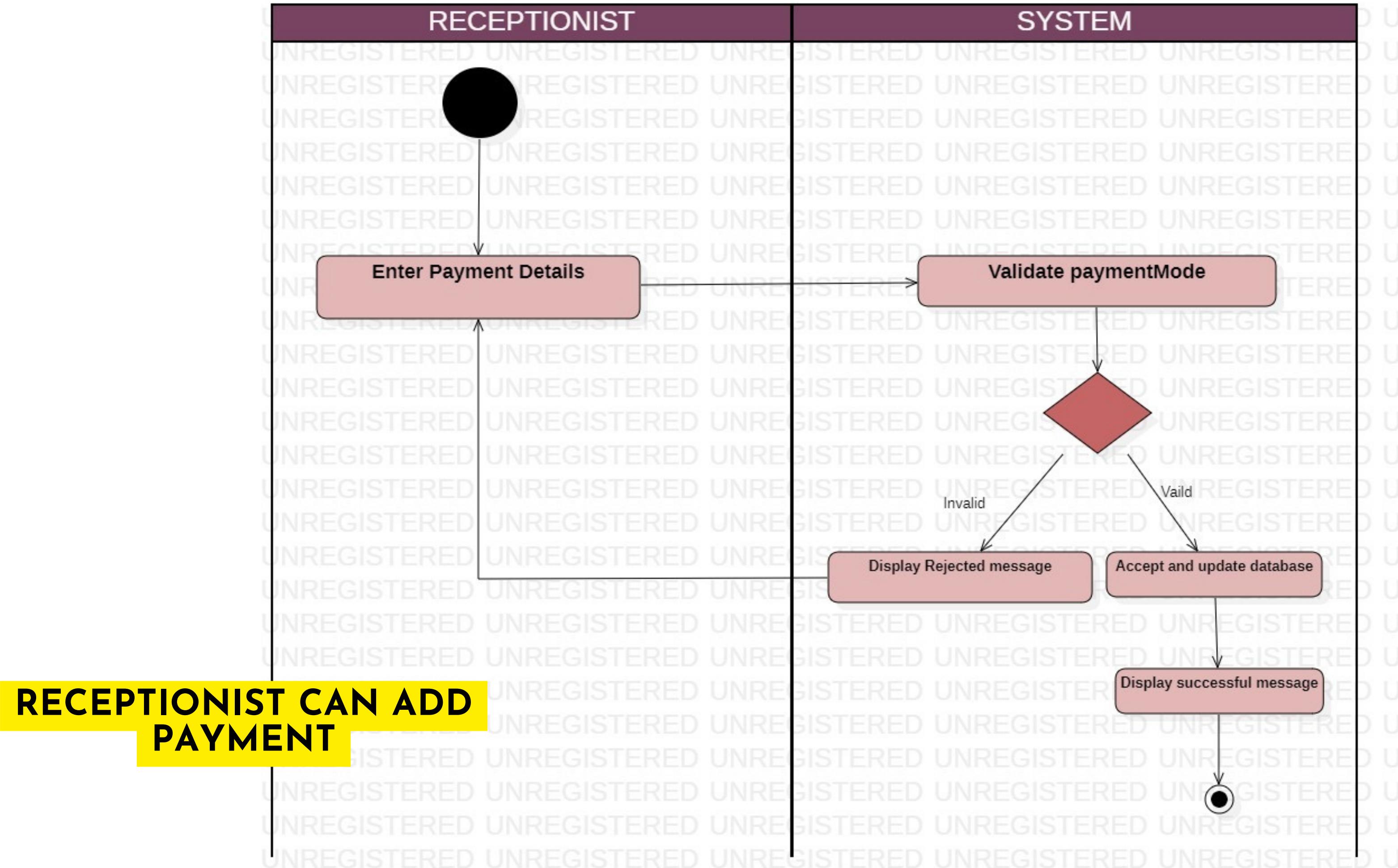
ACTIVITY DIAGRAMS

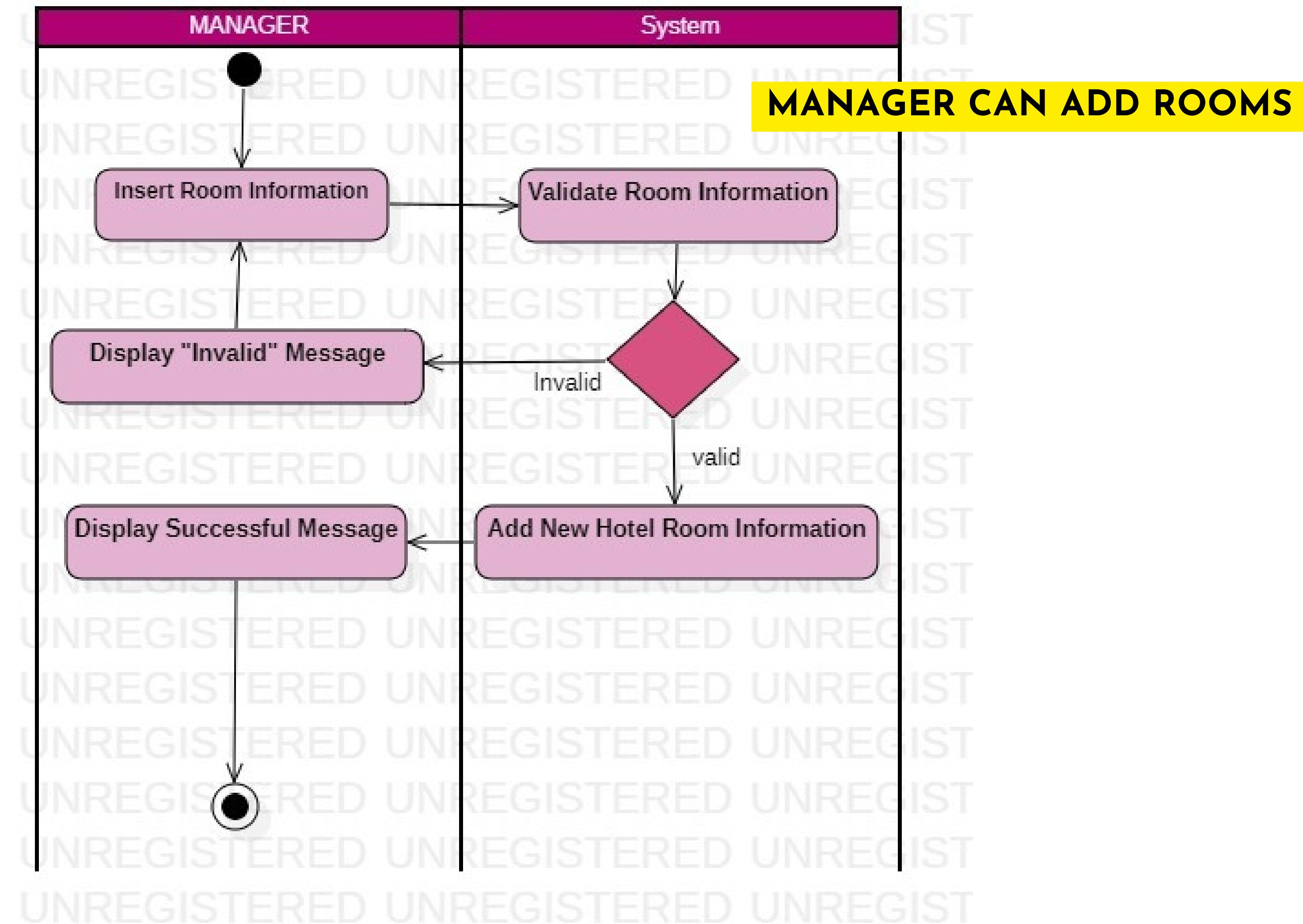


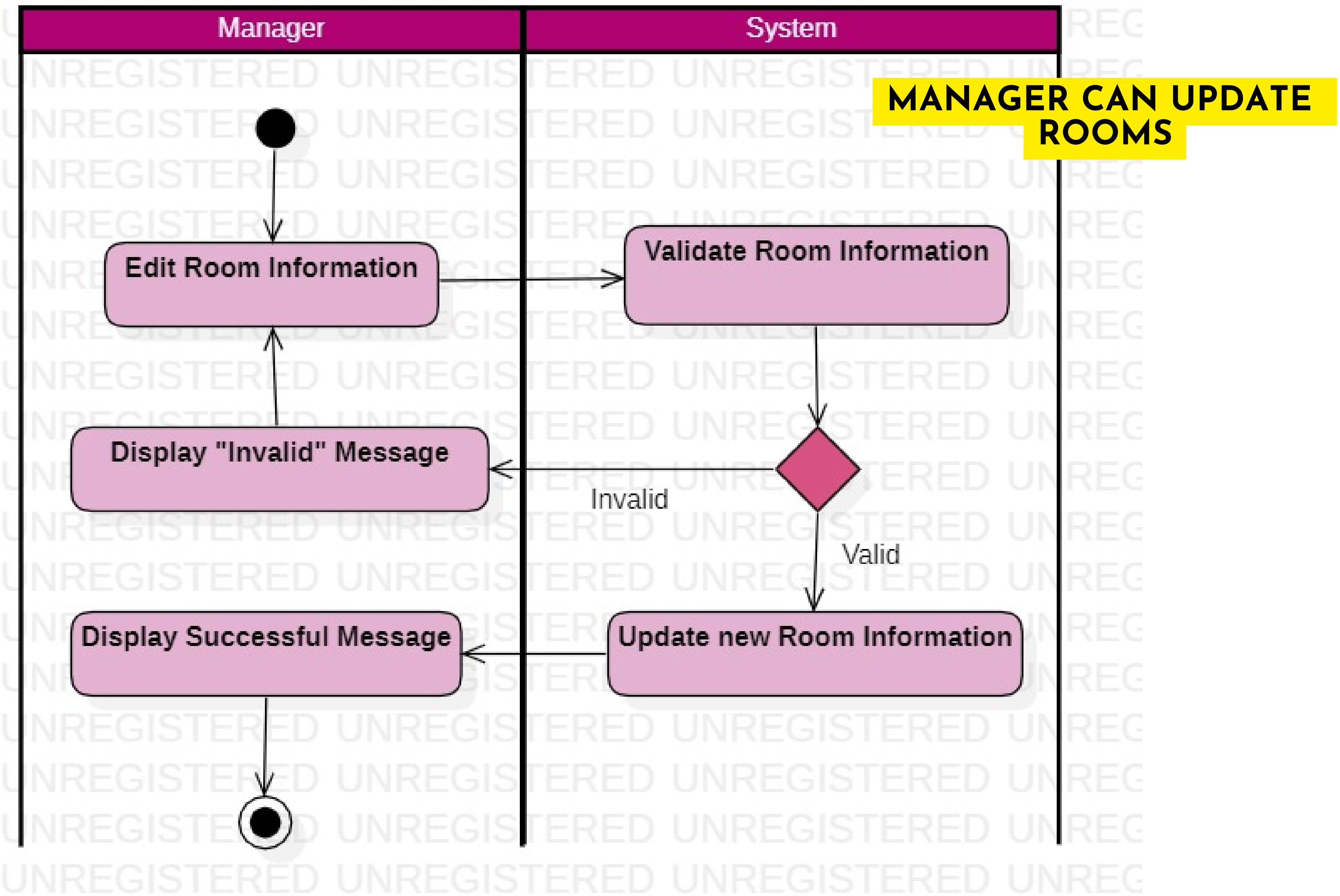
RECEPTIONIST CAN SEARCH FOR ROOMS

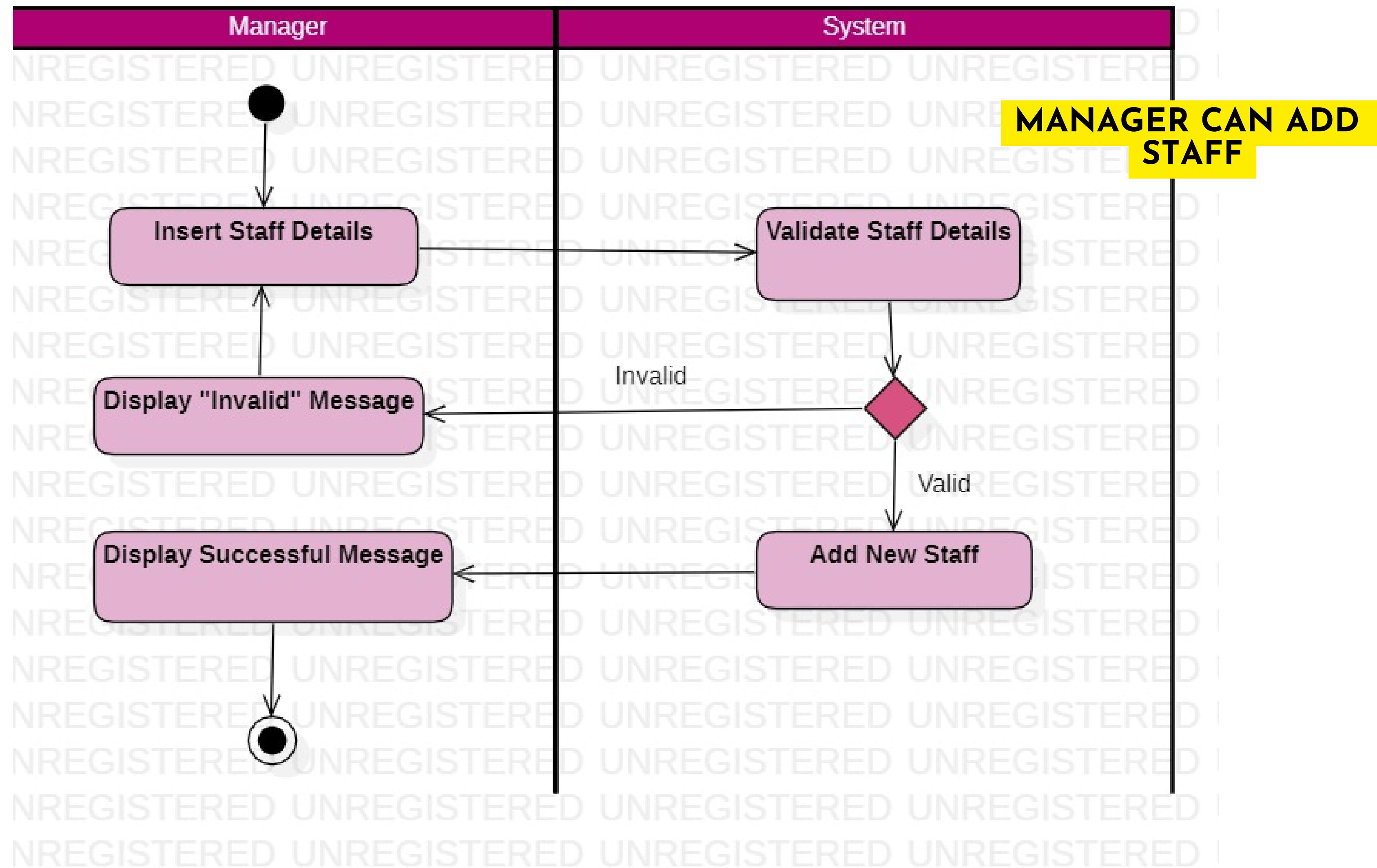


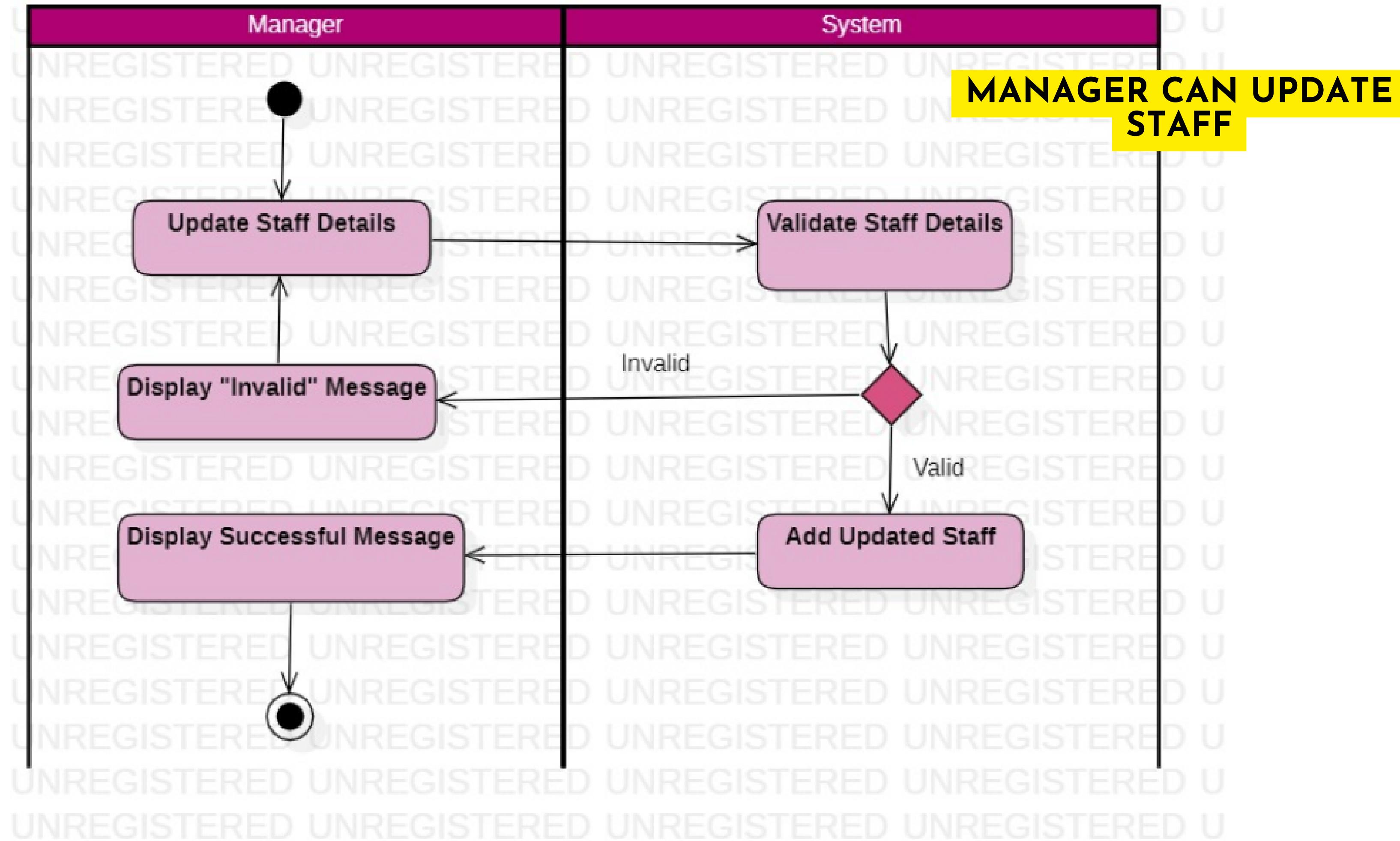


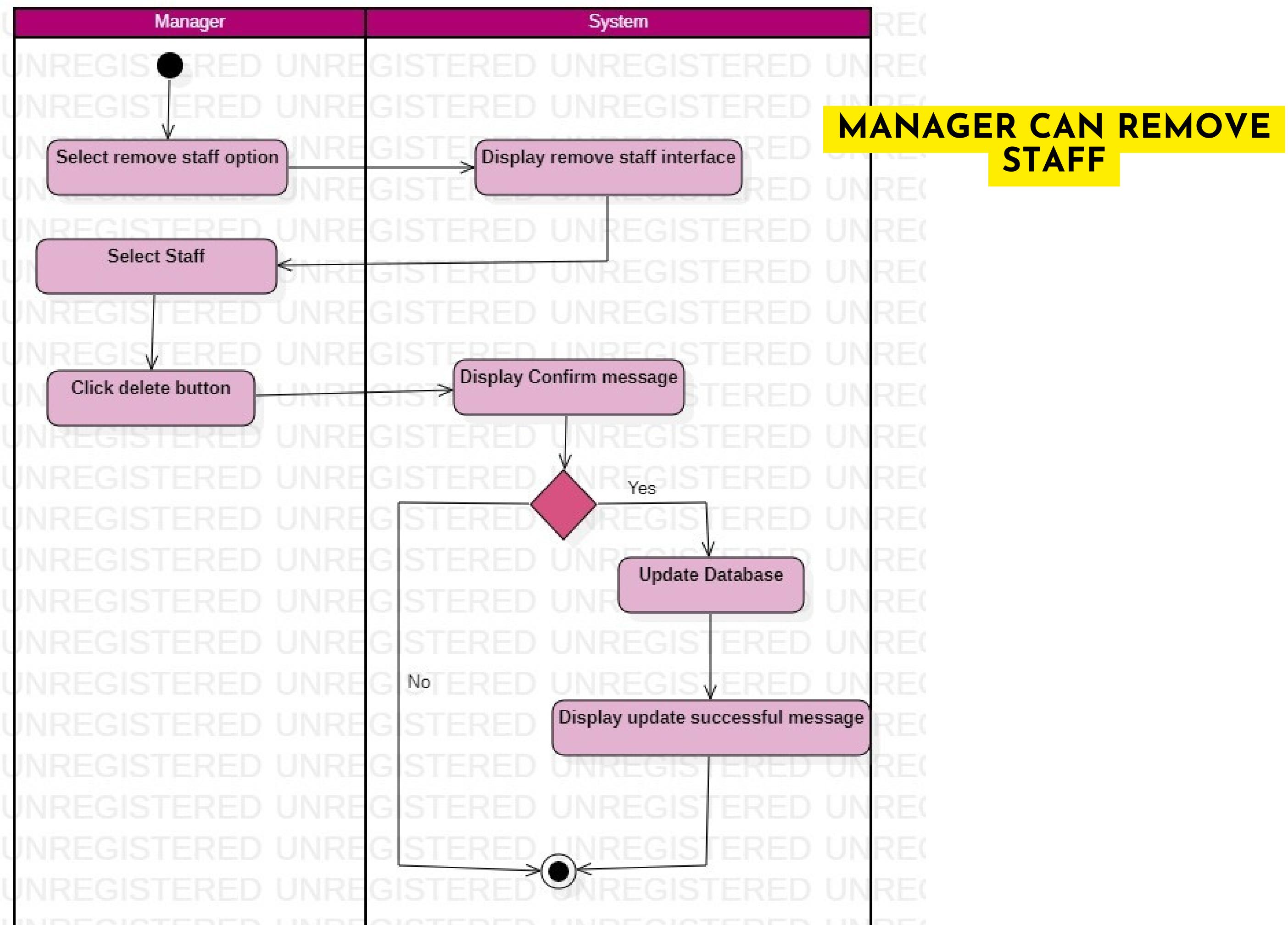


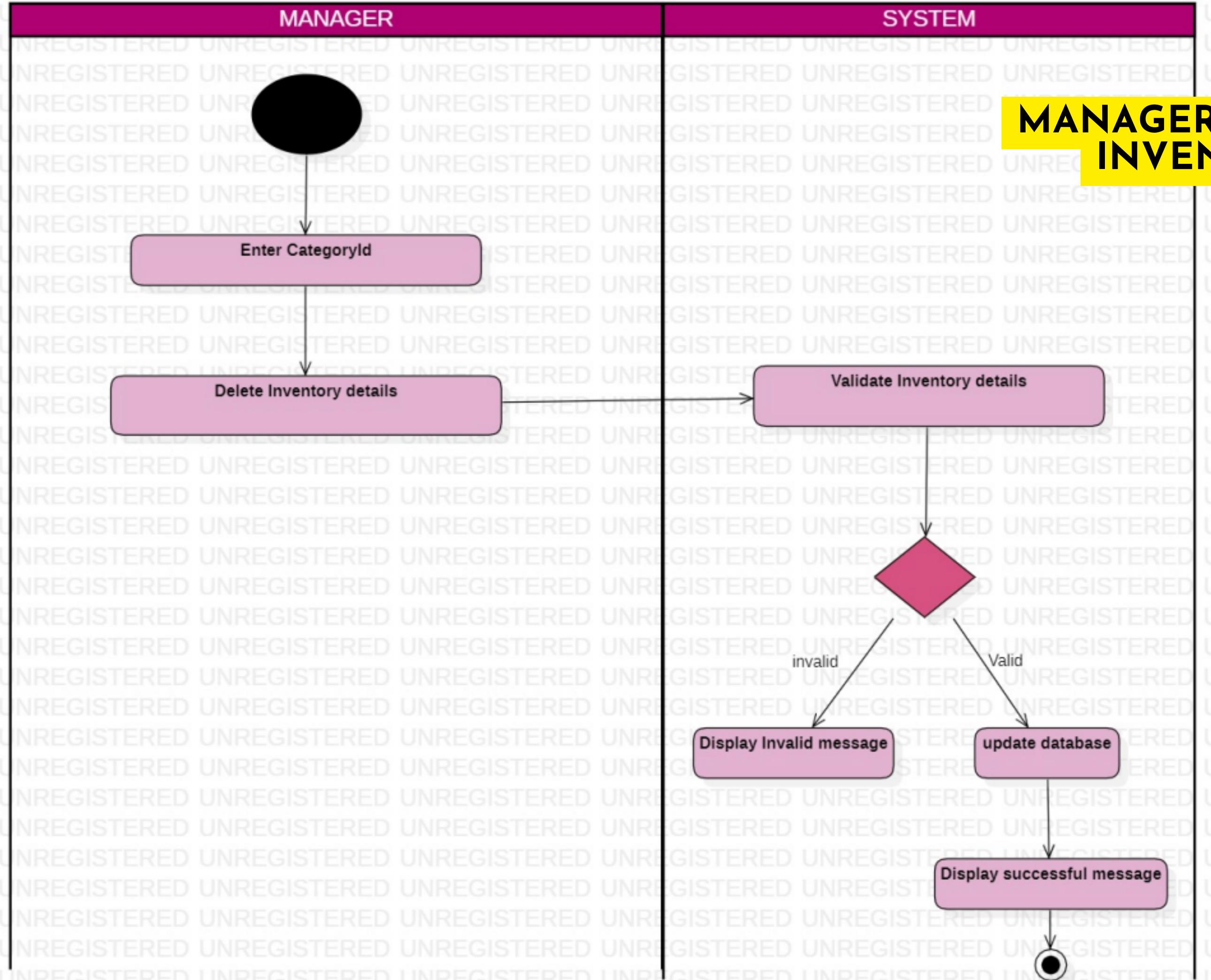


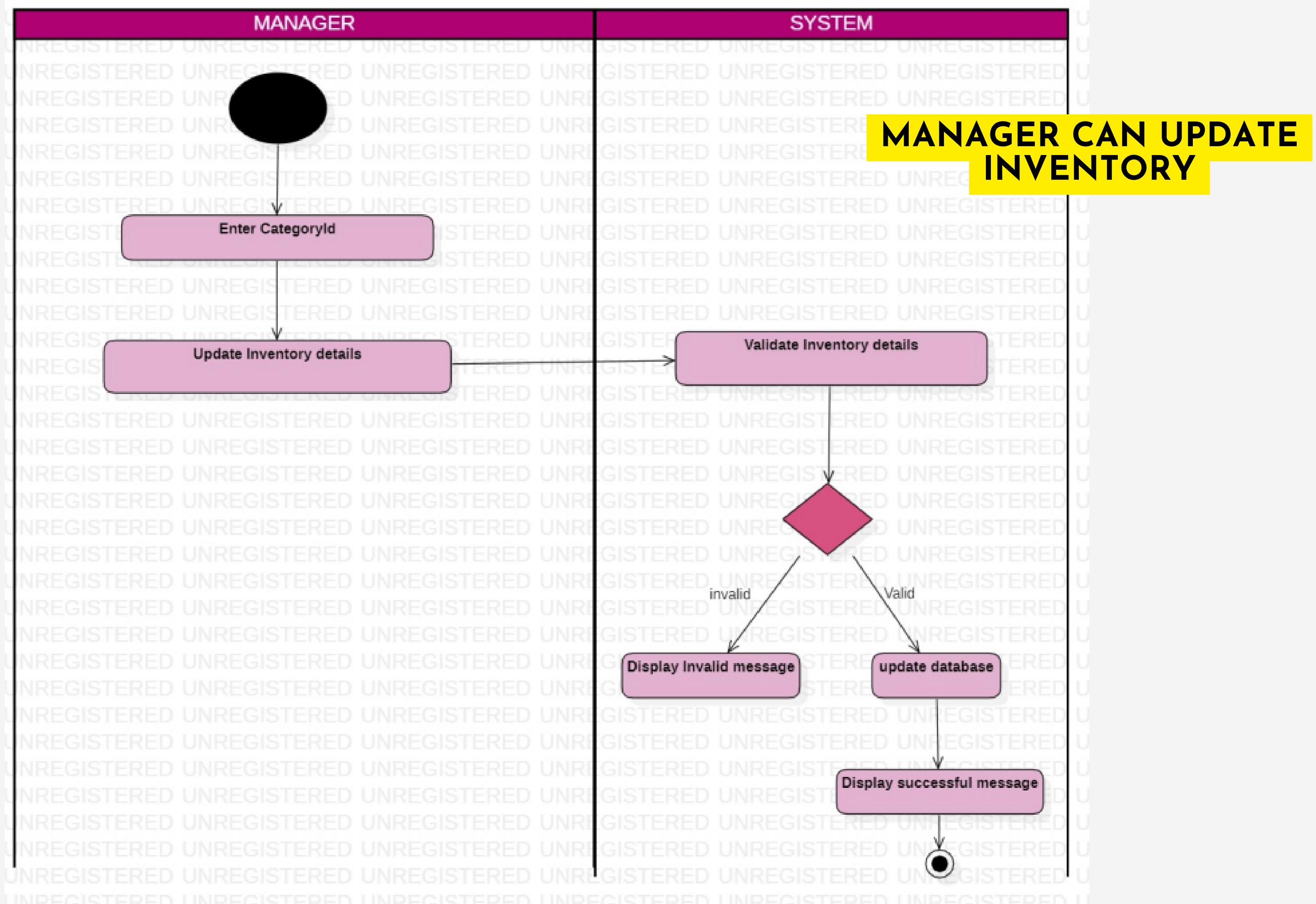


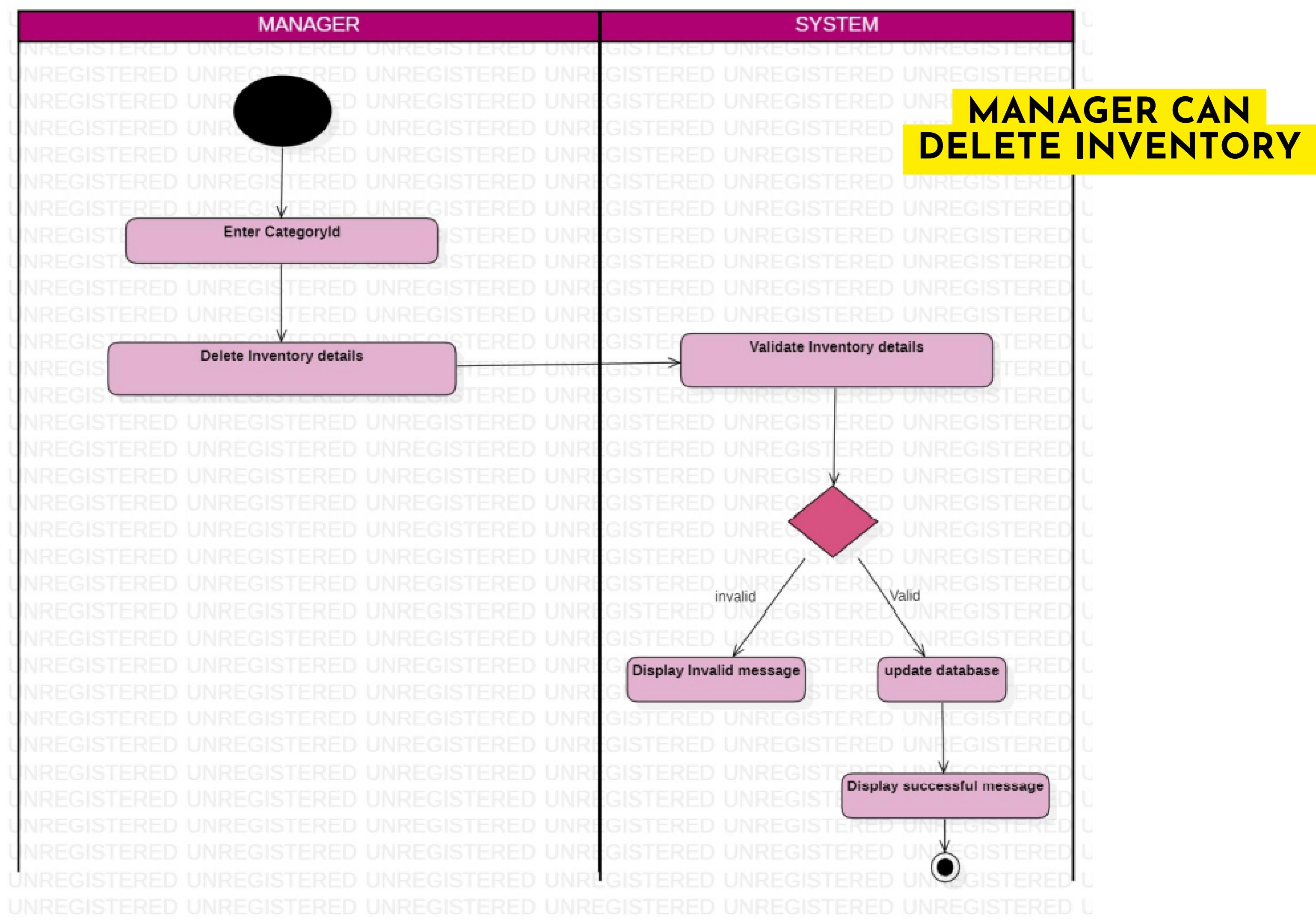




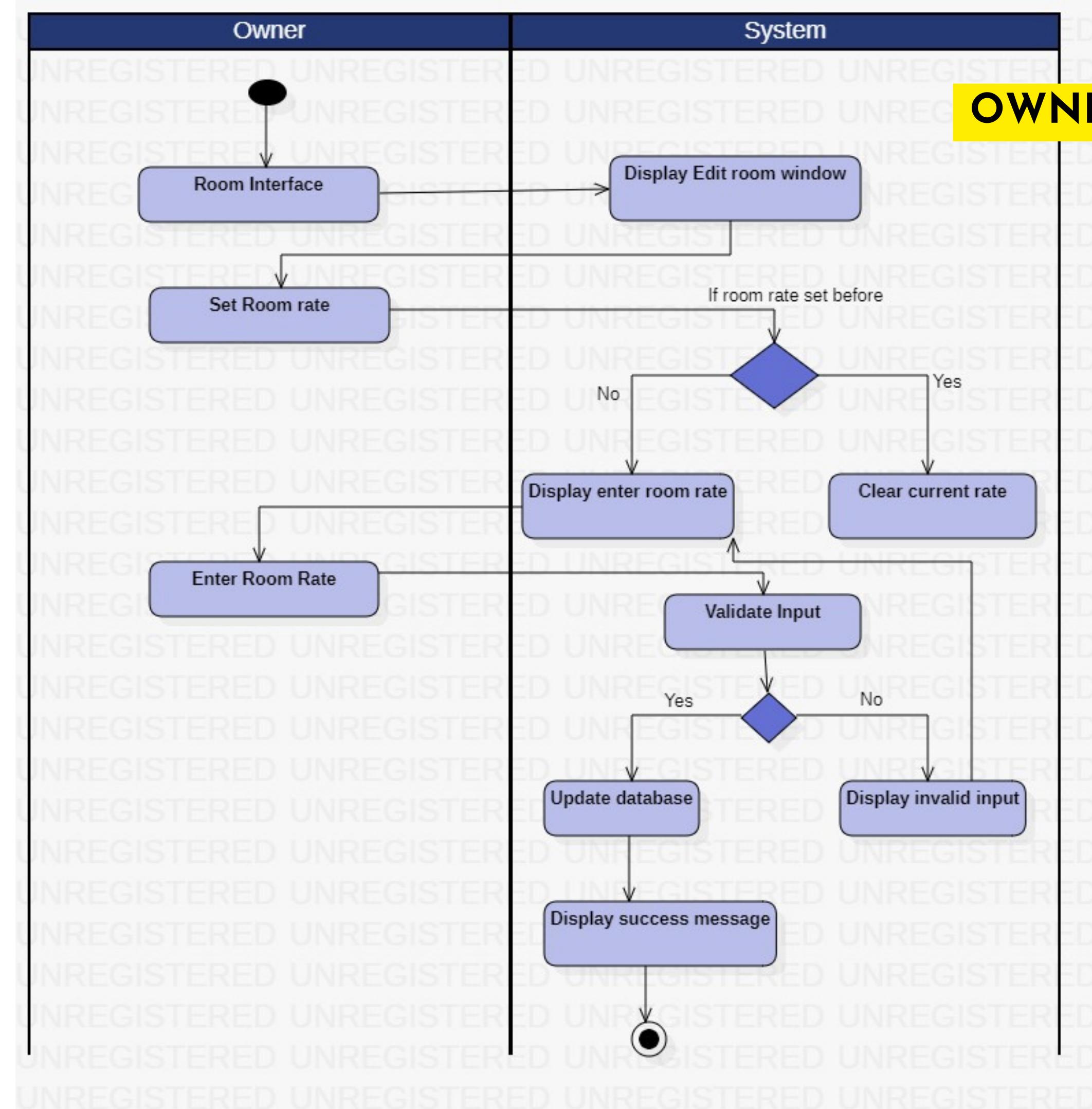


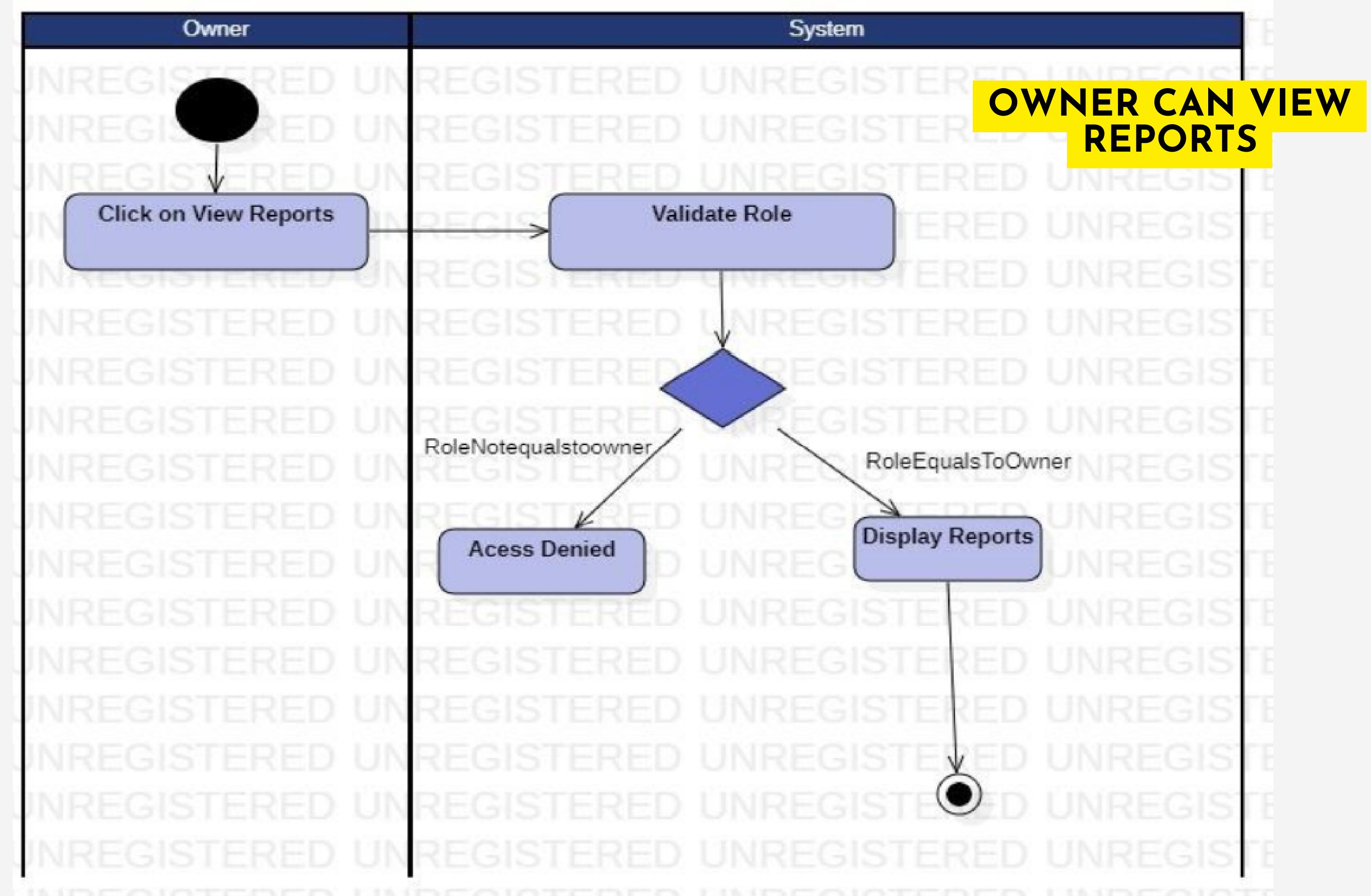




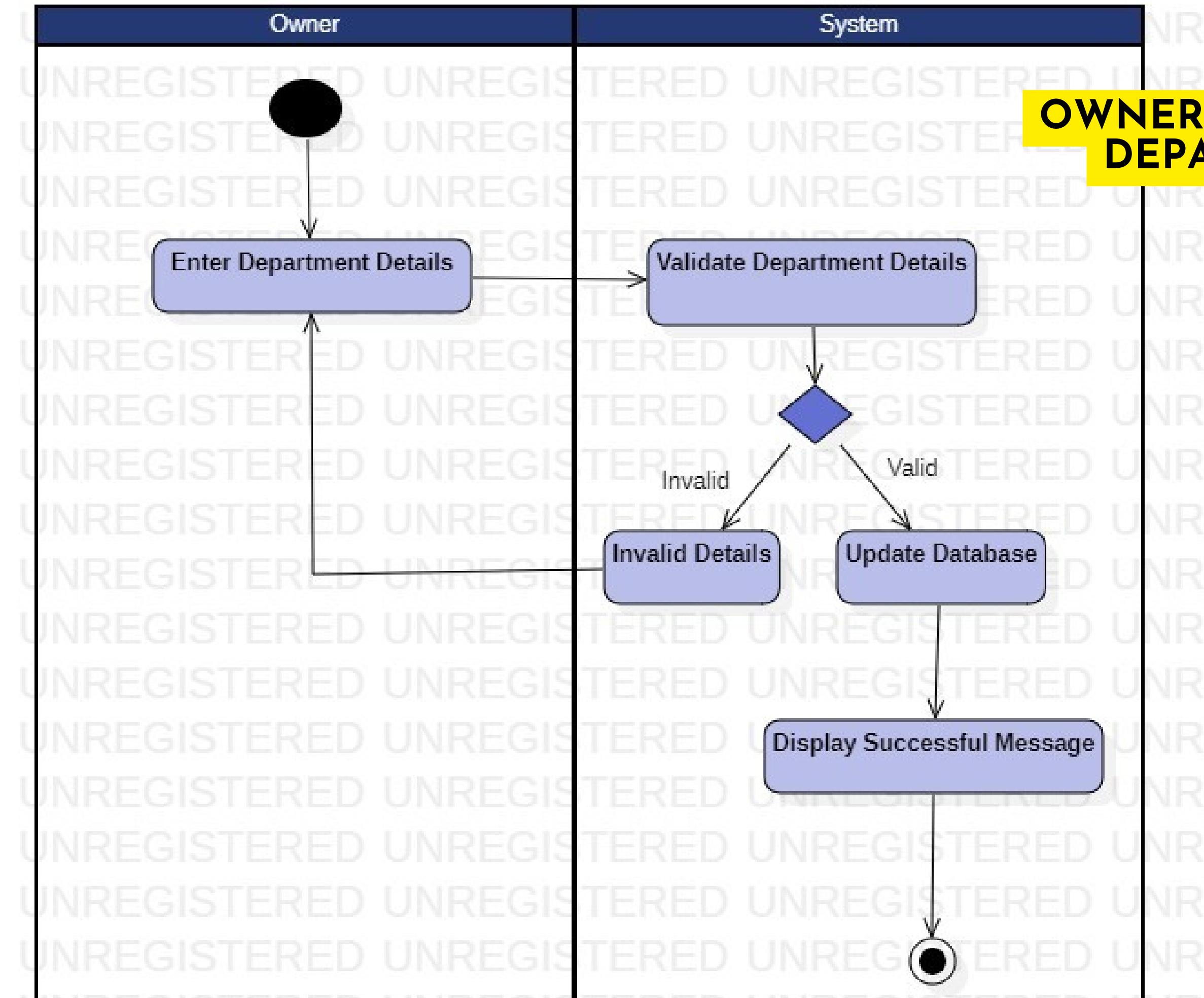


OWNER CAN SET ROOM RATES

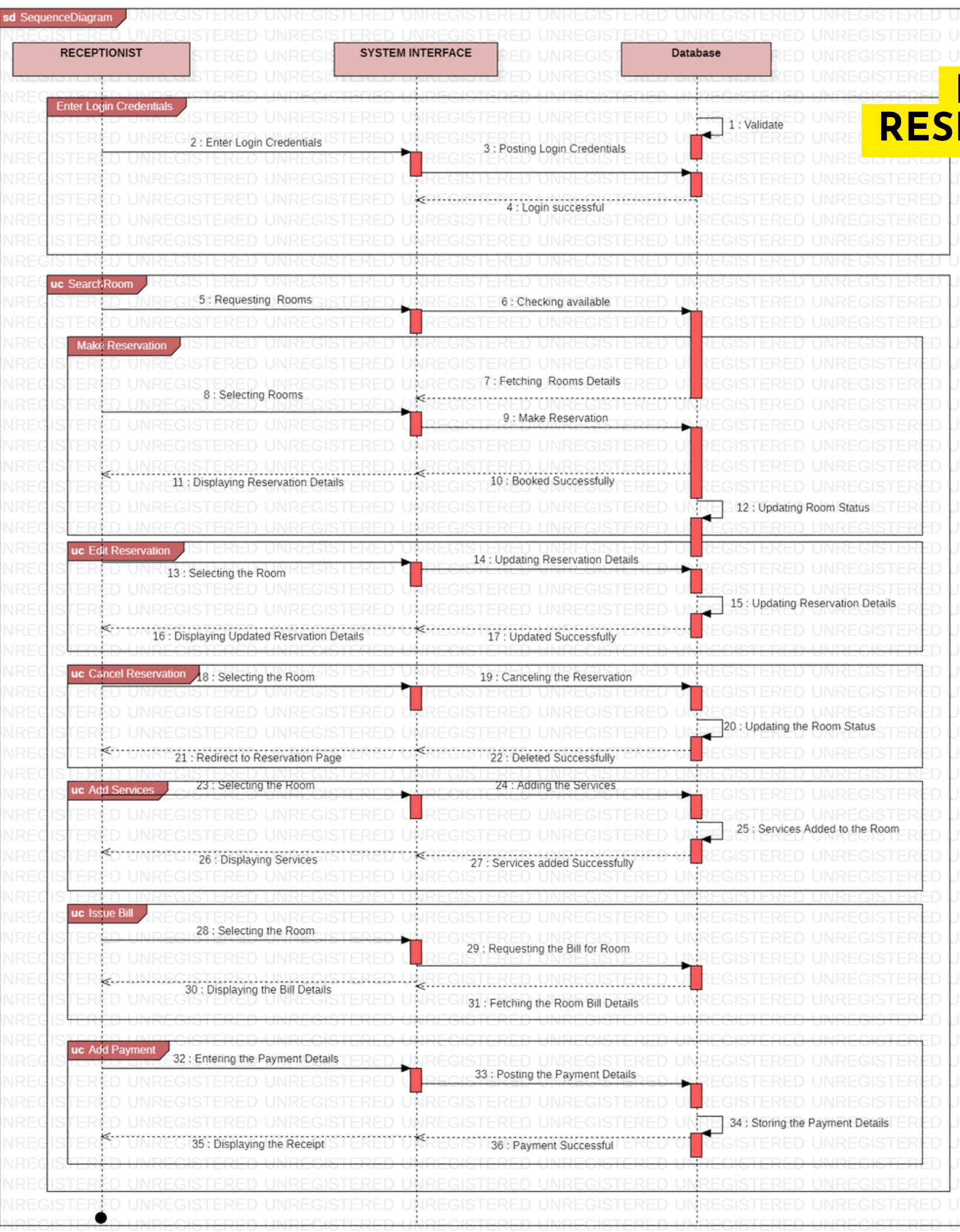




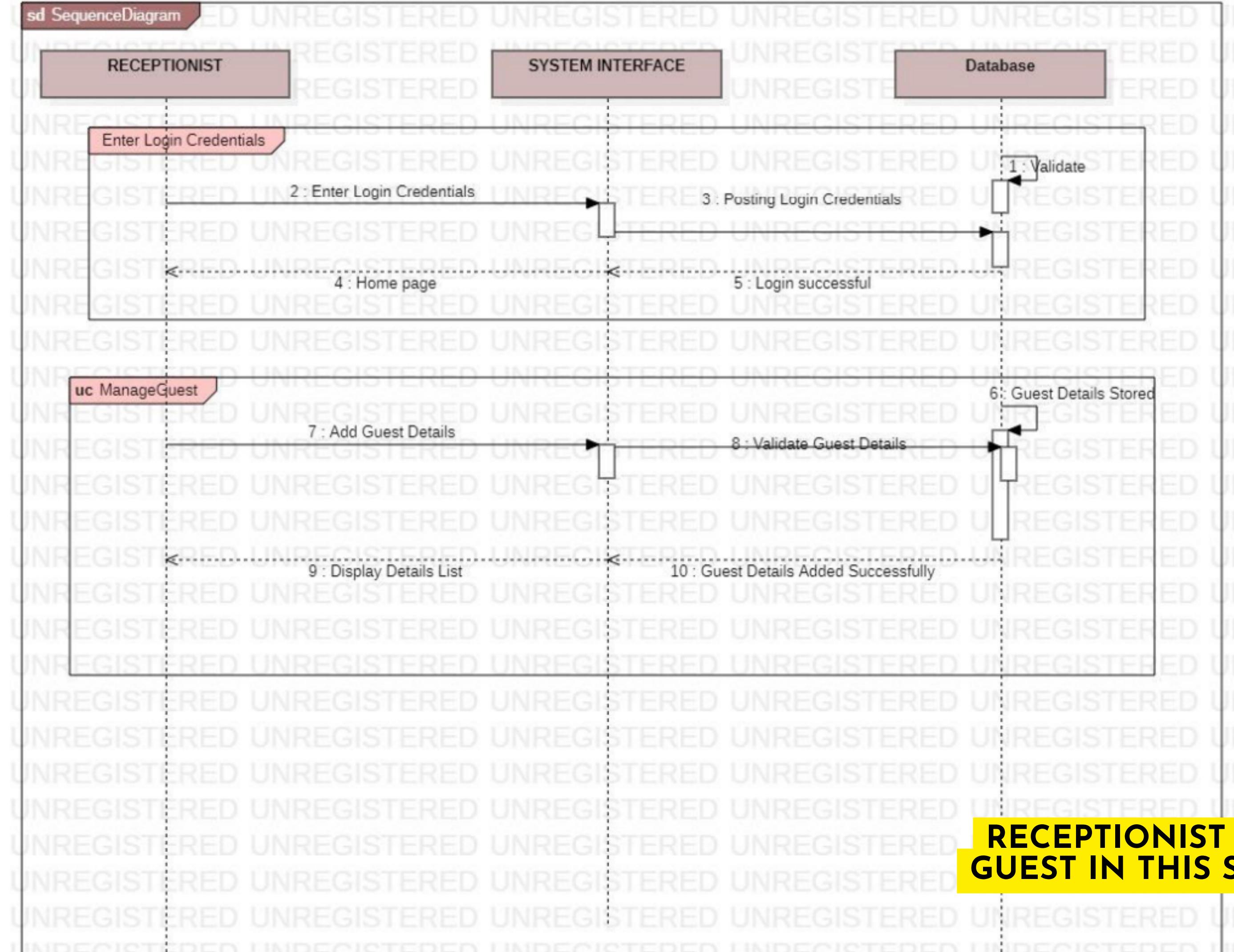
OWNER CAN ADD A DEPARTMENT



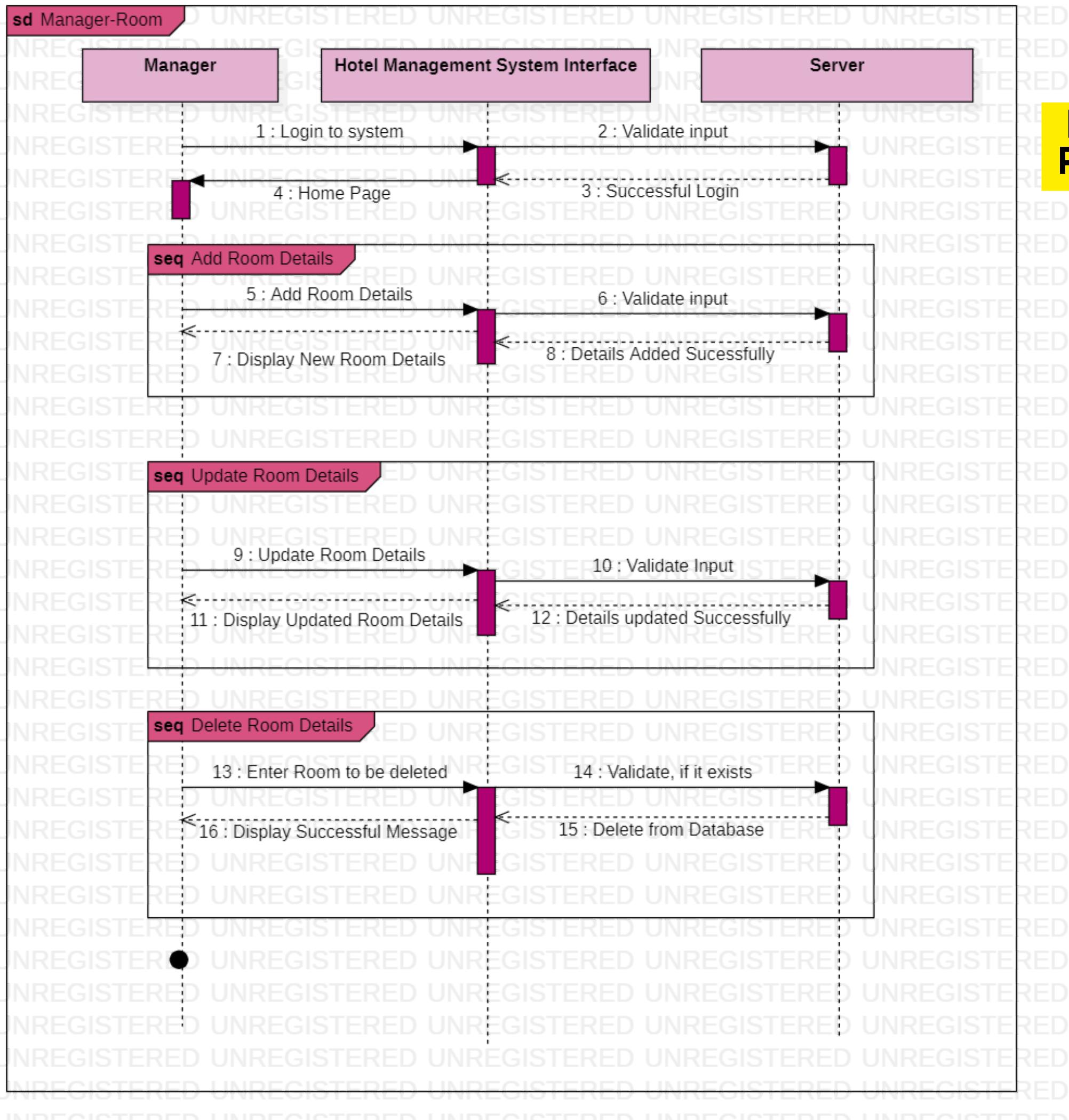
RECEPTIONIST CAN MAKE RESERVATION IN THIS ORDER OF SEQUENCE



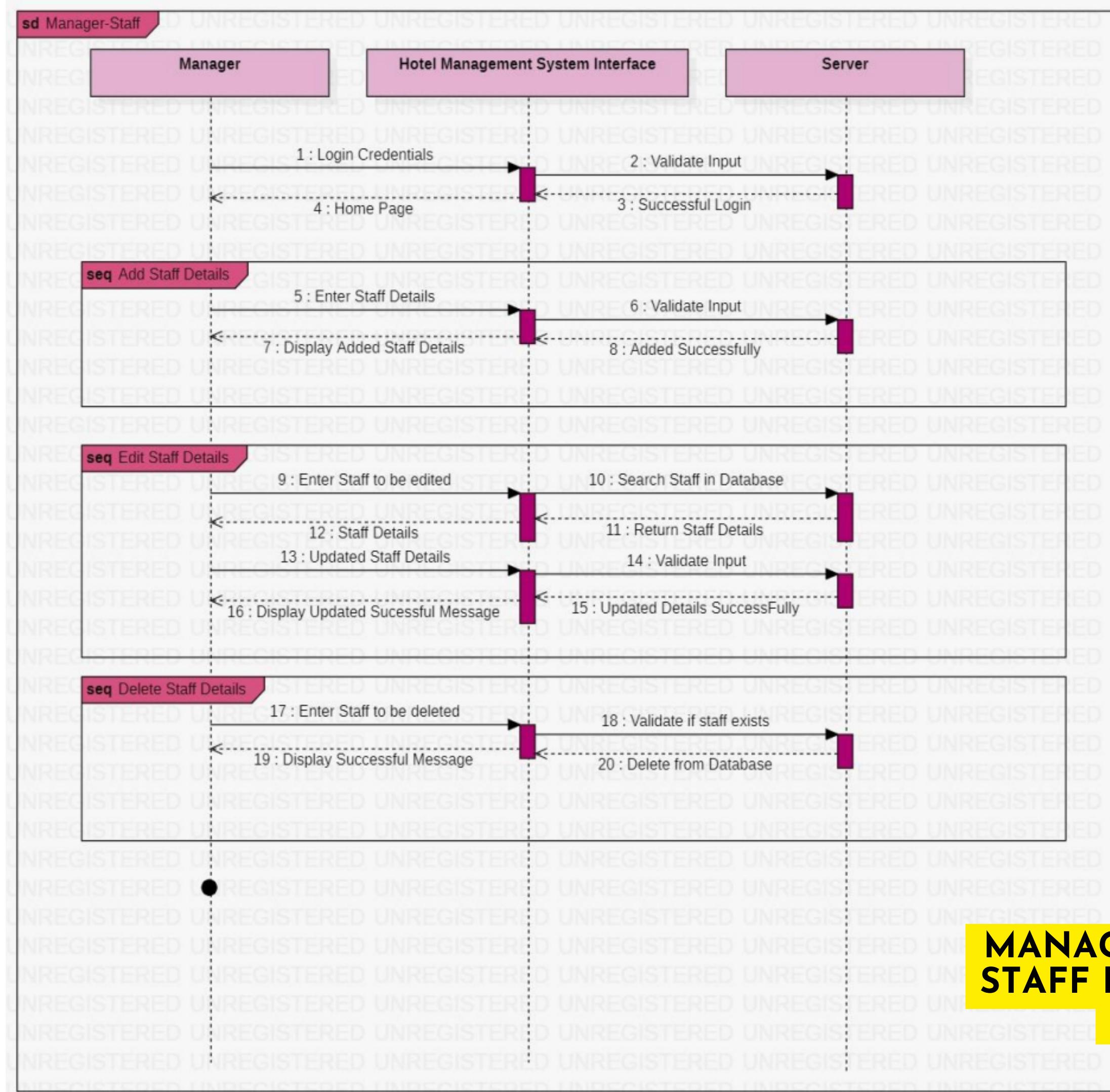
sd SequenceDiagram



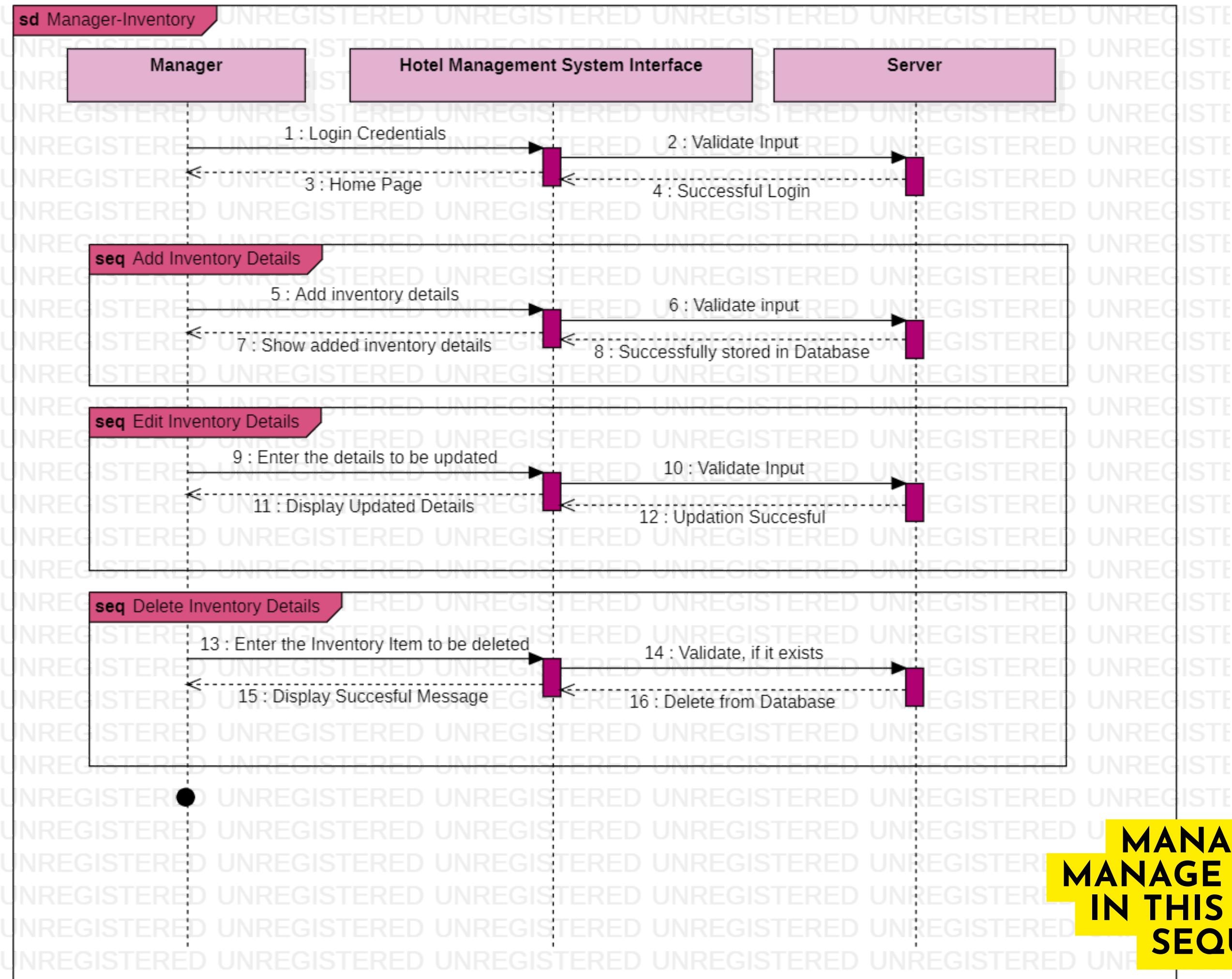
**RECEPTIONIST CAN ADD
GUEST IN THIS SEQUENCE**



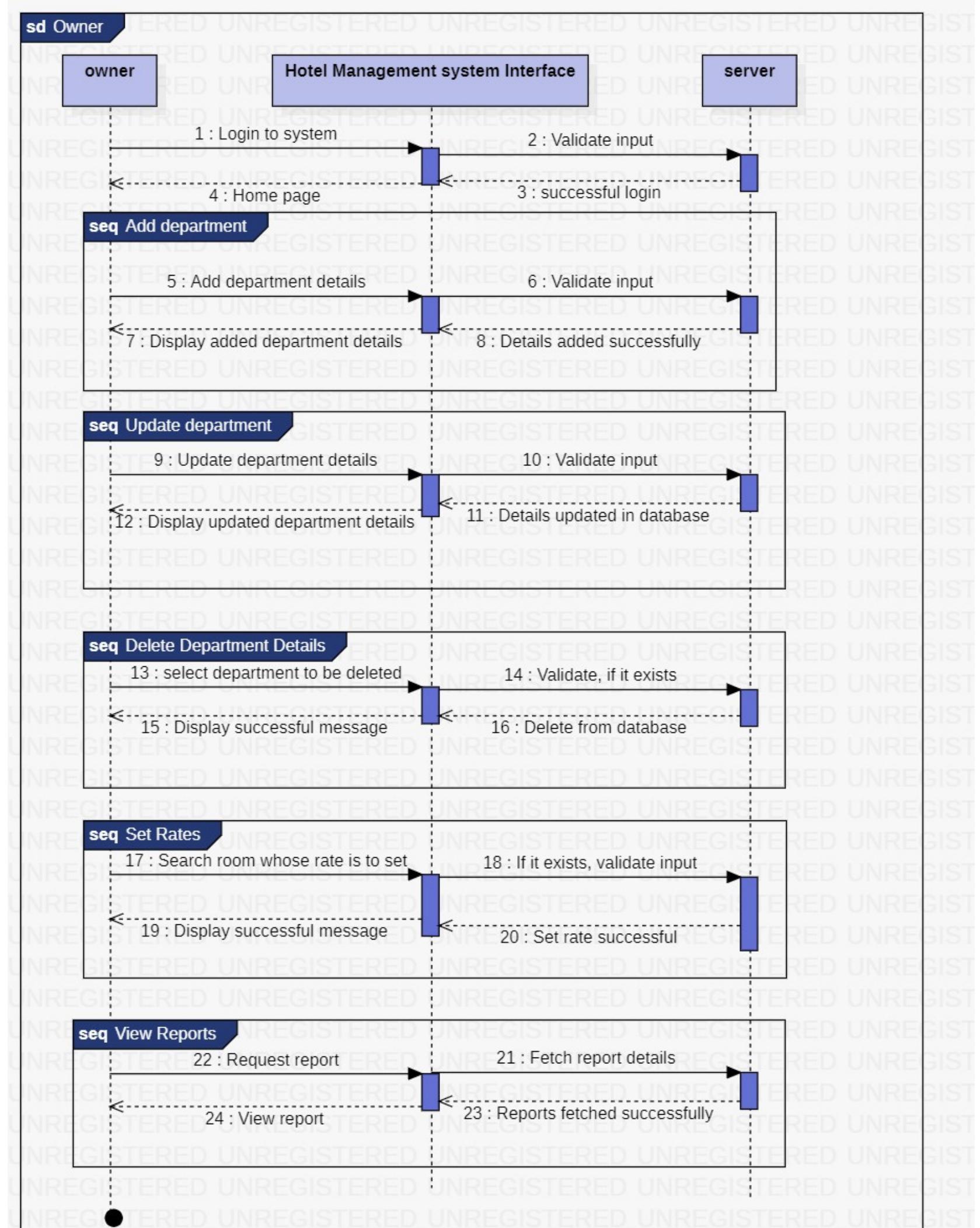
MANAGER CAN MANAGE ROOM IN THIS ORDER OF SEQUENCE



MANAGER CAN MANAGE STAFF IN THIS ORDER OF SEQUENCE

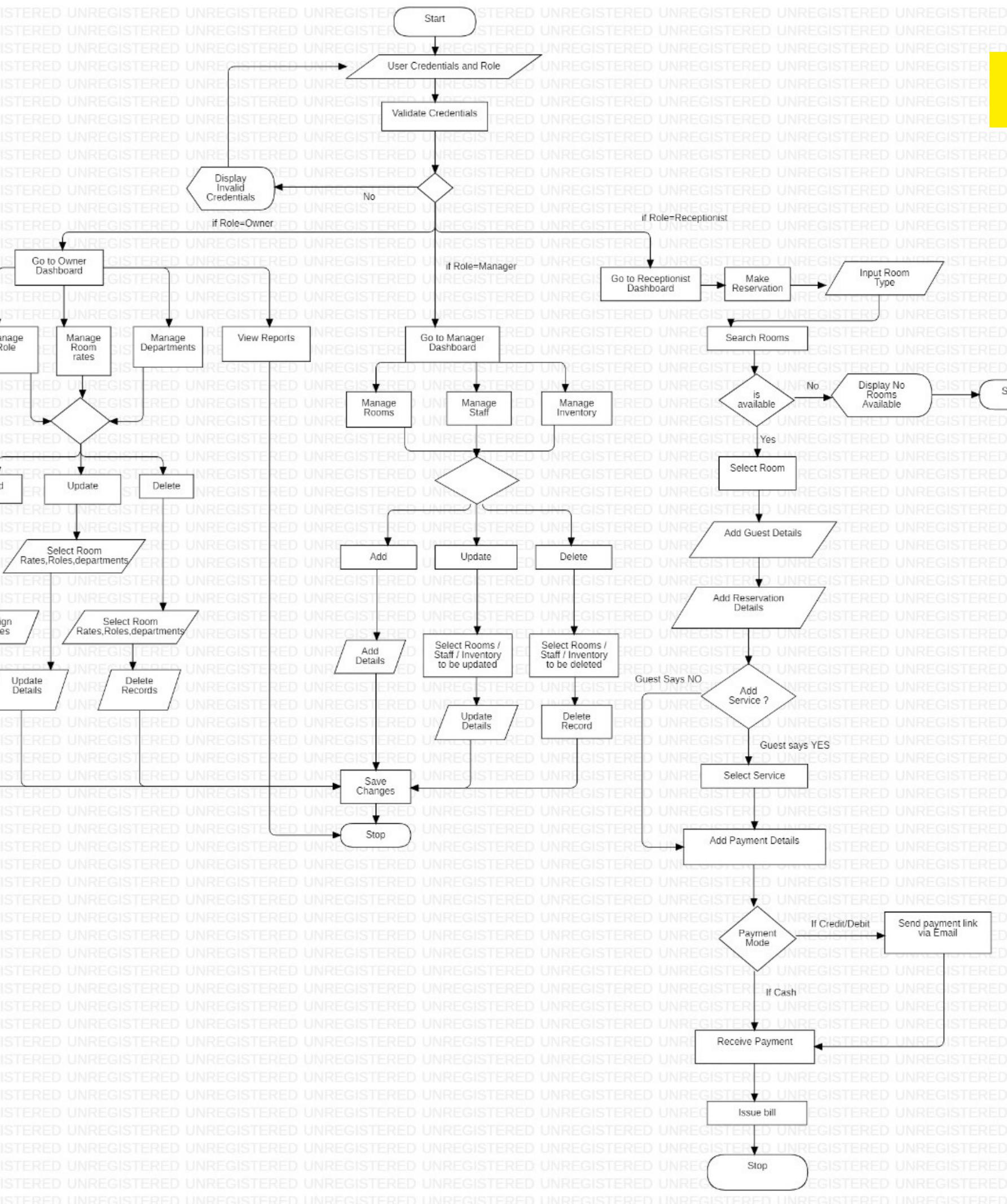


**MANAGER CAN
MANAGE INVENTORY
IN THIS ORDER OF
SEQUENCE**



OWNER CAN PERFORM HIS DUTIES IN THIS ORDER OF SEQUENCE

FLOW CHART



“ ”

GROUP-2

ANISHA DUBEY
PRERANA WAGHELA
JANHAVI GANGAN
AVU NAVNEEN KUMAR
ARFIN SAYYED
RUCHITHA PADALA
ASAVARI AKSHEKAR
SHRUTI SATAM
SHAMA ANPAT
SWATI MORE