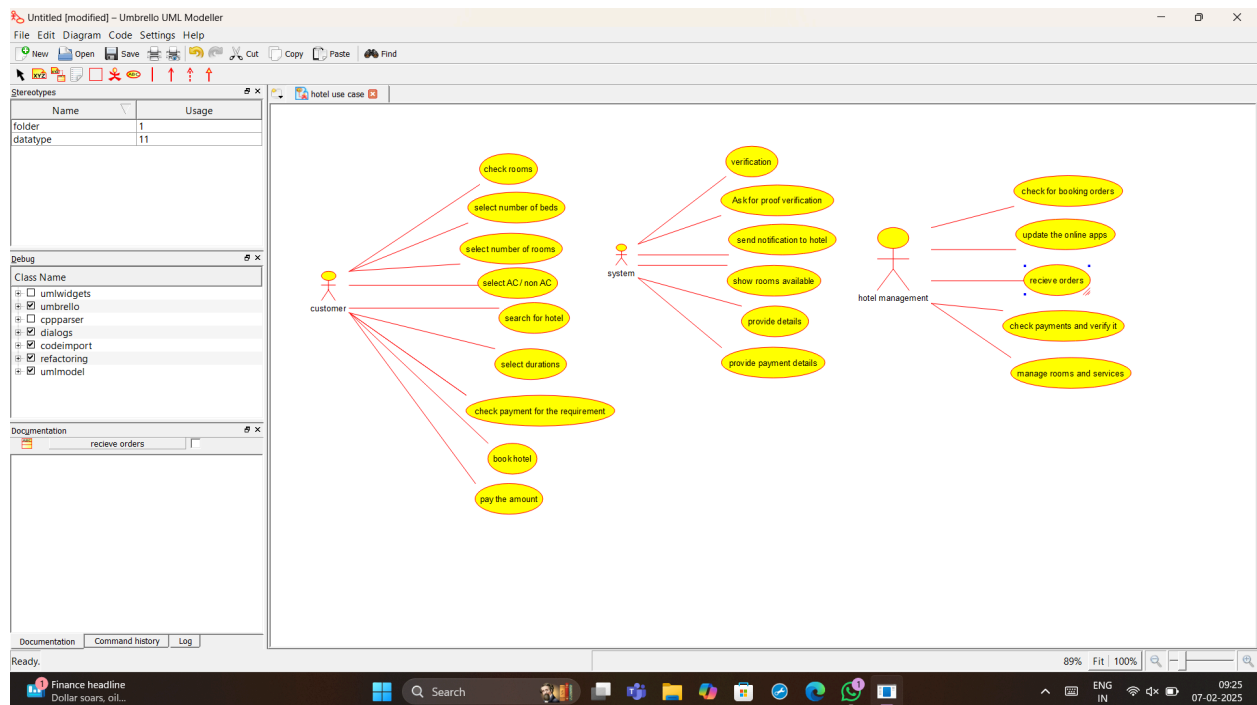EXERCISE: 1

# The Hotel Reservation system

## AIM:

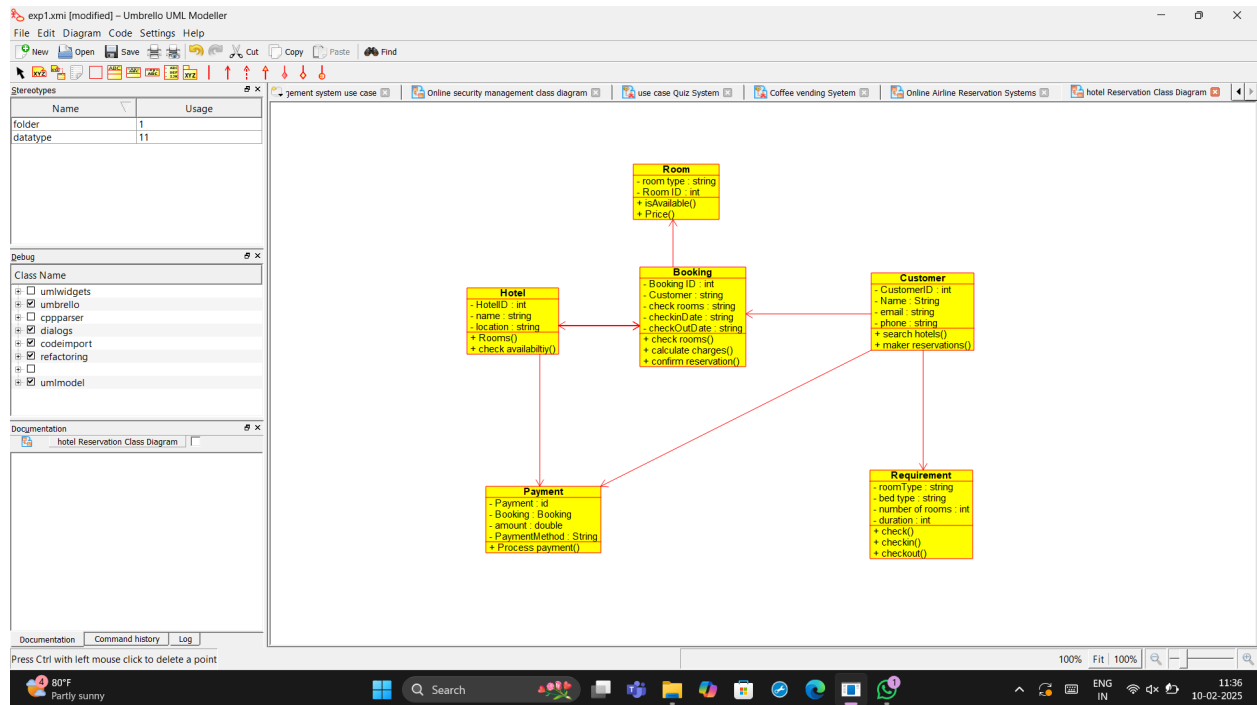To Draw a UML diagram for The Hotel Reservation system.

## PROCEDURE:

1. Open Umbrello and create a new diagram.
2. Add necessary diagrams with actors like customers, staff, and system components.
3. Define key processes such as booking, payment, check-in, and check-out.
4. Establish connections between actors and processes using relationships.
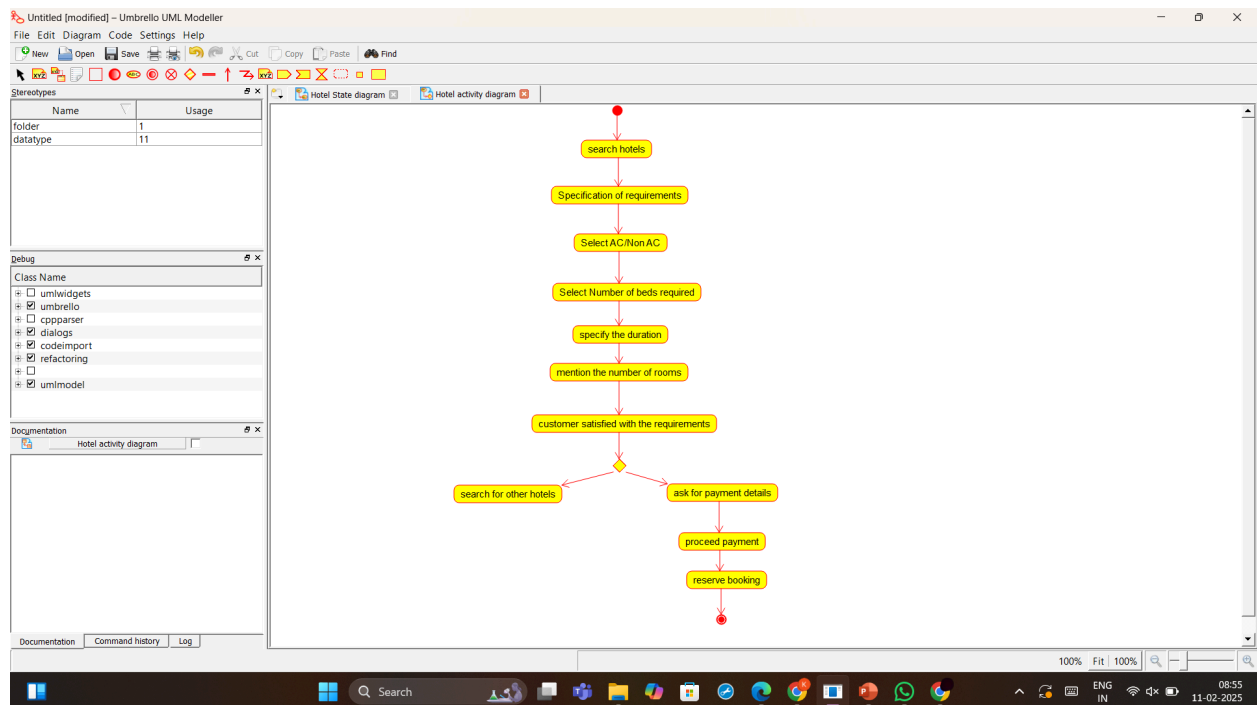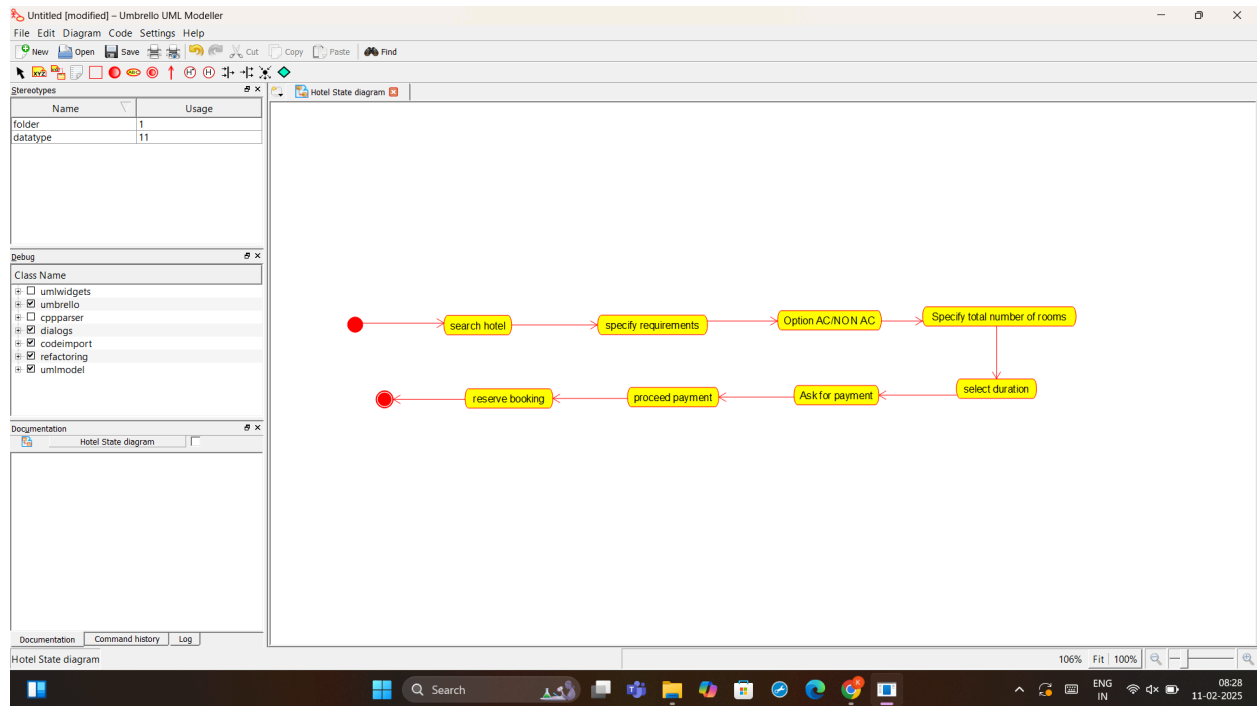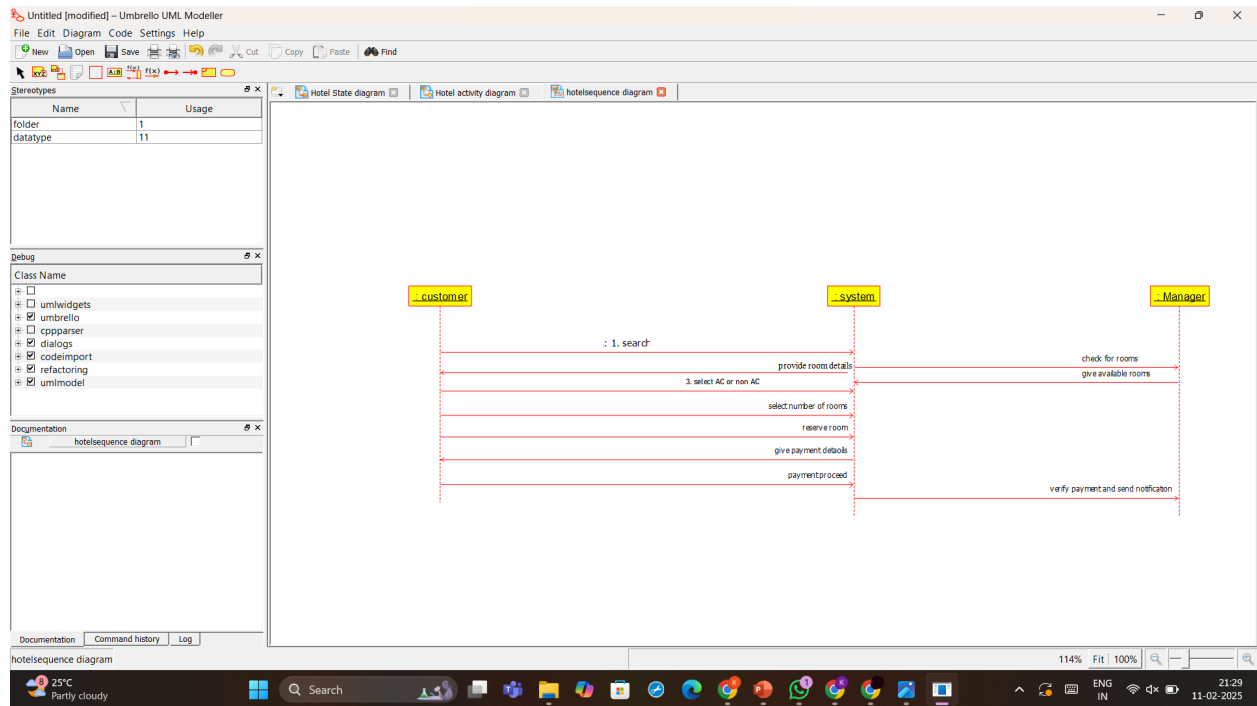5. Save and export the completed diagram.

## USE CASE DIAGRAM:
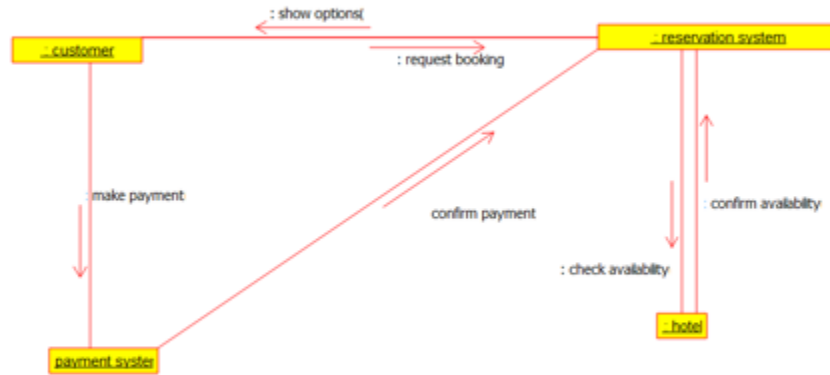
# CLASS DIAGRAM:



# ACTIVITY DIAGRAM:

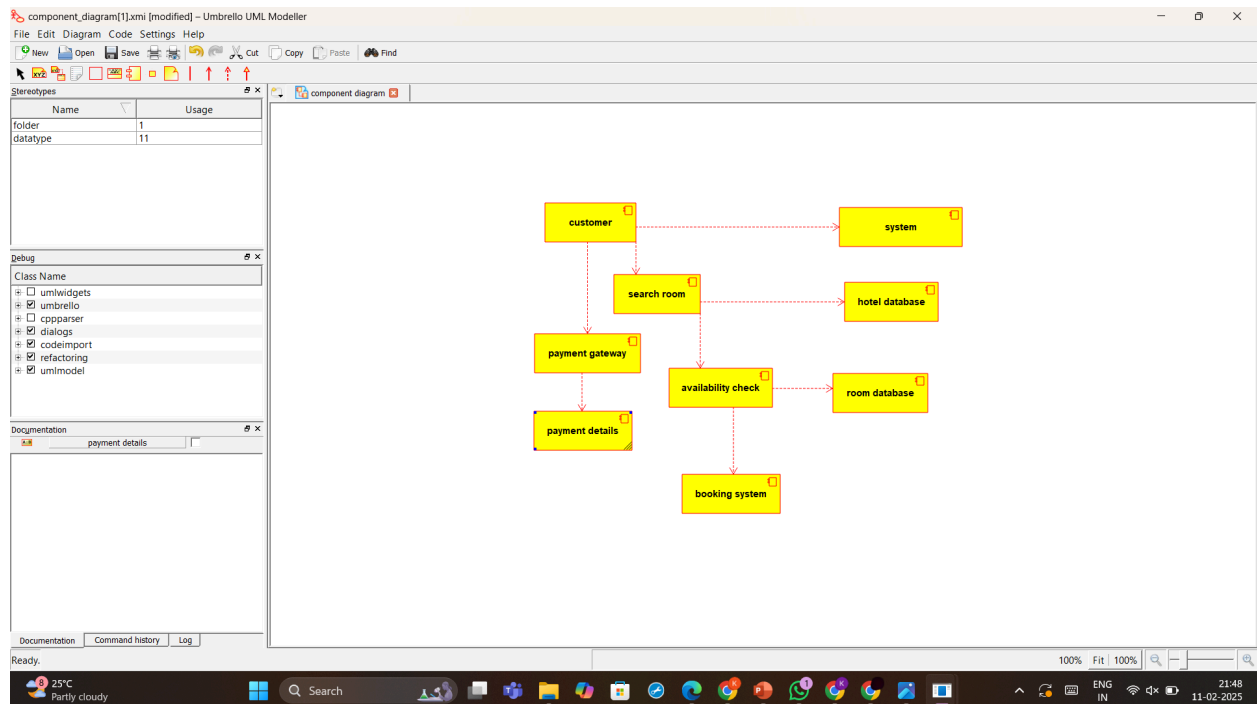# STATE DIAGRAM:



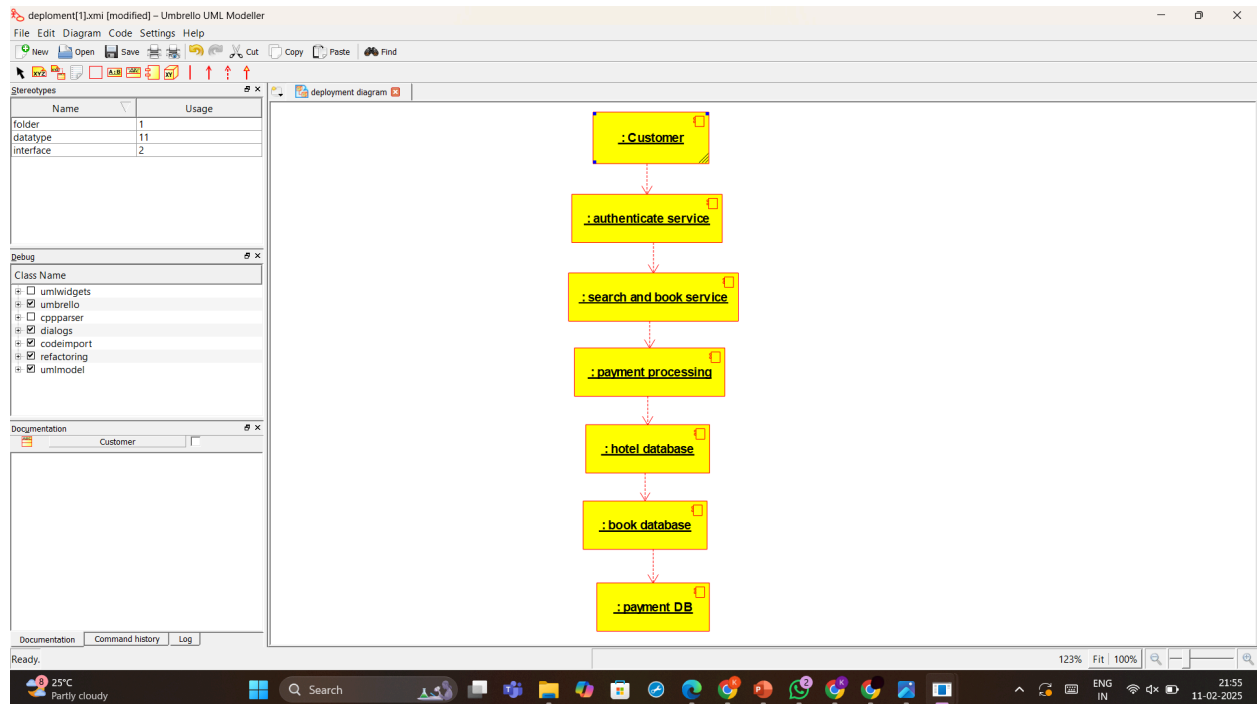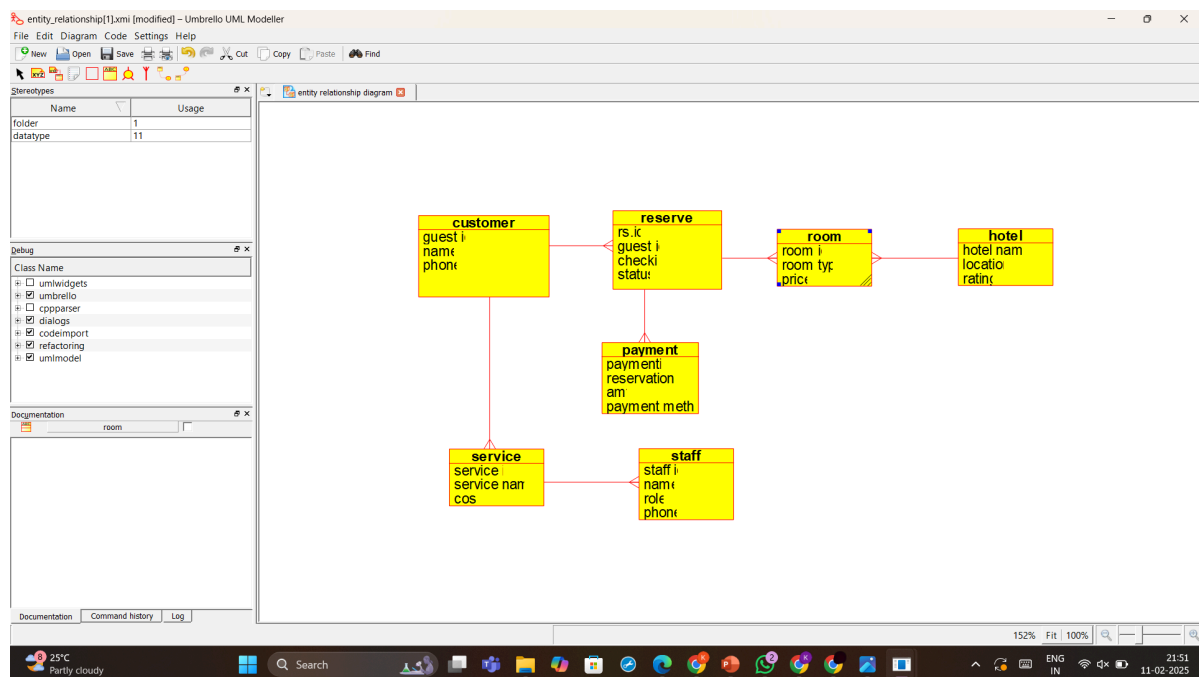# SEQUENCE DIAGRAM:

# COLLABORATION DIAGRAM:



# COMPONENT DIAGRAM:

# DEPLOYMENT DIAGRAM:



# PACKAGE DIAGRAM:



# RESULT:

A Use Case Diagram for the Coffee Day Ordering System was successfully developed using Umbrello, representing interactions between the Customer, Service Assistant, and the Coffee Machine System.