DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

LIST OF EXPERIMENTS

COURSE CODE   :   CSA4001

COURSE NAME   : MANAGEMENT INFORMATION SYSTEM

8) **Describe major services (functionality) provided by a hospital's reception. Summary: Hospital Management System is a large system including several subsystems or modules providing variety of functions. Hospital Reception subsystem or module supports some of the many job duties of hospital receptionist. Receptionist schedules patient's appointments and admission to the hospital, collects information from patient upon patient's arrival and/or by phone.**
  For the patient that will stay in the hospital ("inpatient") she or he should have a bed allotted in a ward. Receptionists might also receive patient's payments, record them in a database and provide receipts, file insurance claims and medical reports.

AIM:
  To design a Hospital Reception System that manages patient appointments, admissions, payments, and record-keeping, ensuring smooth hospital operations.

PROCEDURE:
  1. **Schedule Patient Appointments**
     o **The receptionist books appointments for patients with doctors based on availability.**
  2. **Register Patient Information**
     o **Collects patient details (name, contact, medical history) via phone or upon arrival.**
  3. **Admit Inpatients & Assign Beds**
     o **For admitted patients, the receptionist allocates a bed in the appropriate ward.**
  4. **Receive & Record Payments**
     o **The receptionist collects consultation/admission fees and updates the payment database.**

5. **File Insurance Claims**
    - **If applicable, processes patient insurance claims for medical expenses.**
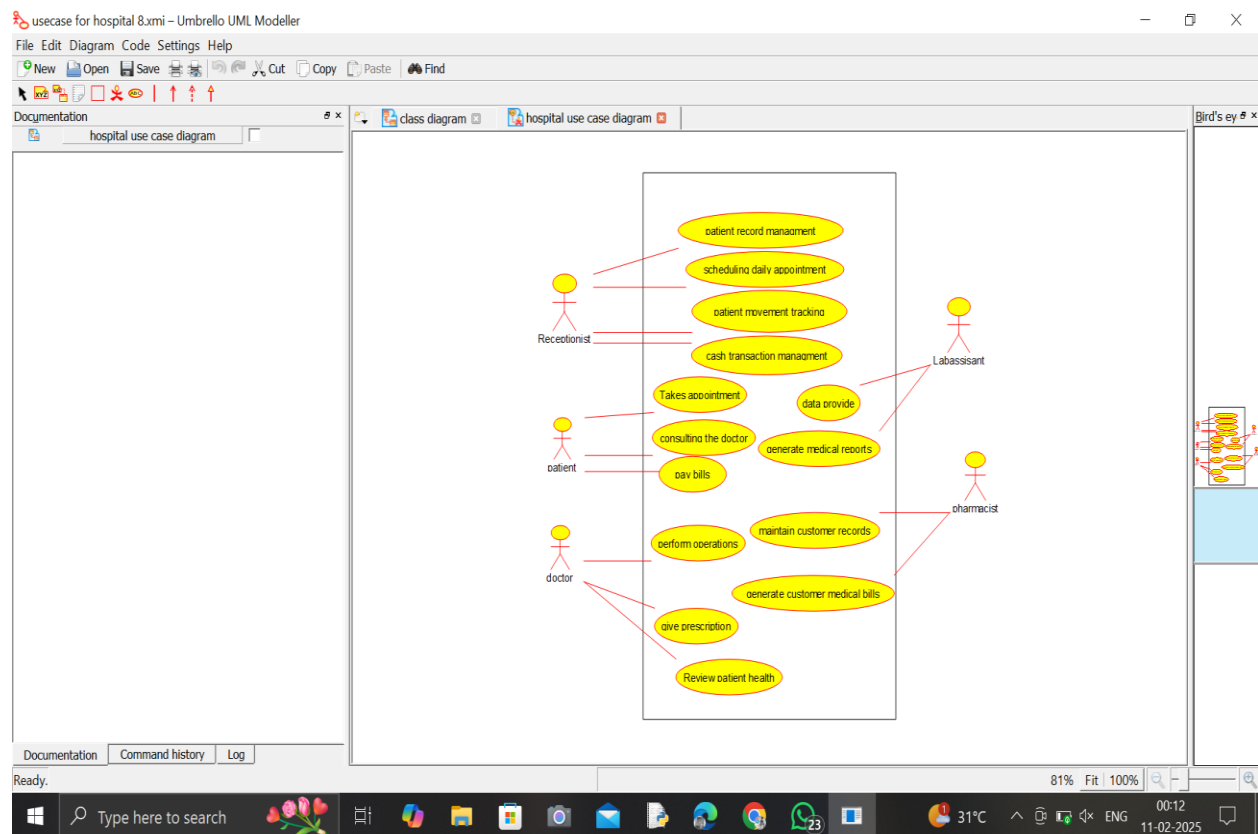6. **Manage Medical Reports & Documentation**
    - **Maintains and updates patient records, including prescriptions and test results.**
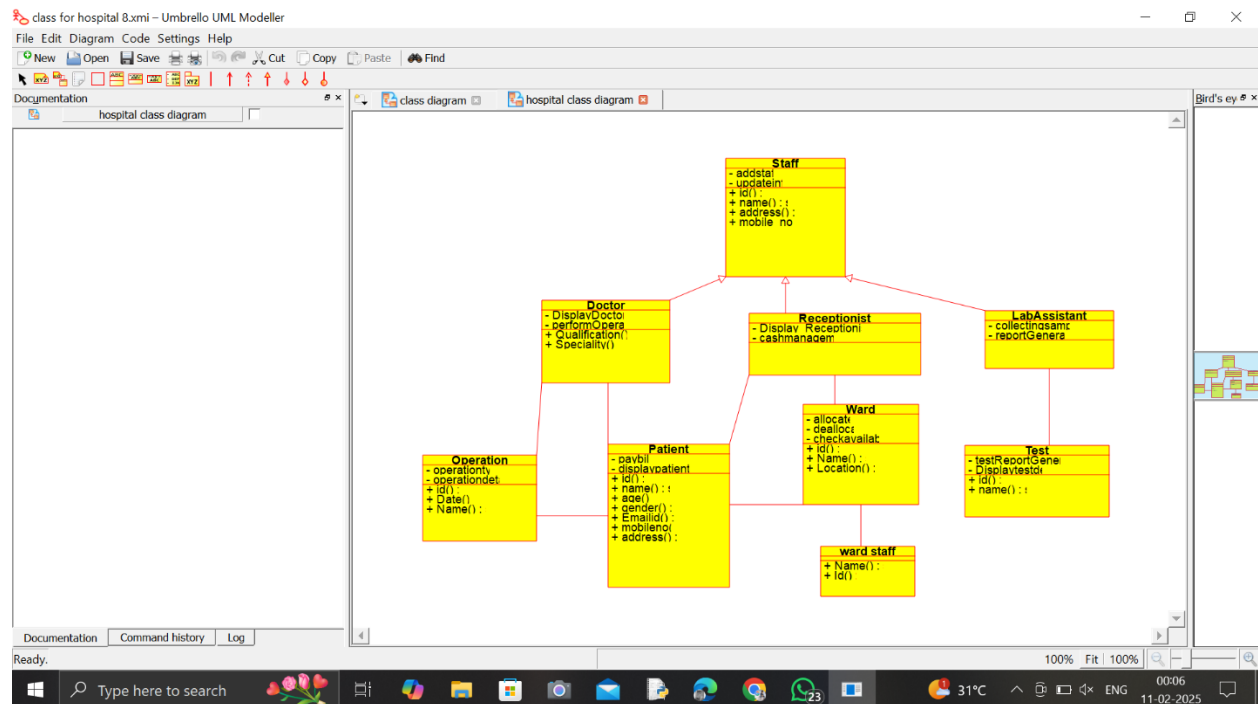7. **Provide Receipts & Discharge Patients**
    - **Issues payment receipts and processes patient discharge when treatment is completed.**
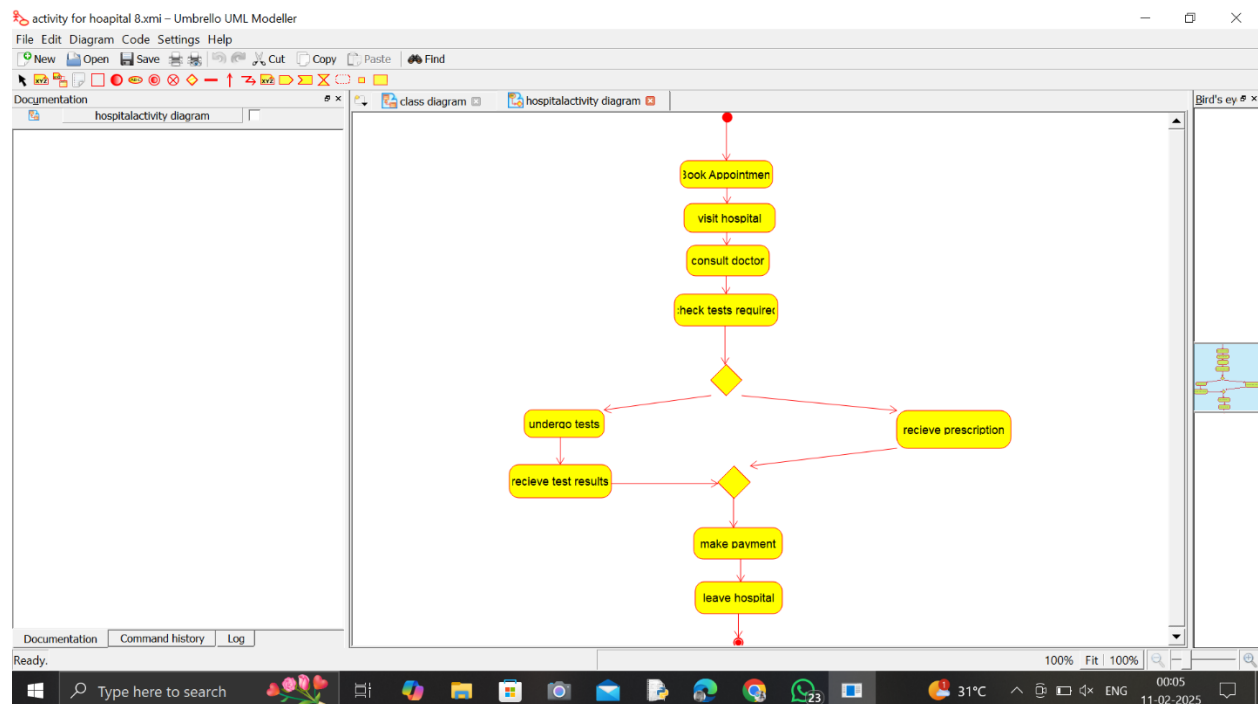
OBSERVATION:

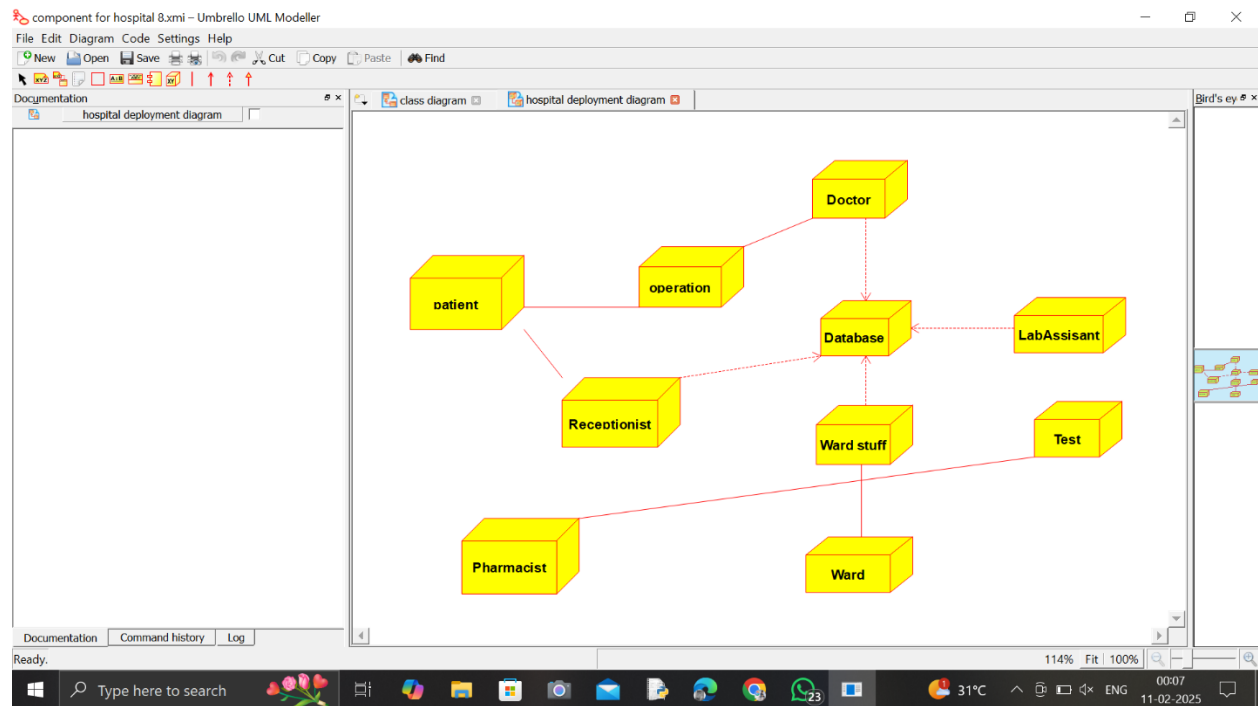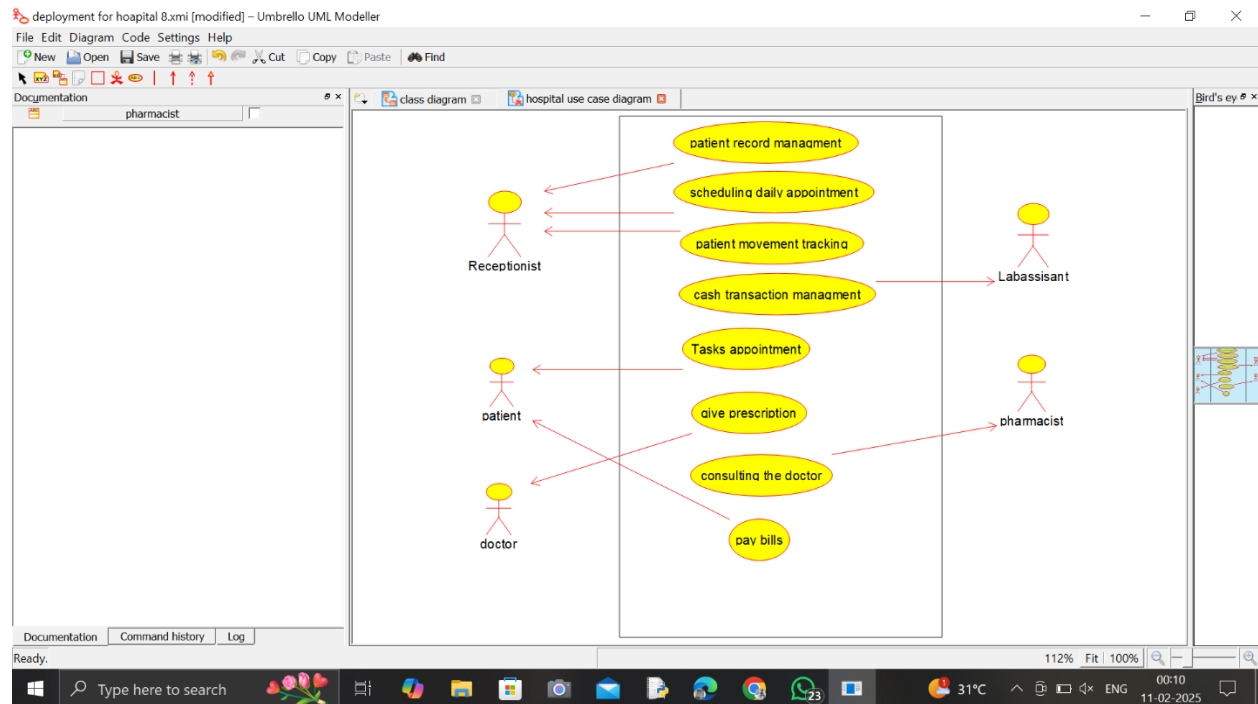**USECASE DIAGRAM:**

CLASS DIAGRAM:

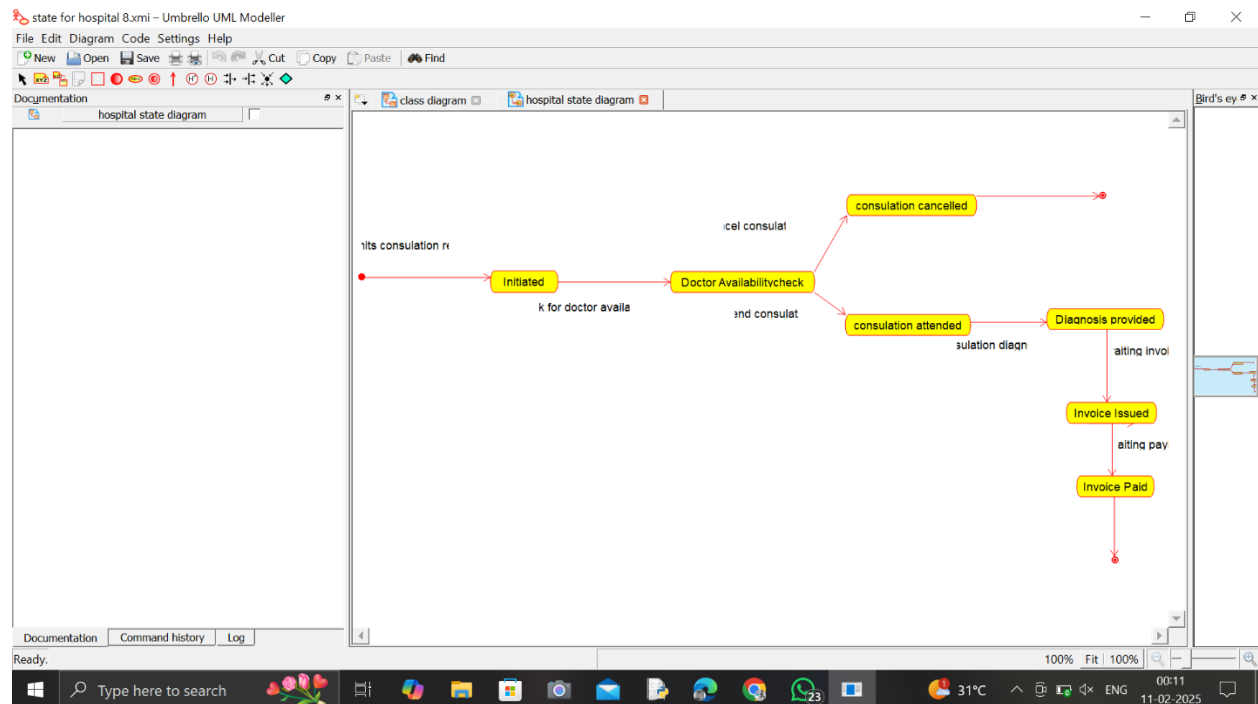# ACTIVITY DIAGRAM:

COMPONENT DIAGRAM:

DEPLOYMENT DIAGRAM:

STATE DIAGRAM:

RESULT:

The Hospital Reception System efficiently manages patient appointments, admissions, payments, and medical records, ensuring seamless hospital operations. It enhances patient experience and administrative efficiency.