

EXERCISE: 8

HOSPITAL MANAGEMENT SYSTEM

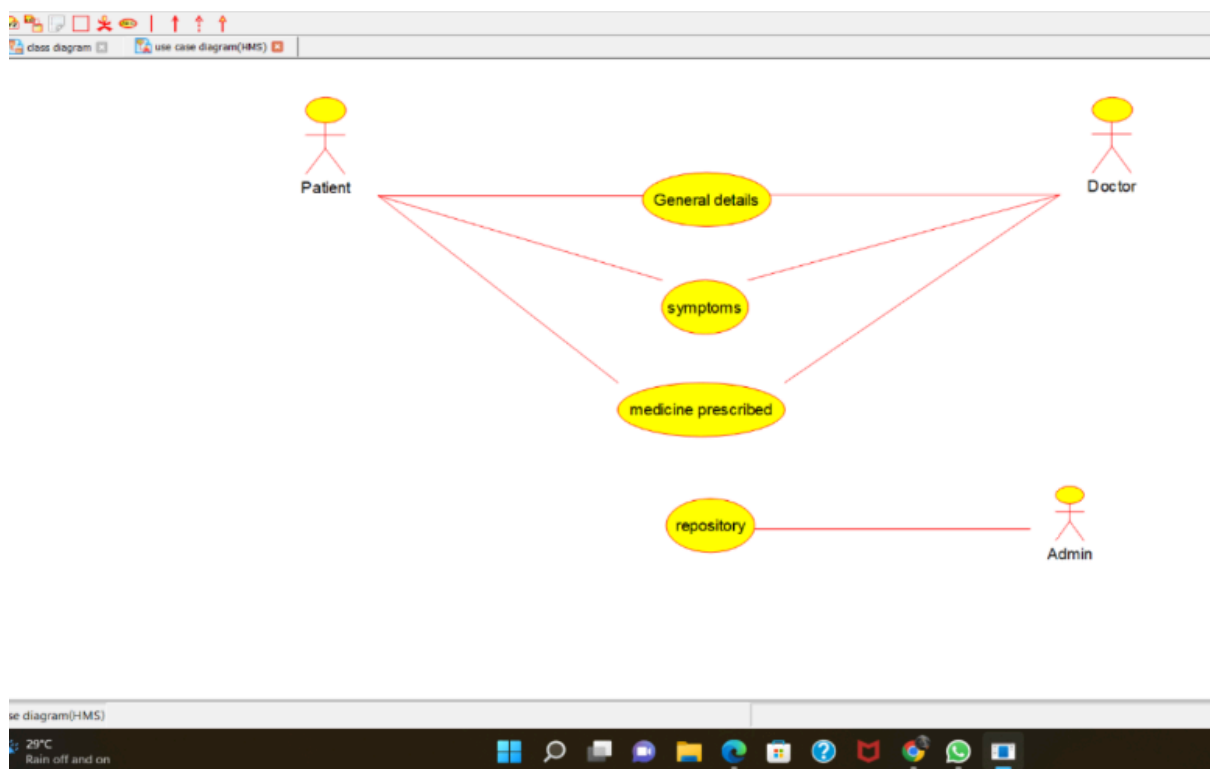
Aim:

To design a Hospital Reception System that manages patient appointments, admissions, payments, and record-keeping efficiently.

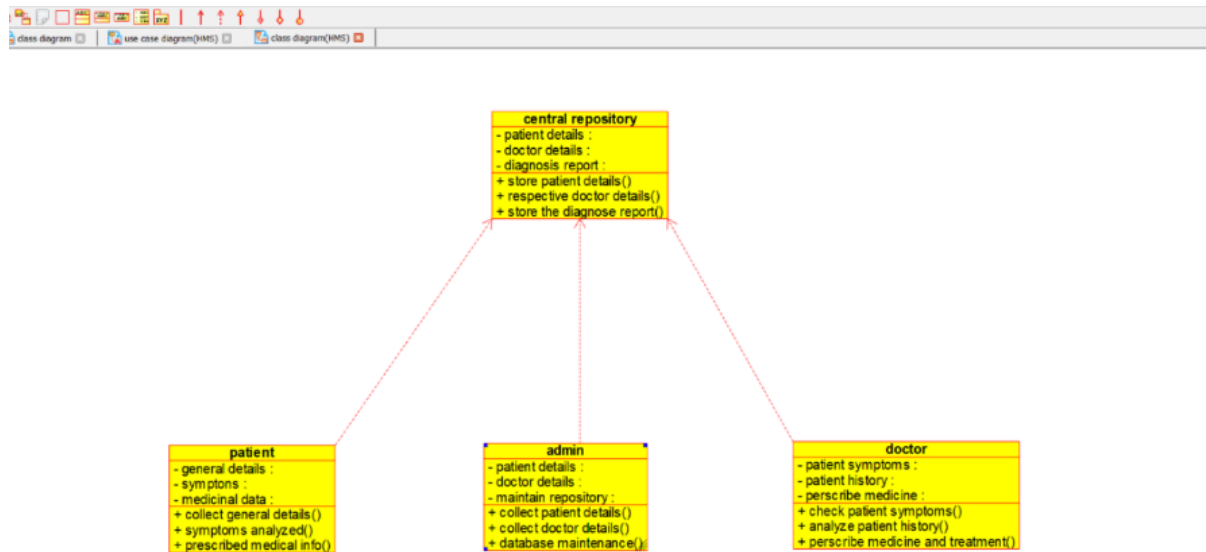
Procedure:

1. Identify the key tasks performed by the hospital reception.
2. Define interactions between receptionists, patients, and the system.
3. Structure the system to handle appointments, admissions, and payments.
4. Implement record management for patient details and medical reports.
5. Verify the system for accuracy and efficiency.

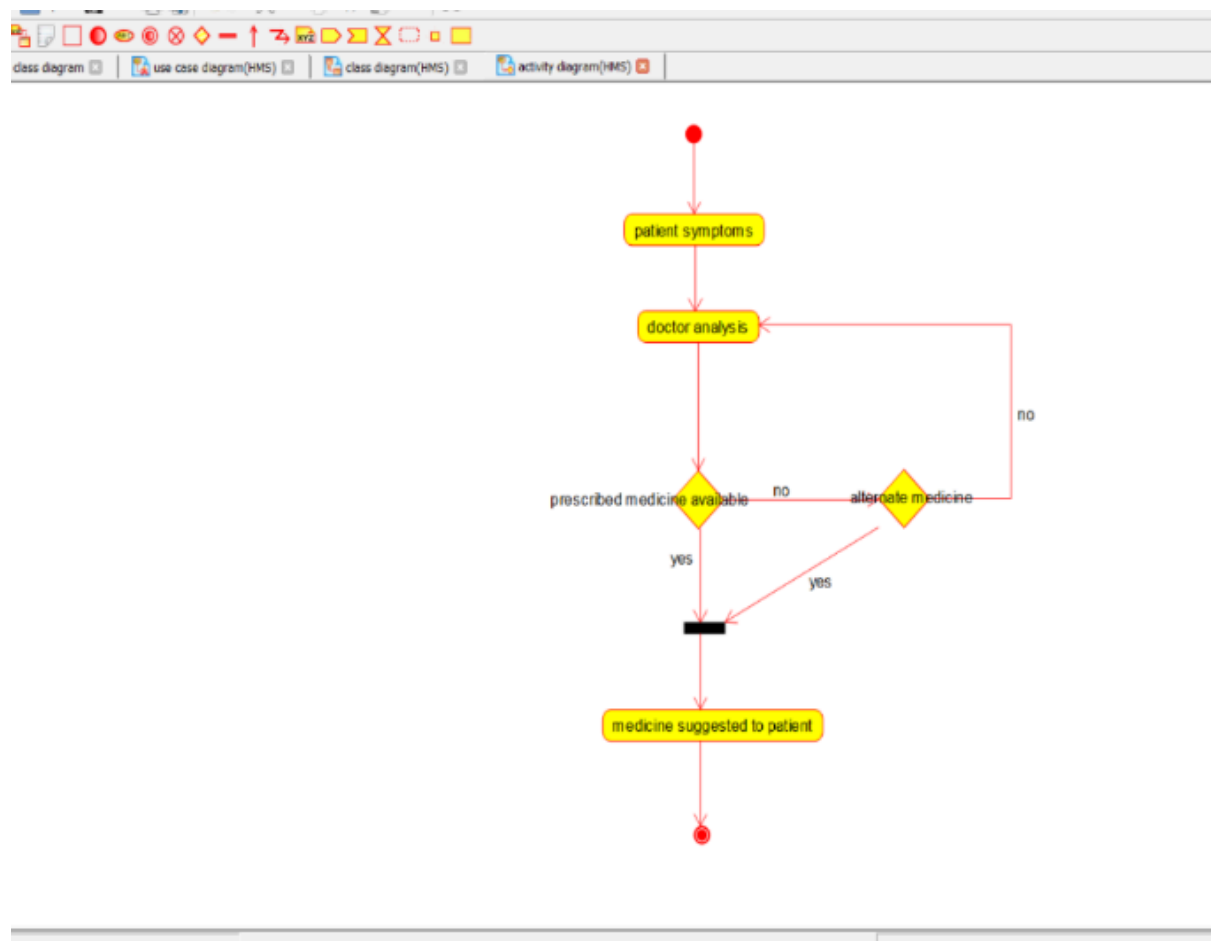
USE CASE DIAGRAM:



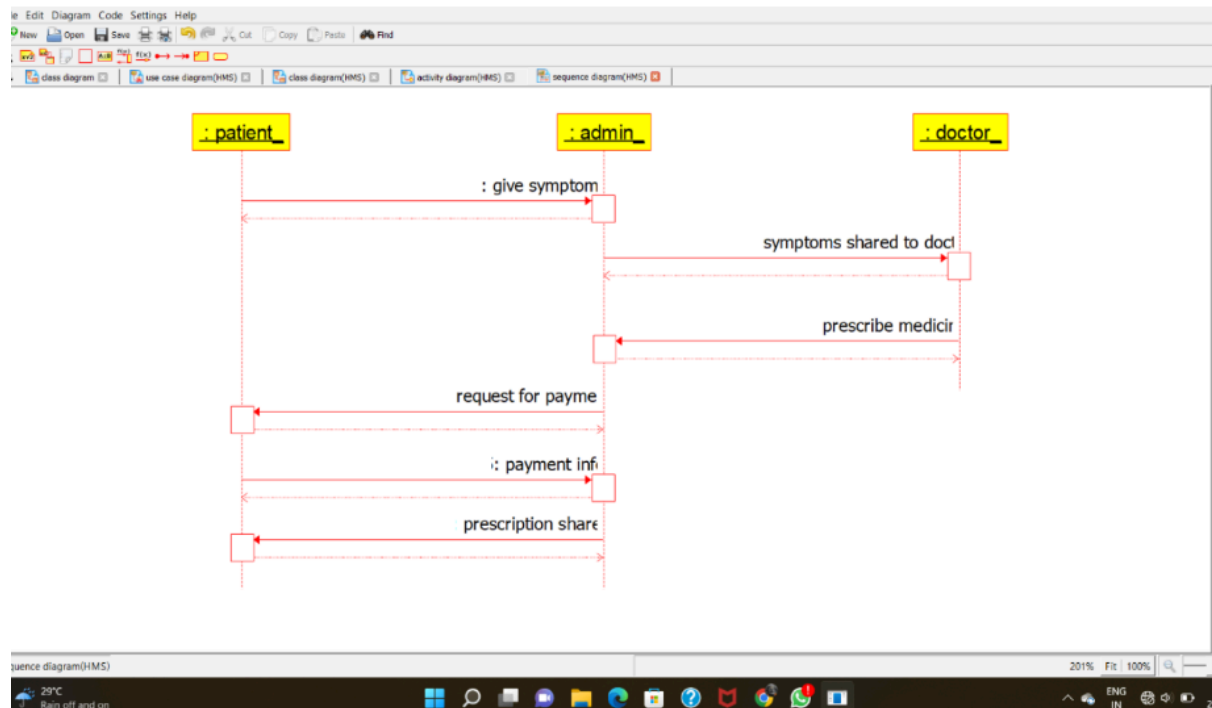
CLASS DIAGRAM:



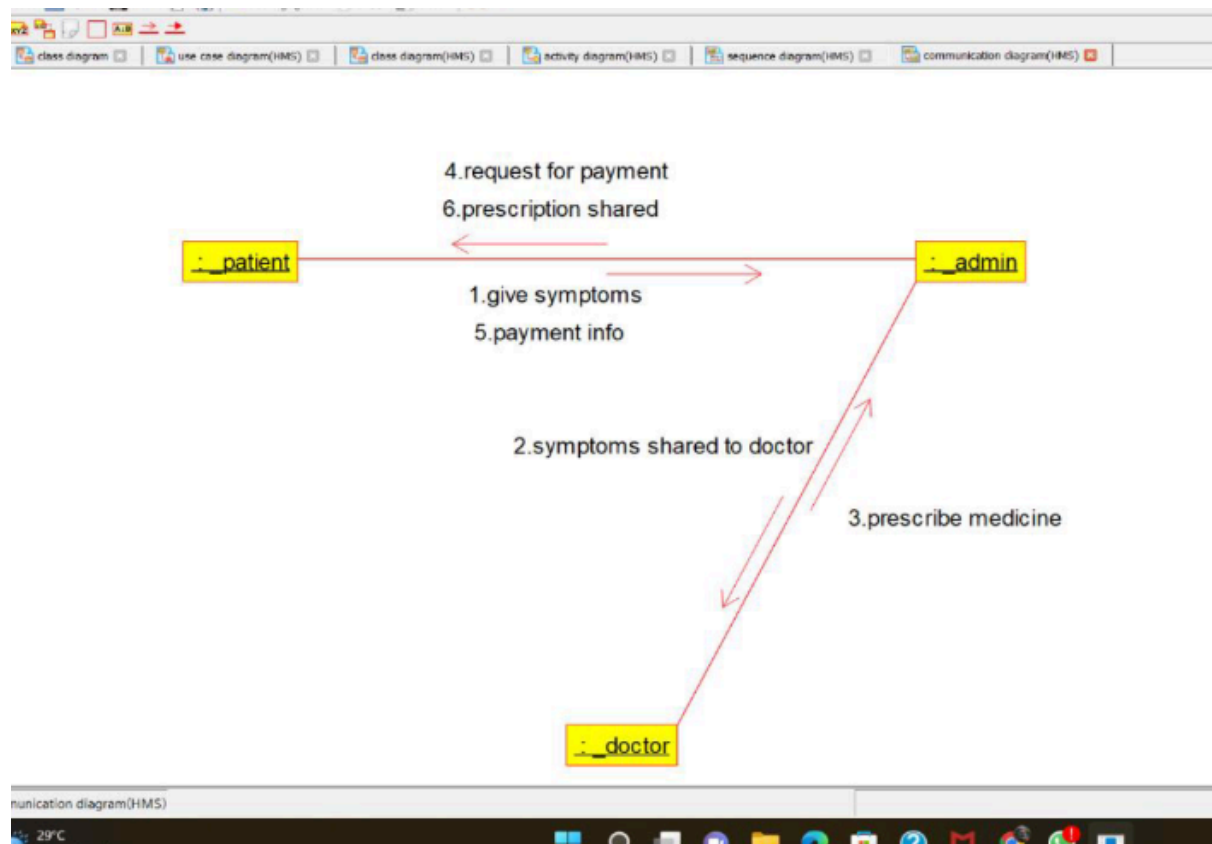
ACTIVITY DIAGRAM:



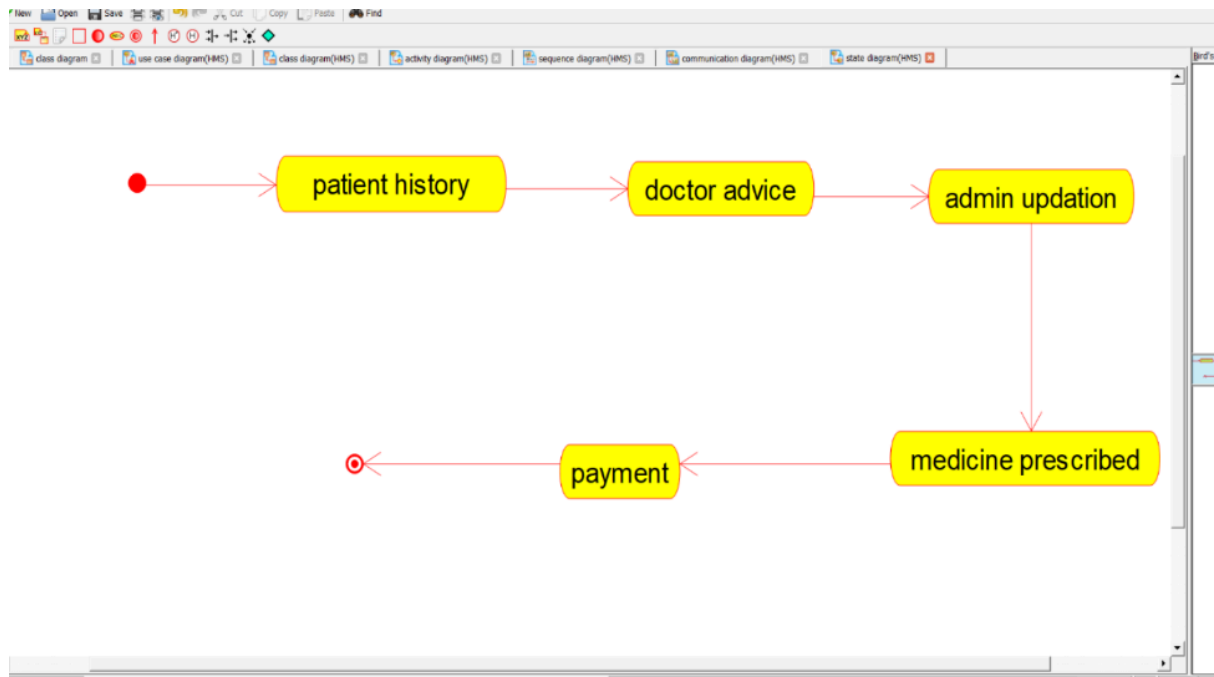
SEQUENCE DIAGRAM:



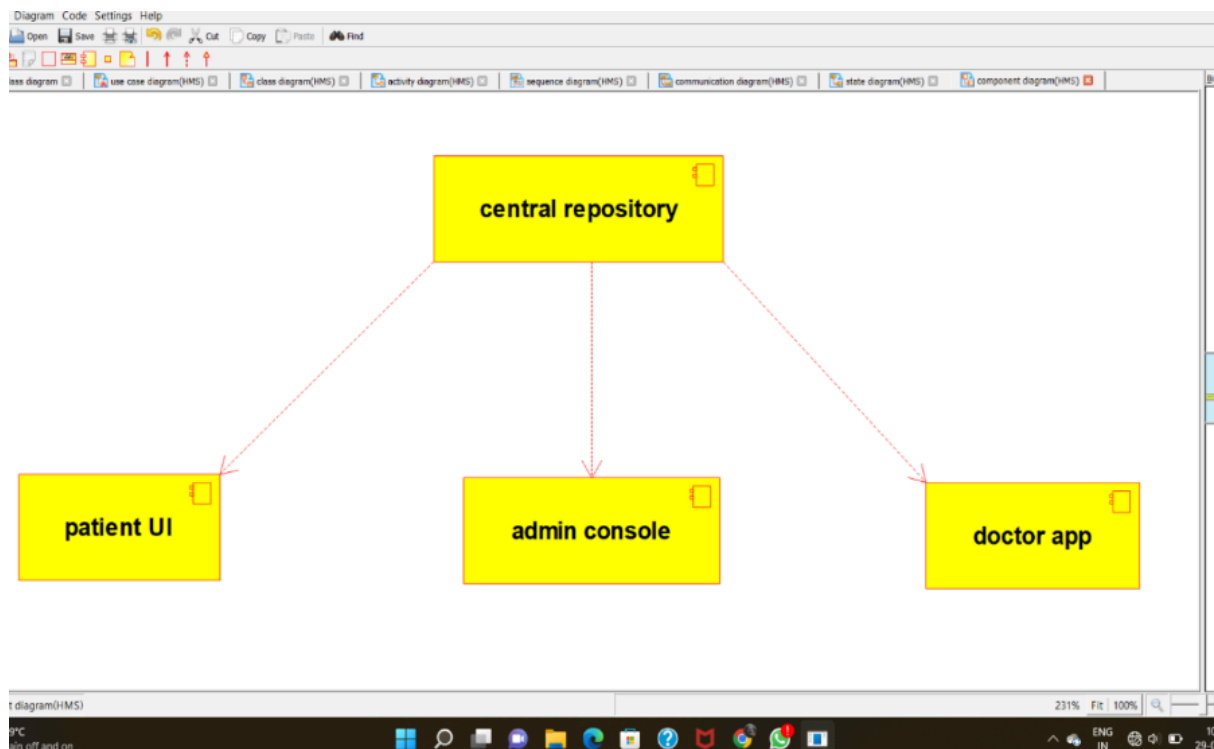
COLLABORATION DIAGRAM:



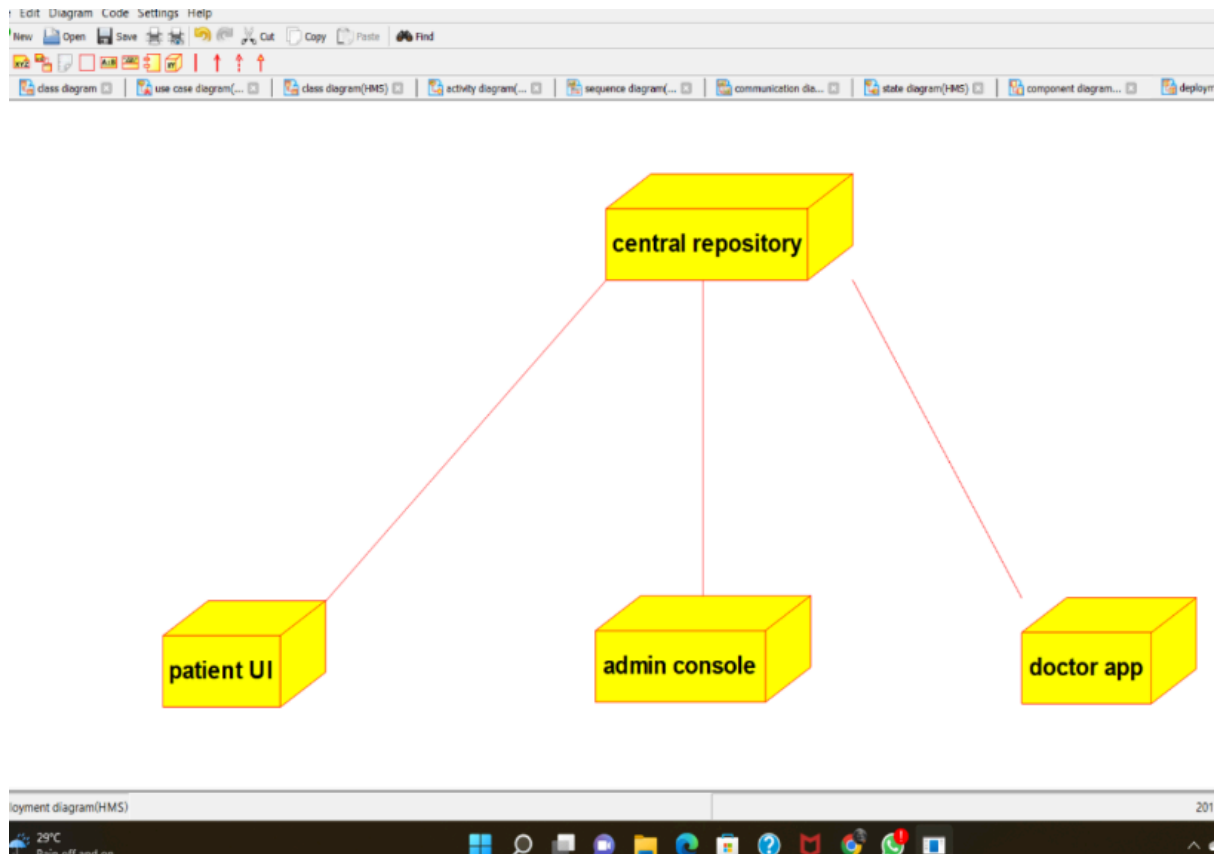
STATE CHART DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



Result:

A well-structured Hospital Reception System is created to streamline patient management, admissions, payments, and record-keeping.