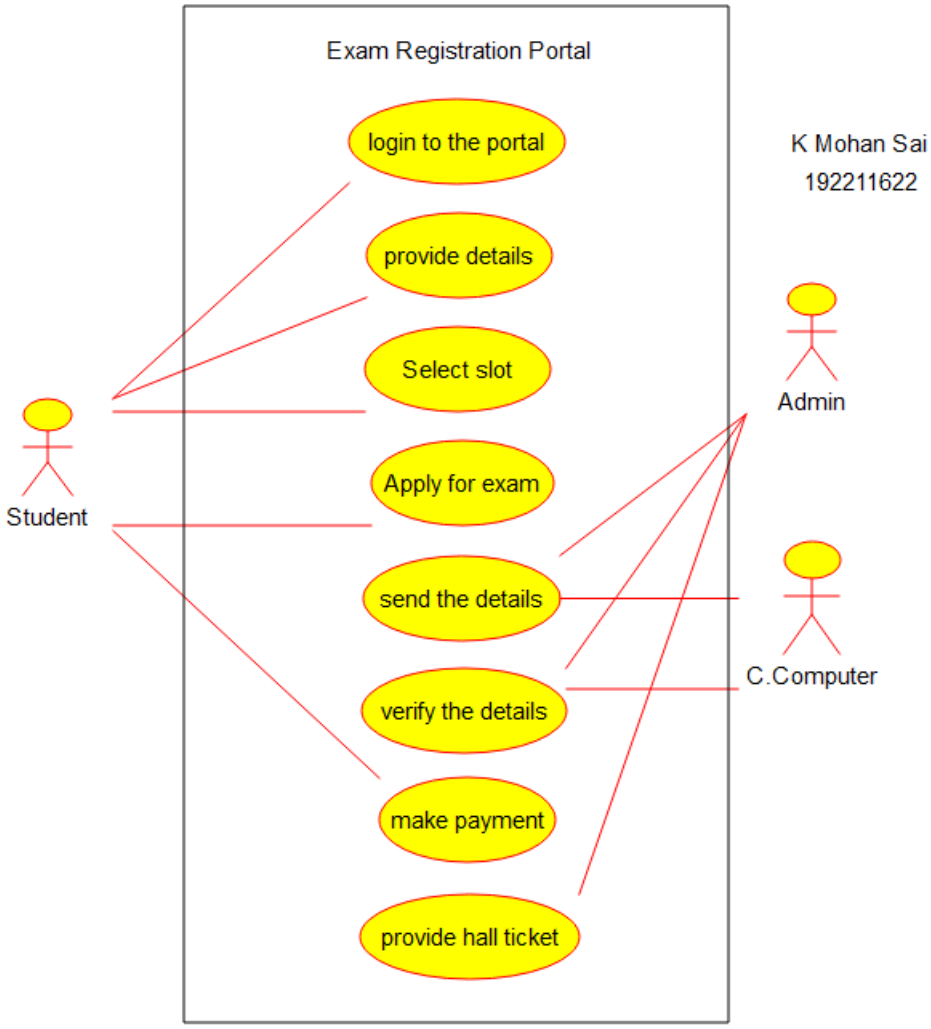
LAB ACTIVITY-2

K Mohan Sai

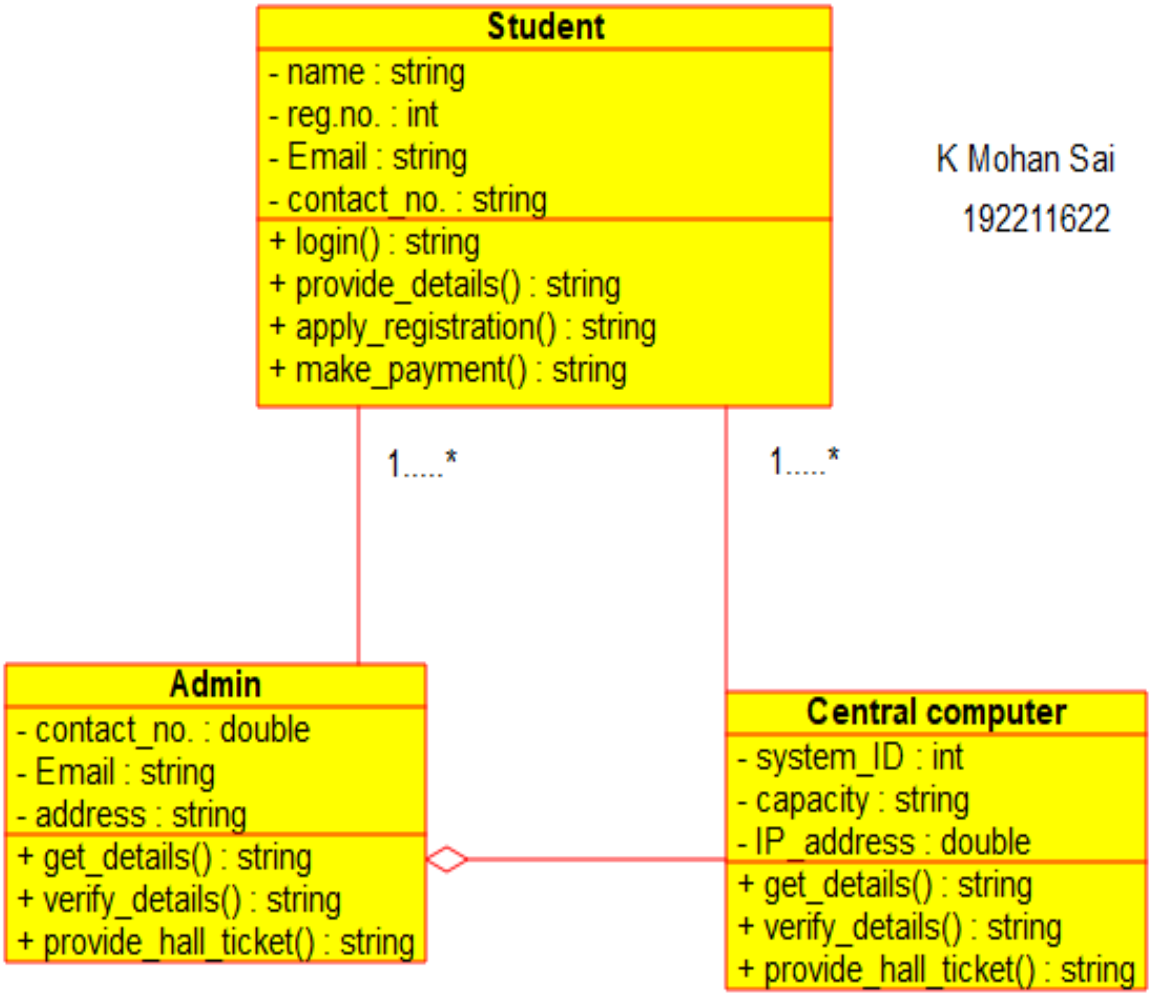
192211622

1. Develop a system using UML for implementing the Exam Registration Portal. It should verify the details of the candidate by the central computer. The details regarding the candidate will be provided to the central computer through the administrator and the computer will verify the details of the candidate and provide approval. Then the hall ticket will be issued from the office to the candidate.

USECASE DIAGRAM



CLASS DIAGRAM



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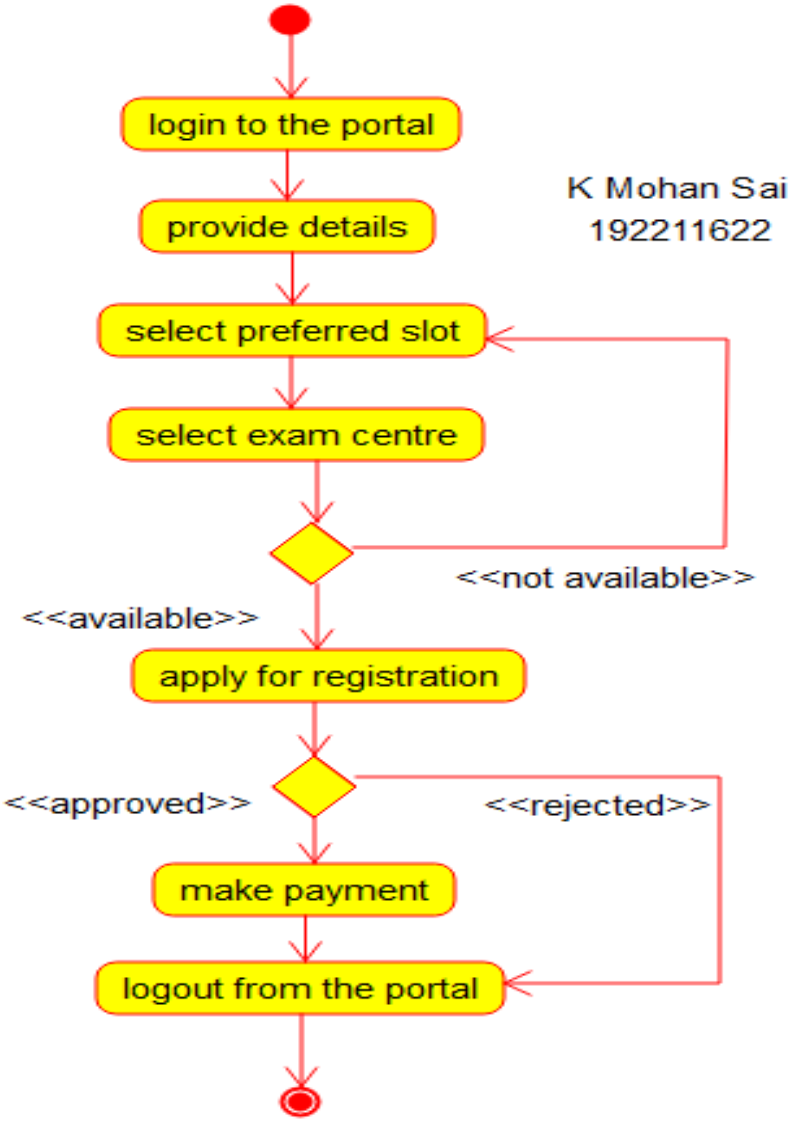
ACTIVITY DIAGRAM



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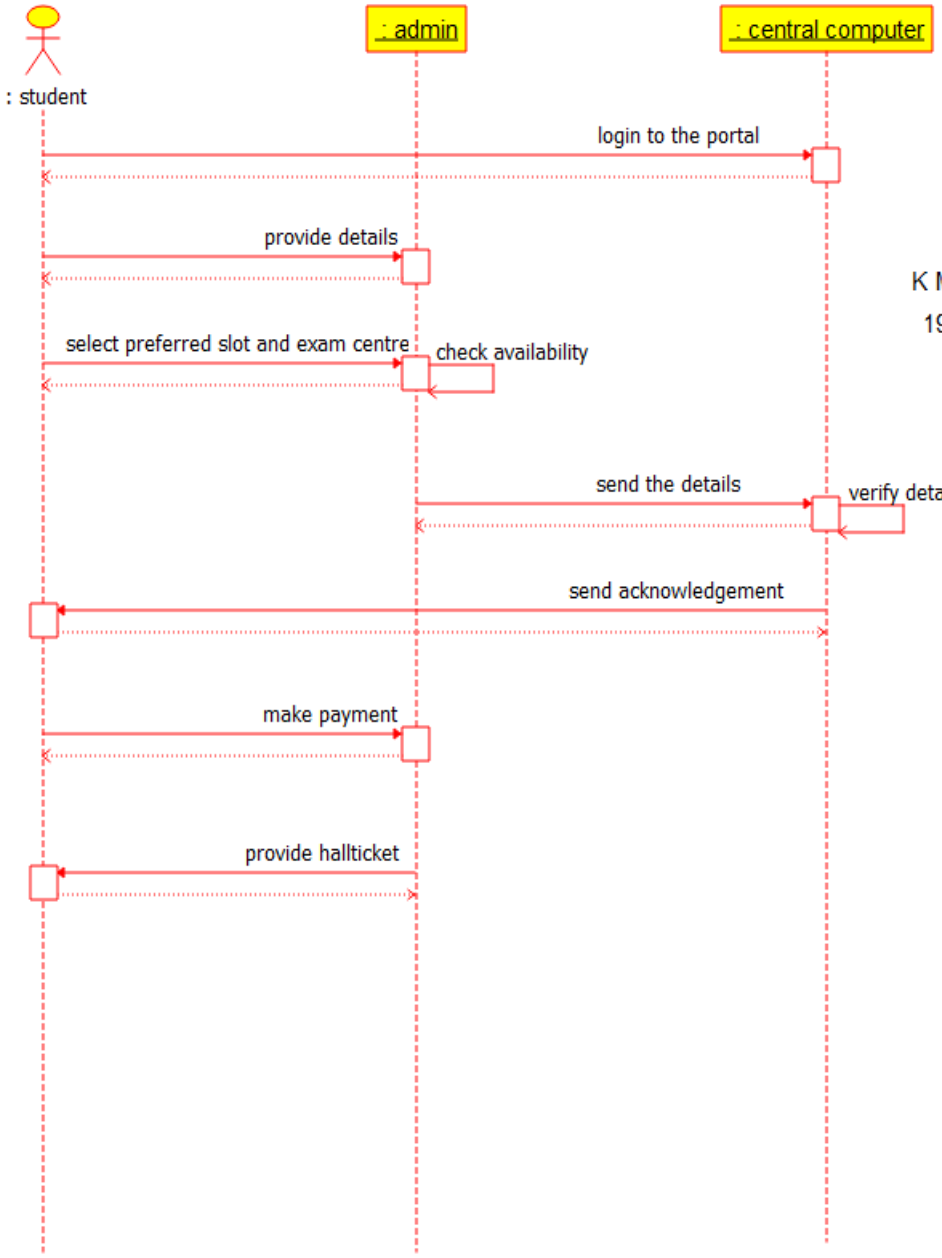
SEQUENCE DIAGRAM



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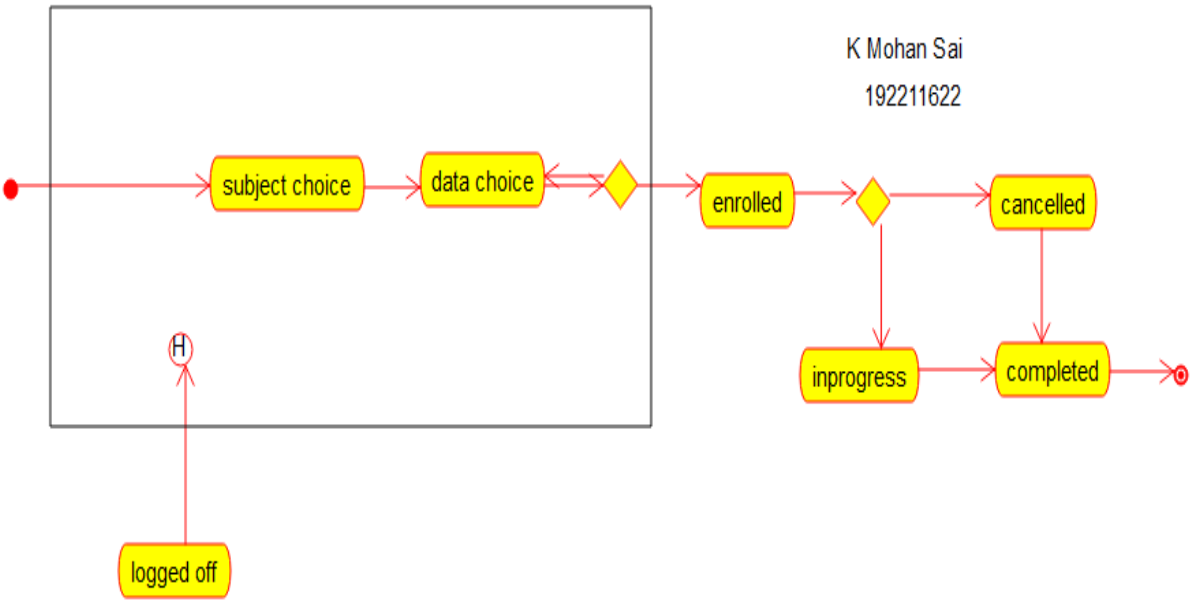
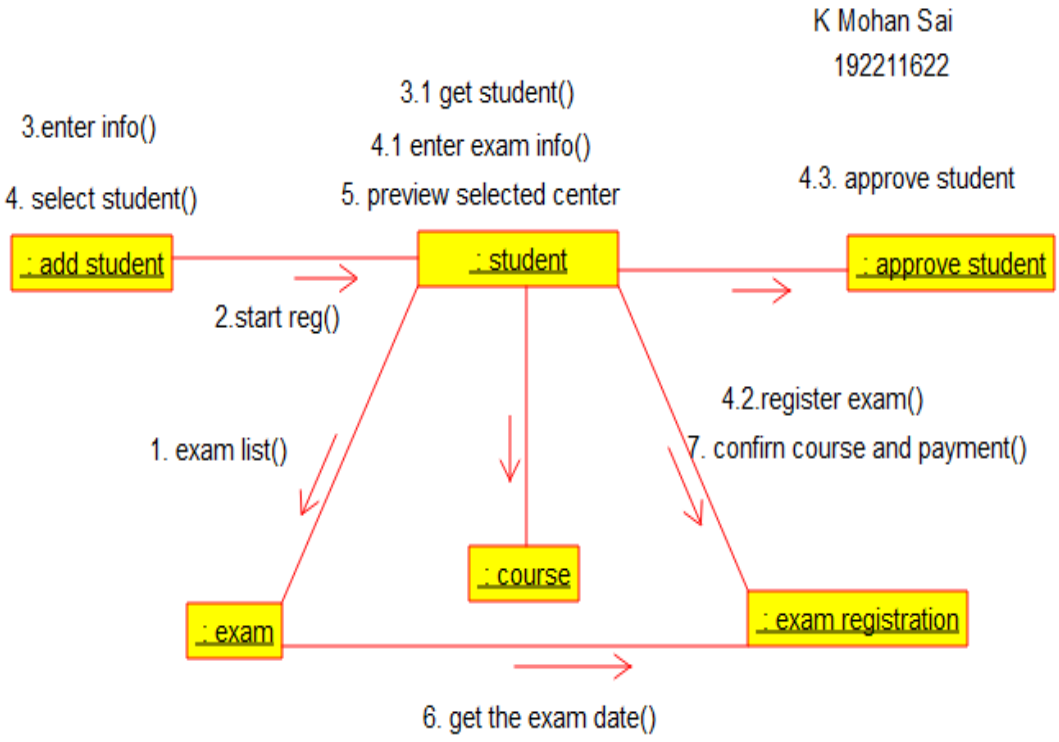
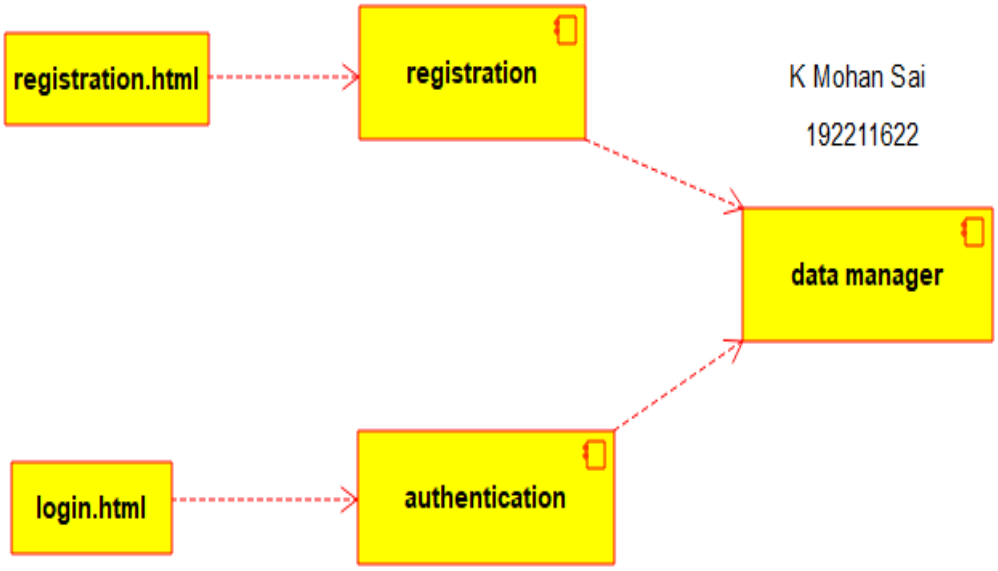
STATE DIAGRAM



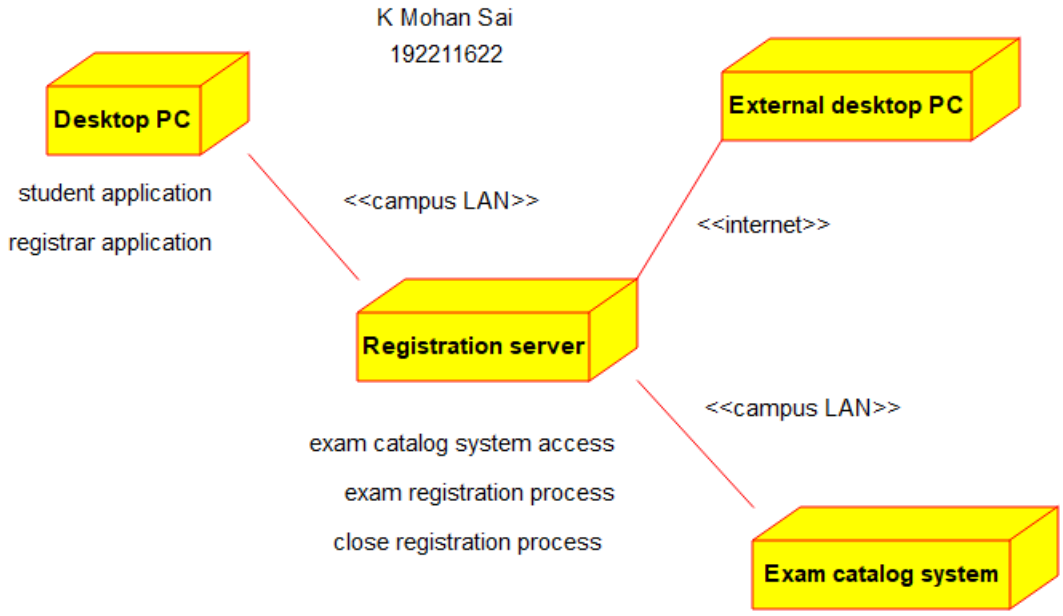
COLLOBORATION DIAGRAM



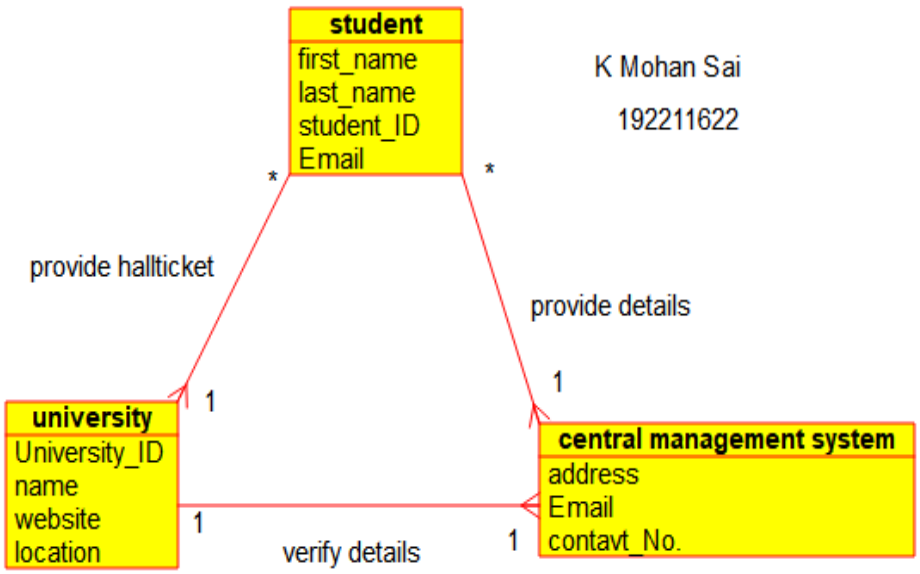
COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM

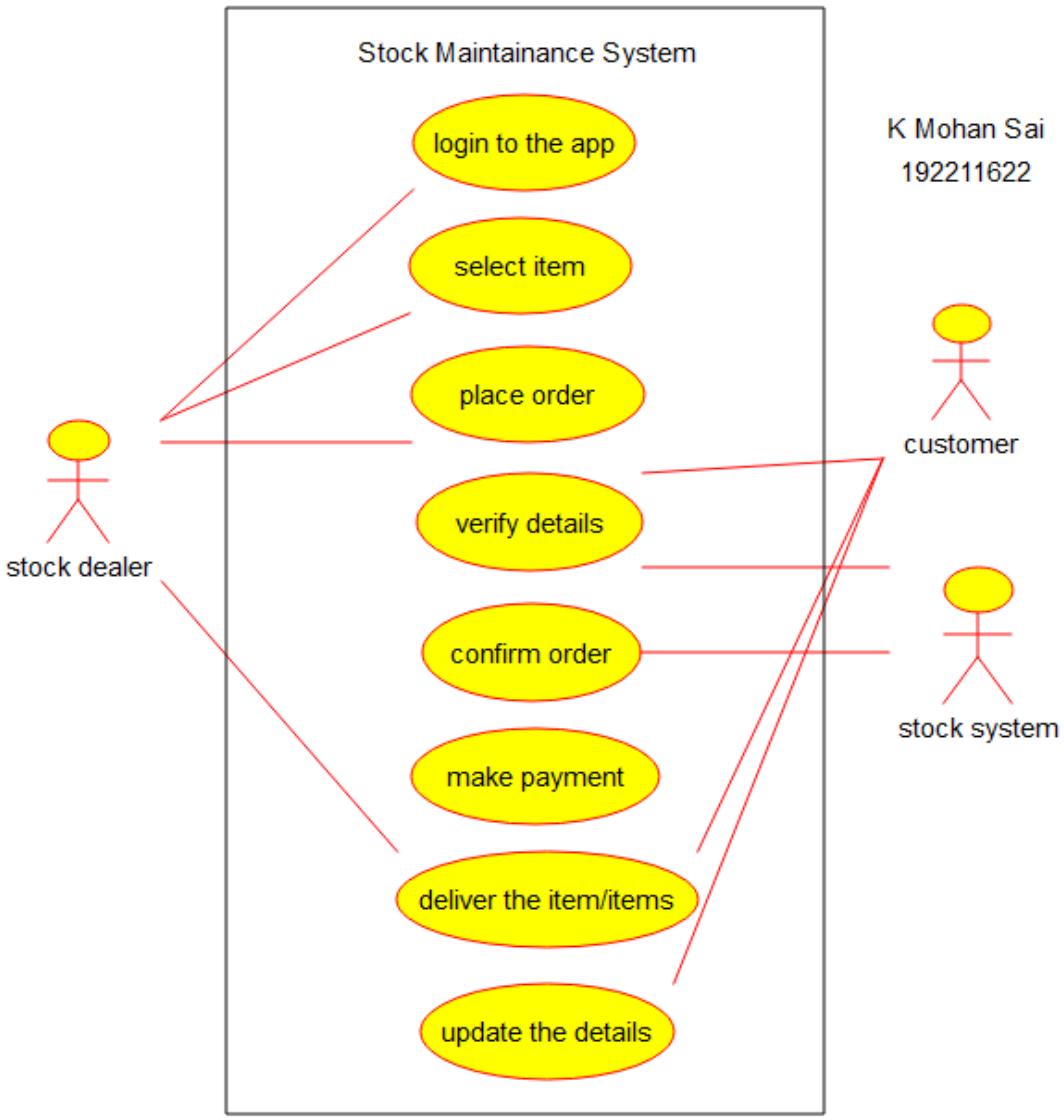


ENTITY RELATIONSHIP DIAGRAM

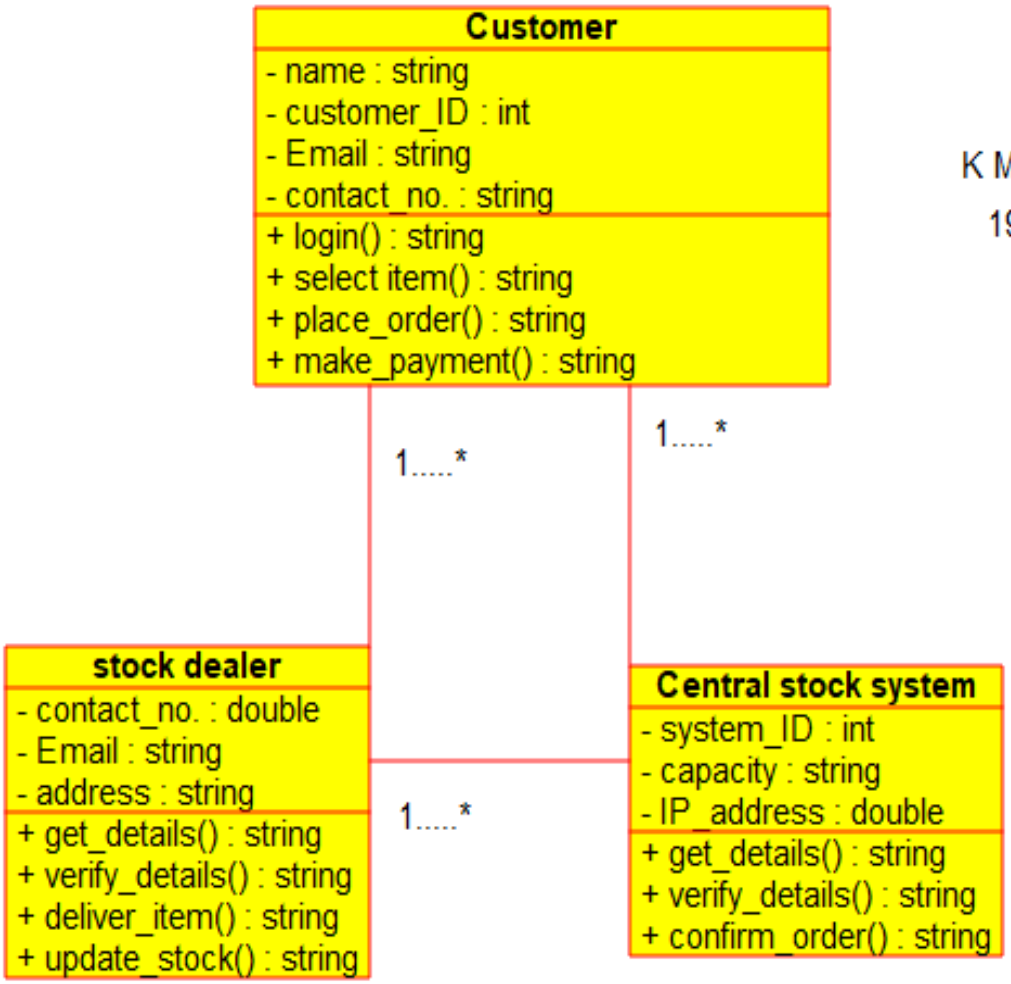


2. Develop a system using UML for implementing Stock Maintenance System. In this system, the customer can place orders and purchase items with the aid of the stock dealer and central stock system. These orders are verified and the items are delivered to the customer. Then the stock details are to be updated accordingly.

USECASE DIAGRAM



CLASS DIAGRAM



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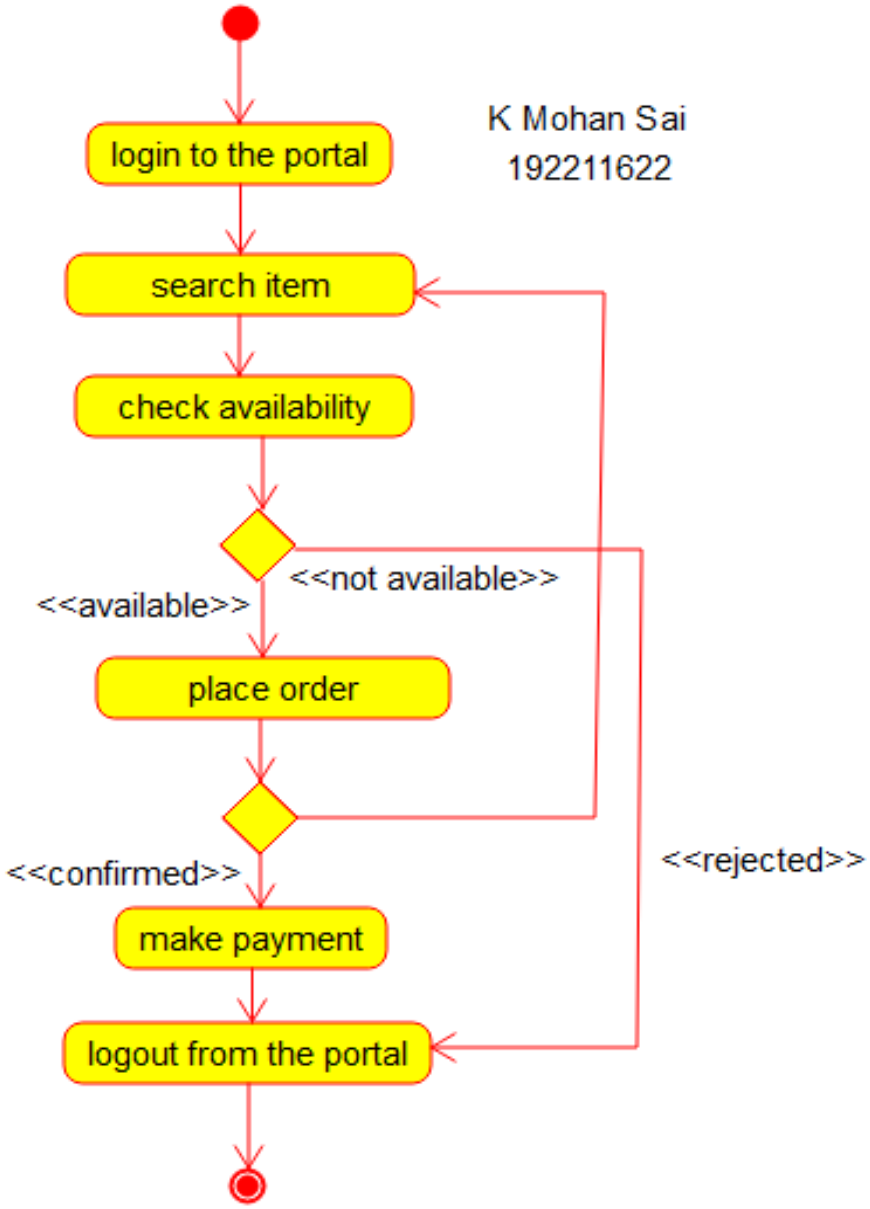
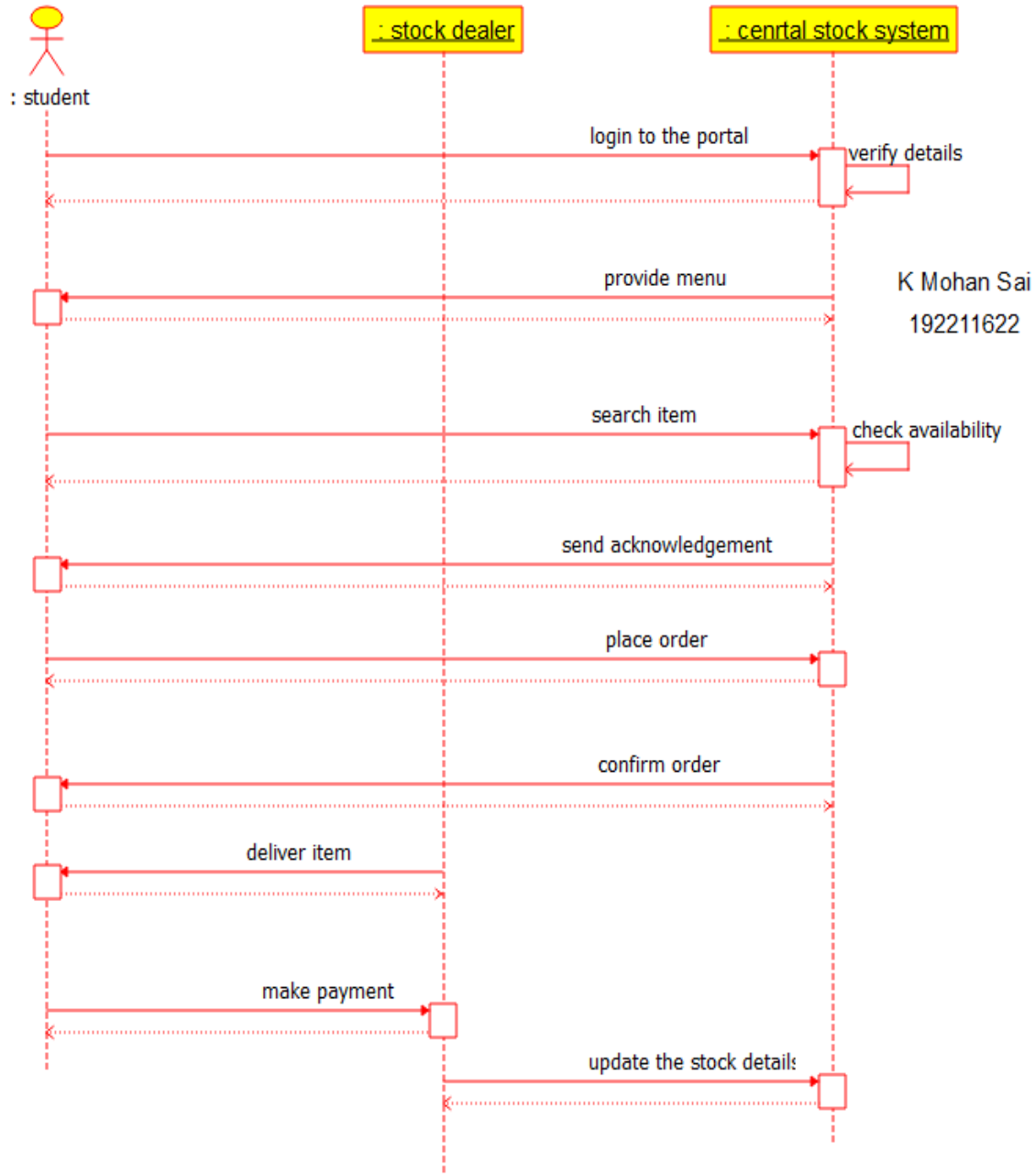
ACTIVITY DIAGRAM



SEQUENCE DIAGRAM



STATE DIAGRAM

K Mohan Sai
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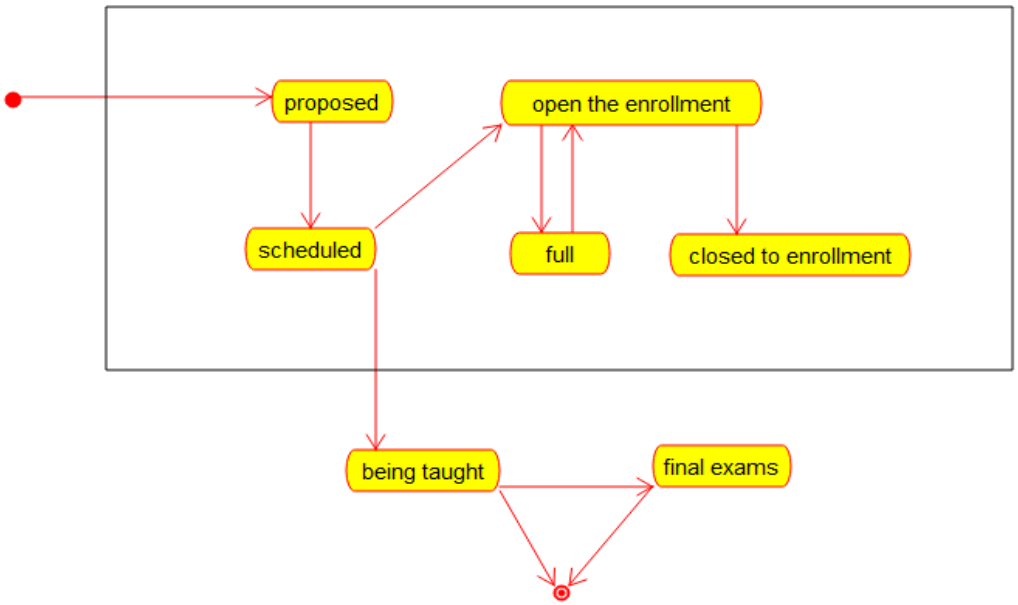
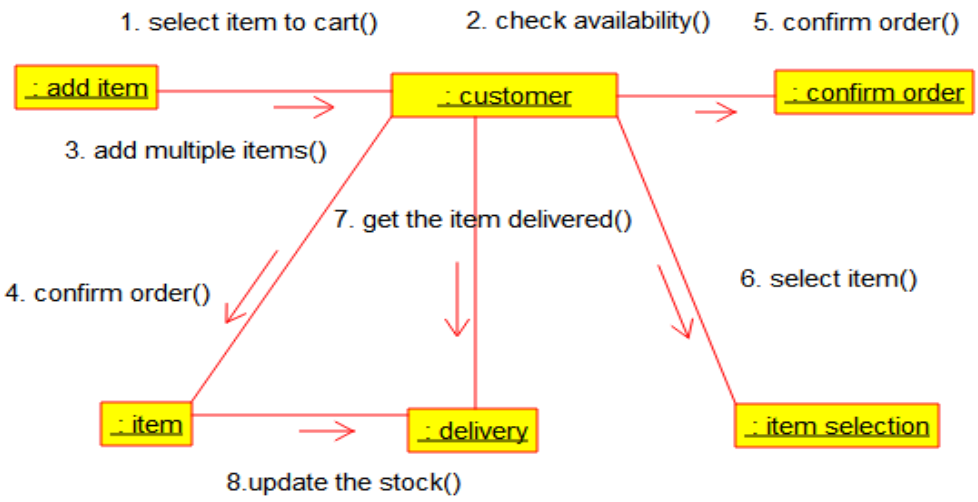
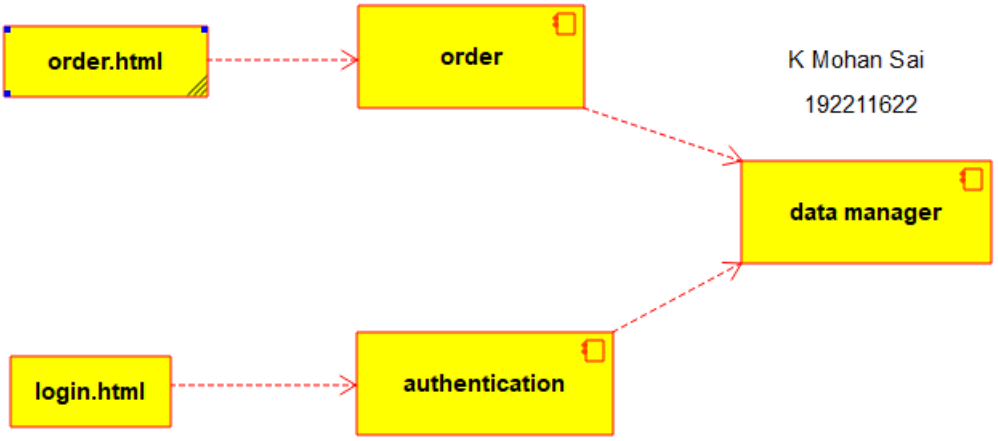


COLLABORATION DIAGRAM

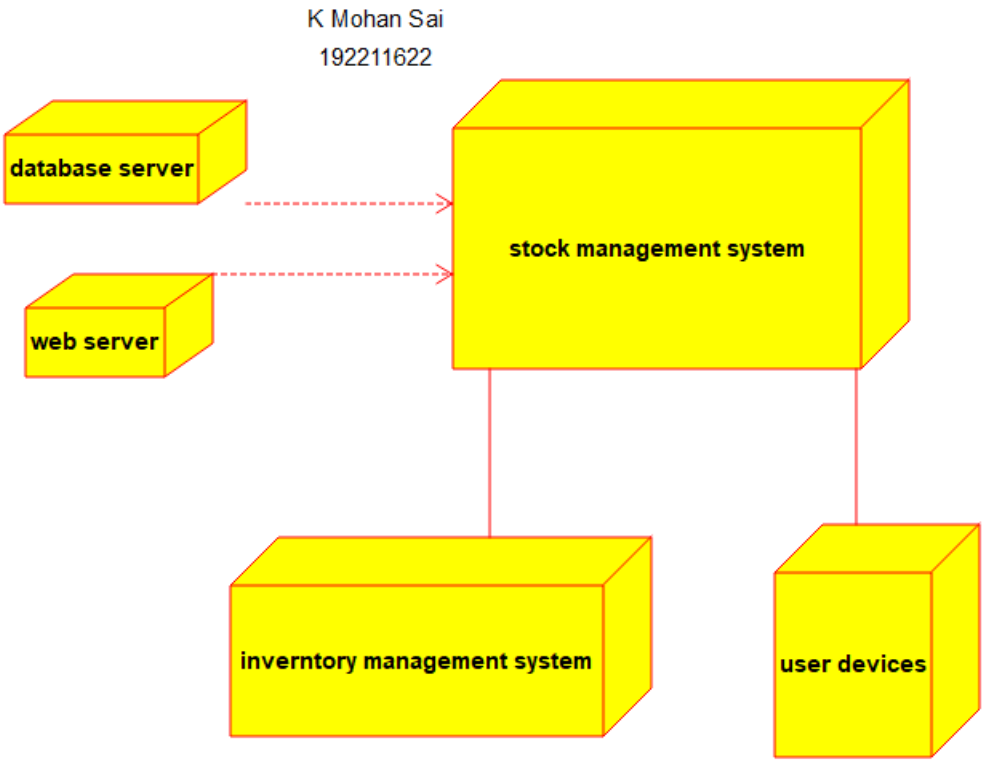
K Mohan Sai
192211622



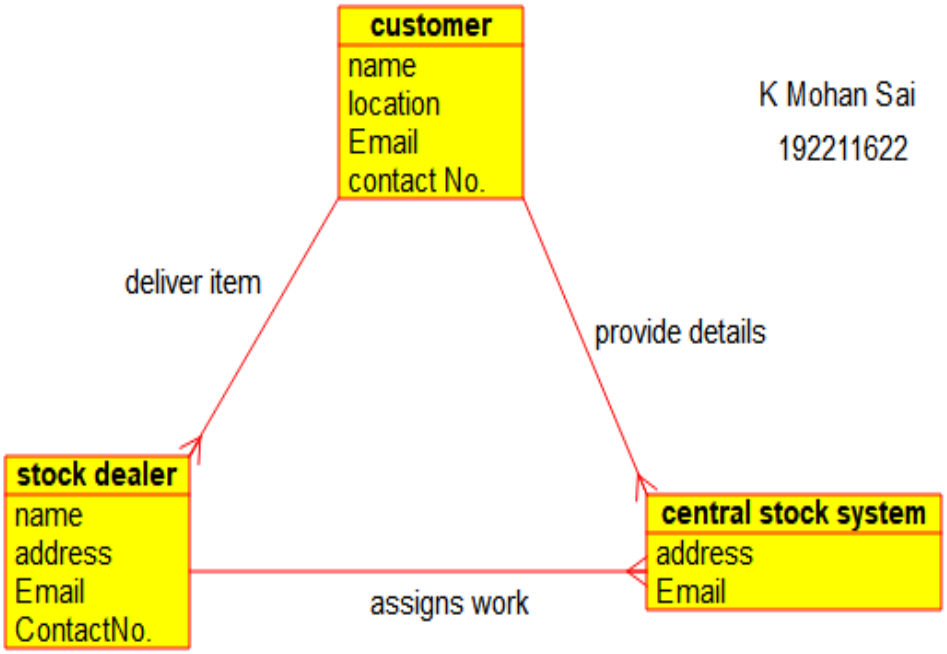
COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM

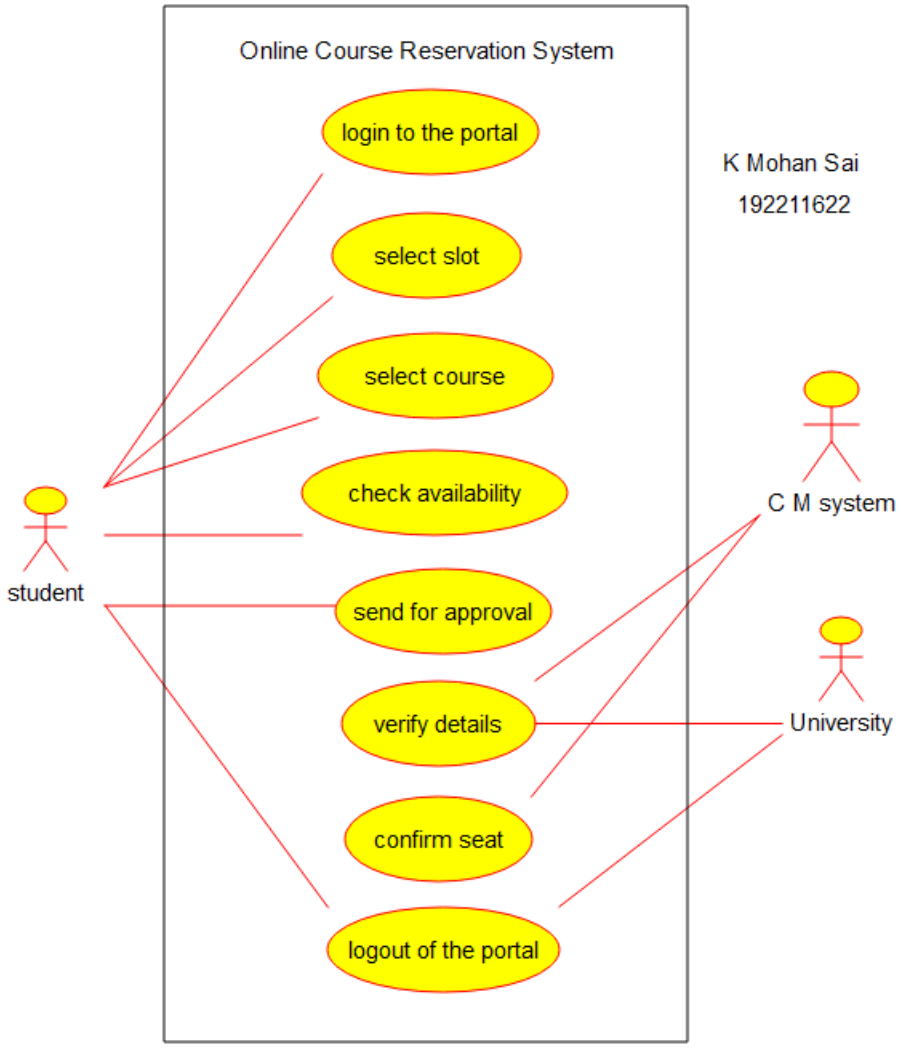


ENTITY RELATIONSHIP DIAGRAM

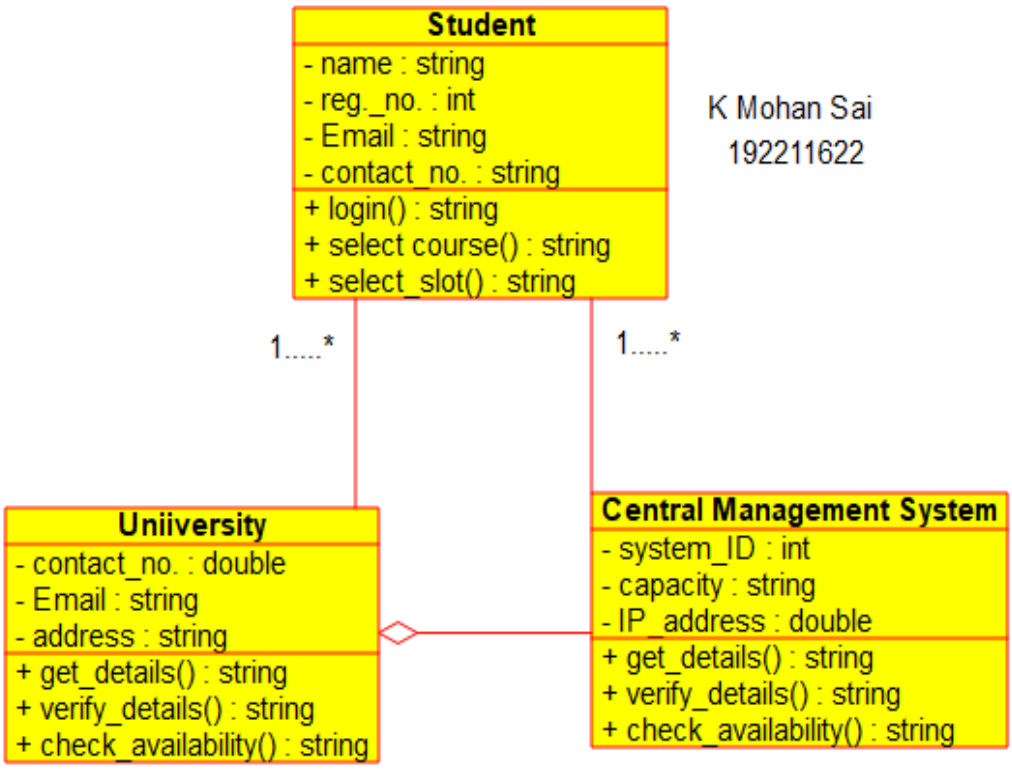


3. Develop a system using UML for implementing Online Course Reservation System. This system is organized by the central management system. The student first browses and selects the desired course of their choice. The university then checks the availability of the seat if it is available the student is enrolled for the course.

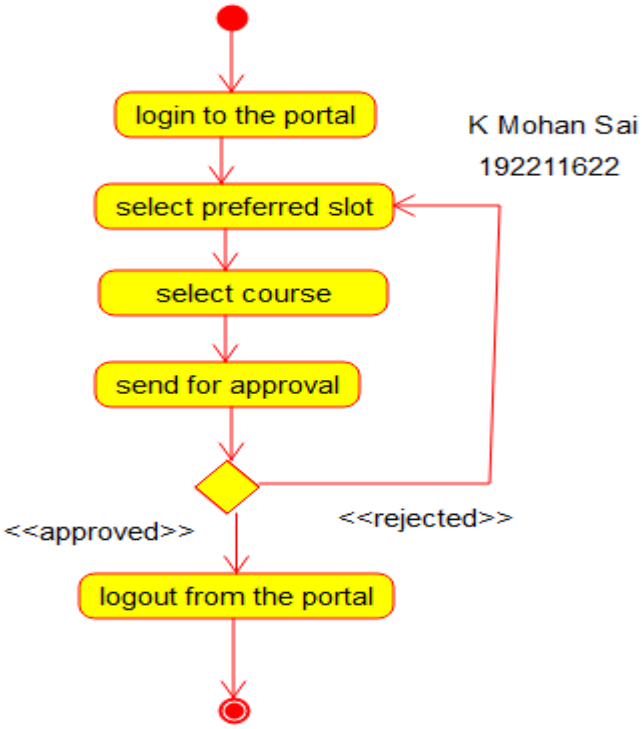
USECASE DIAGRAM



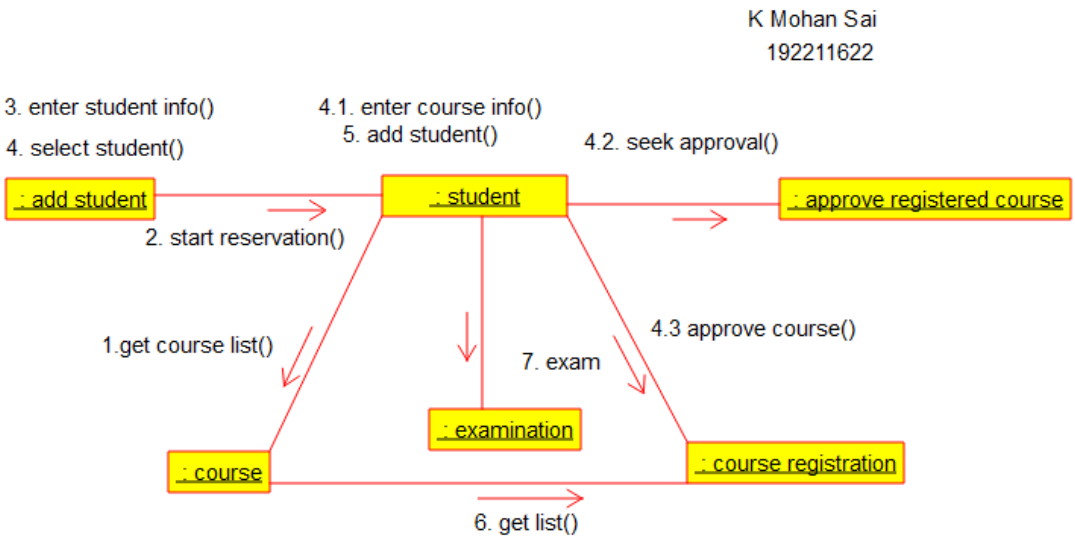
CLASS DIAGRAM



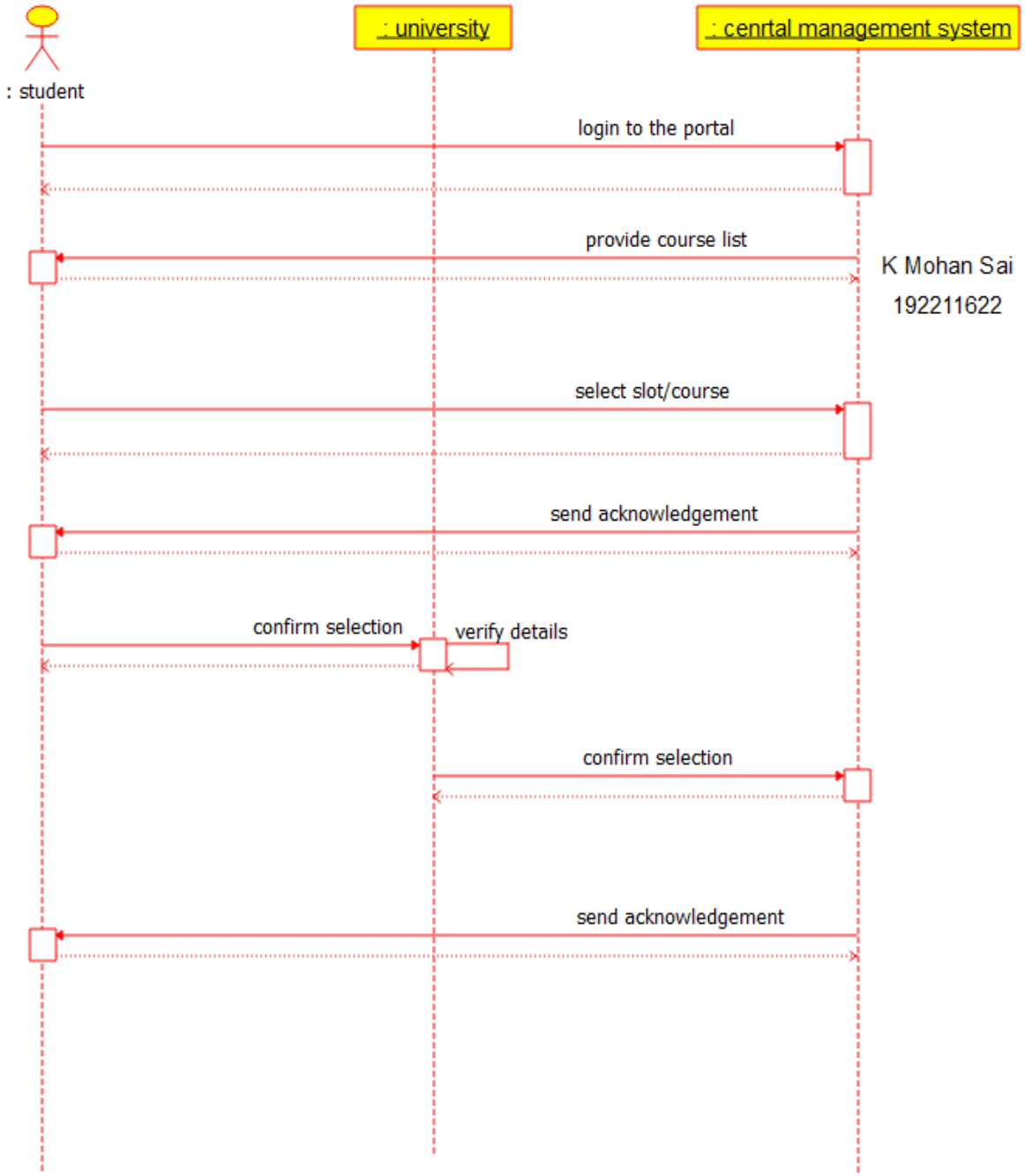
ACTIVITY DIAGRAM



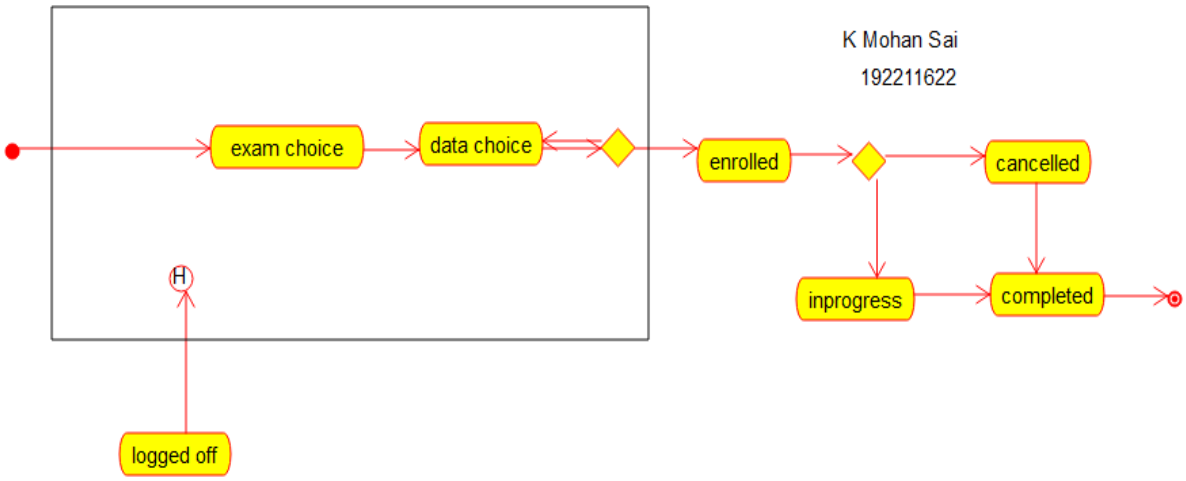
COLLABORATION DIAGRAM



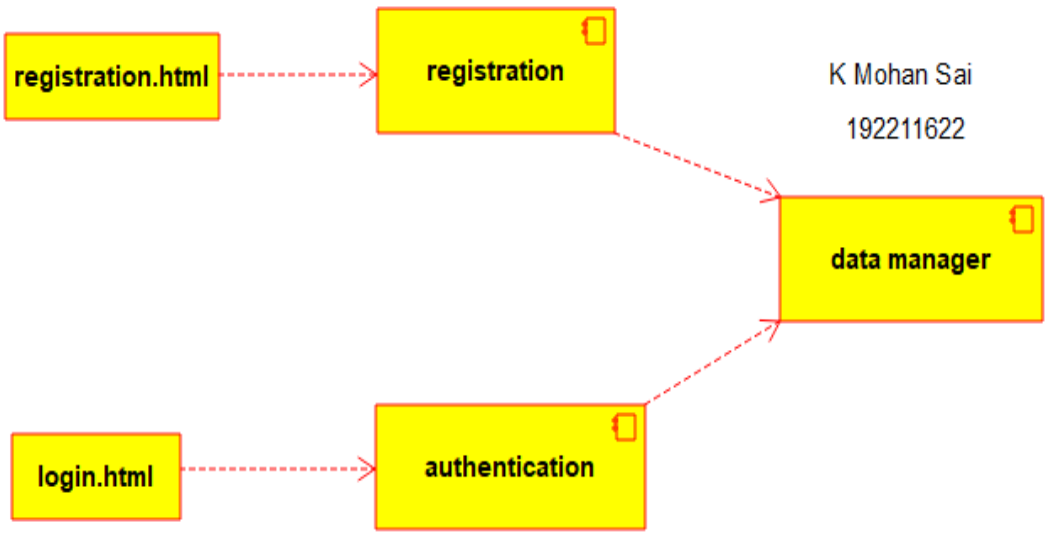
SEQUENCE DIAGRAM



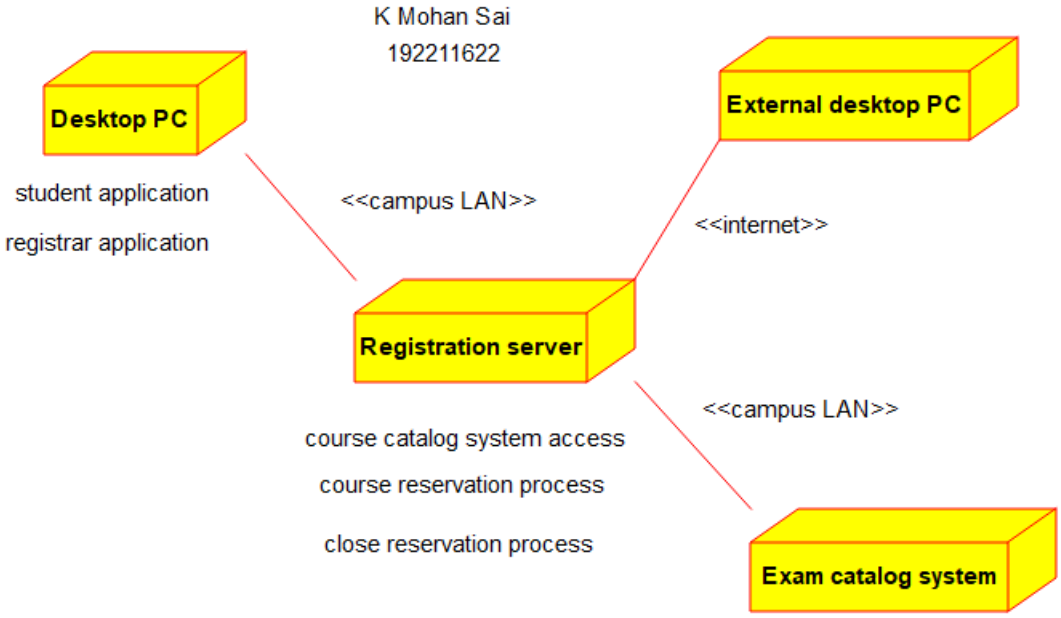
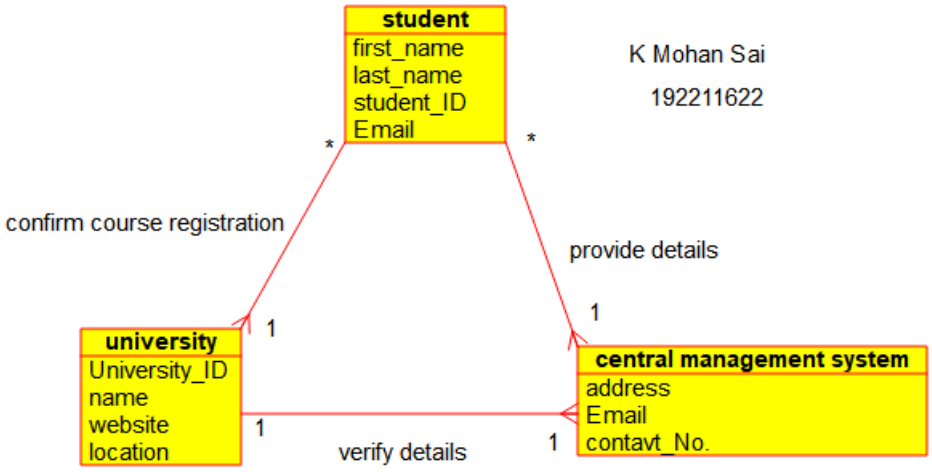
STATE DIAGRAM



COMPONENT DIAGRAM



DEPLOYMENT DIAGRAM



ENTITY RELATIONSHIP DIAGRAM