**CSA1195 OBJECT ORIENTED ANALYSIS AND DESIGN**

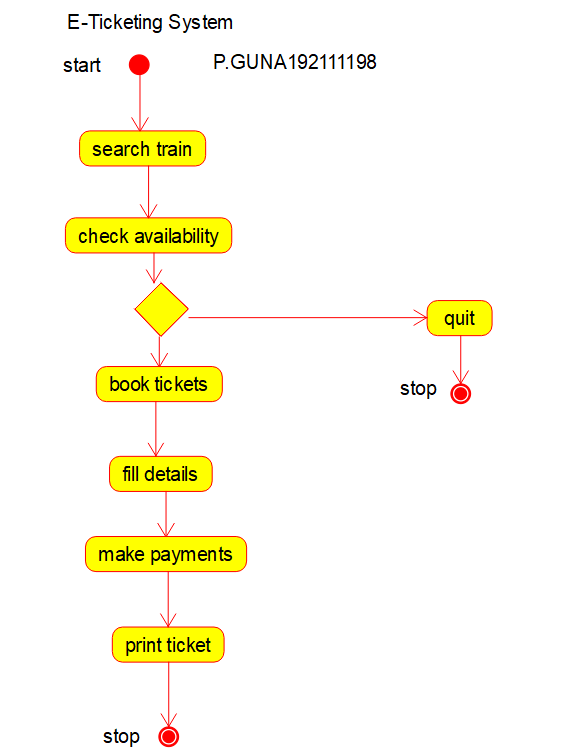
**DAY 2 LAB PRACTICAL : 09.08.2023(AN)**

**NAME : P.GUNADEESH REDDY**

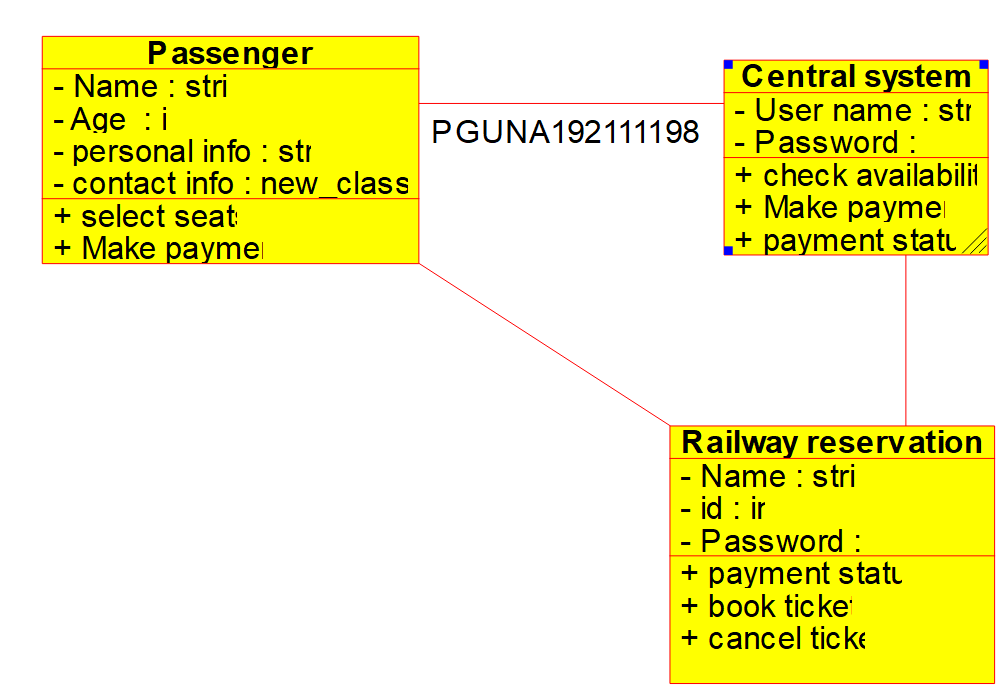
**REGISTER NUMBER : 192111198**

**1.Develop a system using UML for implementing E-Ticketing System. This is to be used by the passenger for reserving the tickets for their travel. This E-ticketing is organized by the central system. The information is provided by the railway reservation system.**

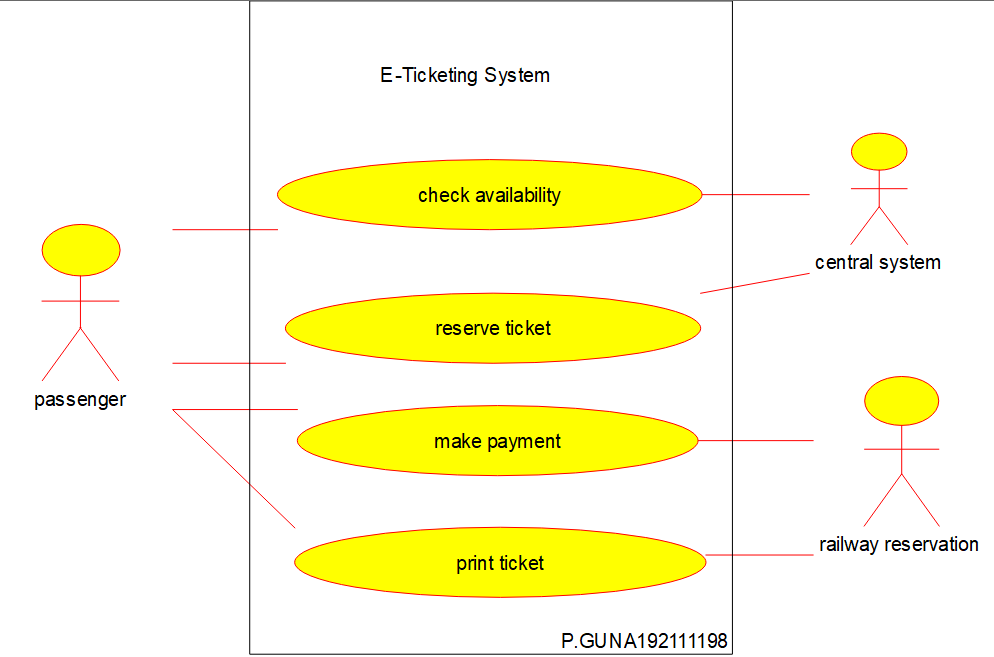
**ACTIVITY DIAGRAM FOR E-TICKETING SYSTEM:**



**CLASS DIAGRAM FOR E-TICKETING SYSTEM:**

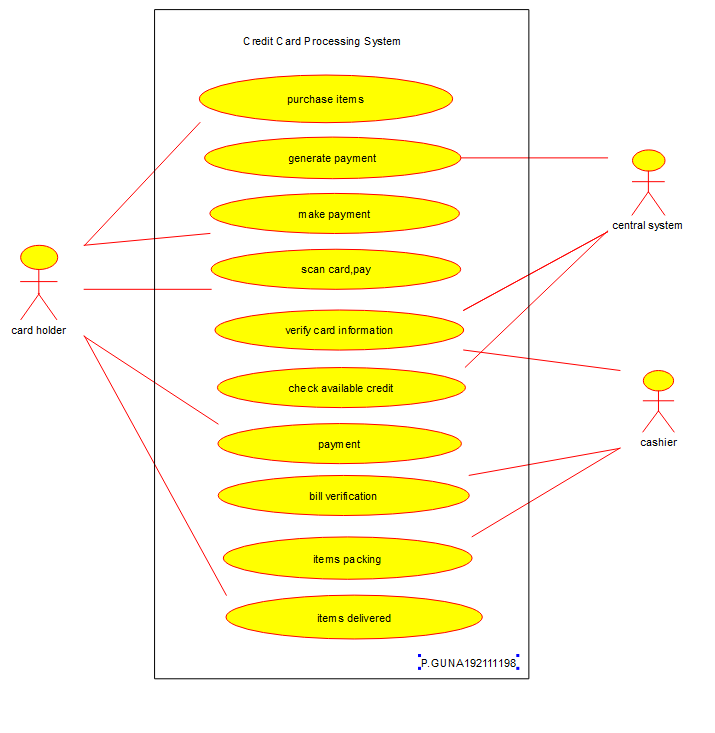


**USE CASE DIAGRAM FOR E-TICKETING SYSTEM:**

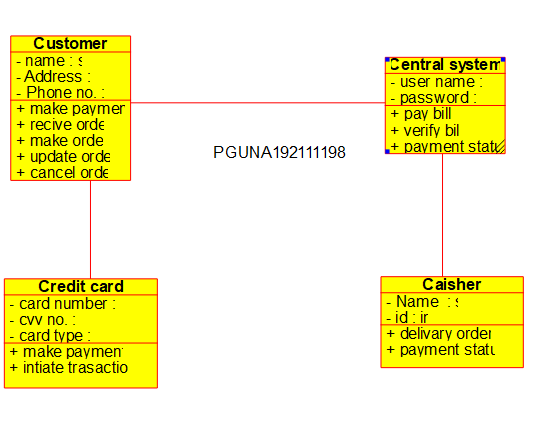


**2.** Develop a system using UML for implementing Credit Card Processing System. In this system, the cardholder can purchase items and pays the bill with the aid of a credit card. The cashier should accept the card and proceed with the transaction using the central system. The bill is to be verified and the items are delivered to the cardholder based on it.

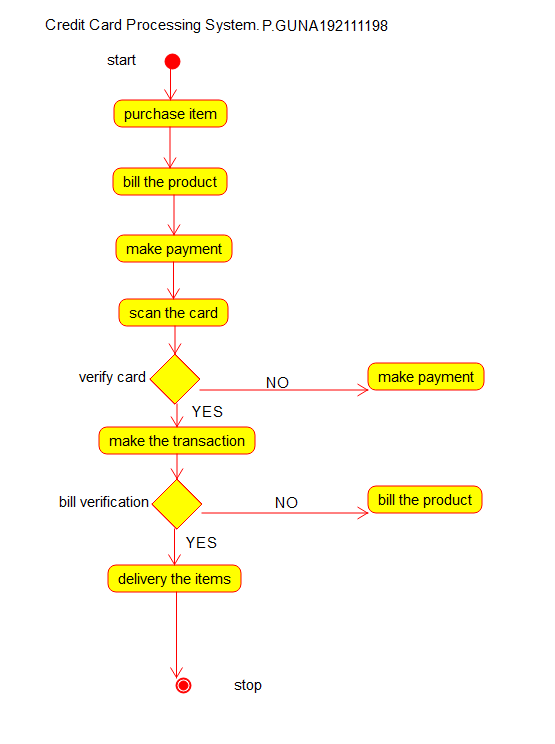
USE CASE DIAGRAM FOR **CREDIT CARD PROCESSING SYSTEM**:



CLASS DIAGRAM FOR **CREDIT CARD PROCESSING SYSTEM**:

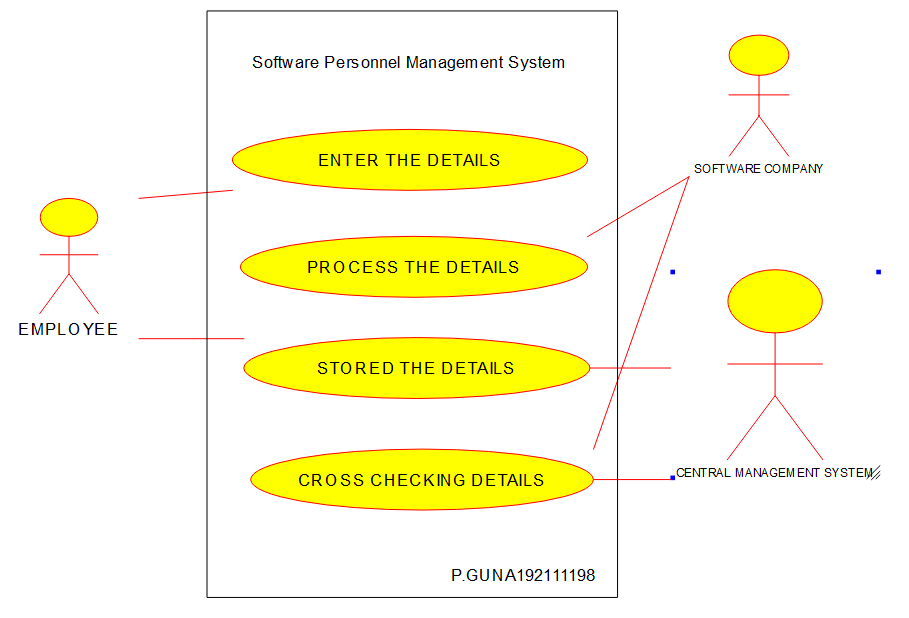


ACTIVITY DIAGRAM FOR **CREDIT CARD PROCESSING SYSTEM**:

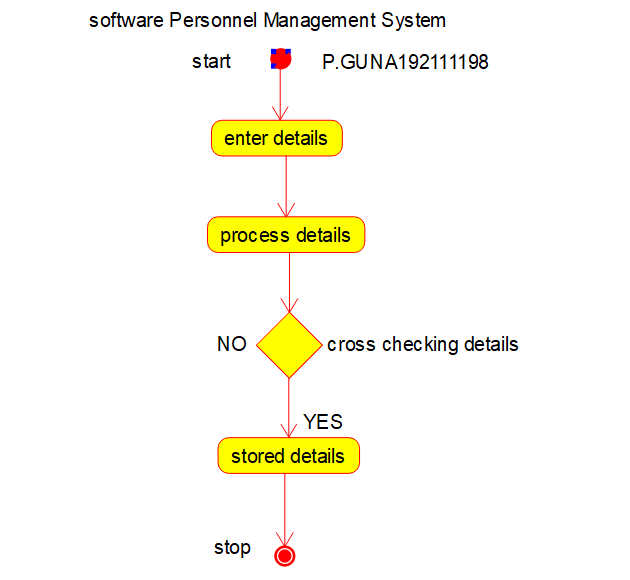


**3.** Develop a system using UML for Software Personnel Management System. It should be used to process the details of a person who works in a software company. The details are to be stored in the central management system for cross-checking the person’s details.

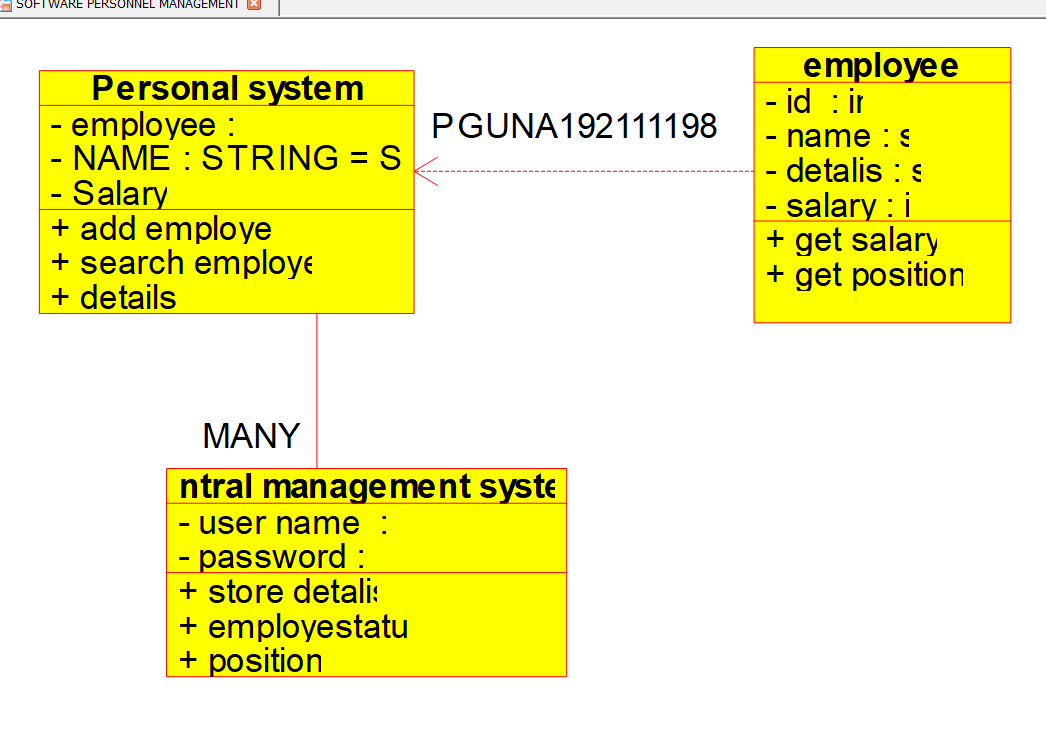
USE CASE DIAGRAM FOR SOFTWARE PERSONNEL MANAGEMENT SYSTEM:



ACTIVITY DIAGRAM FOR SOFTWARE PERSONNEL MANAGEMENT SYSTEM:

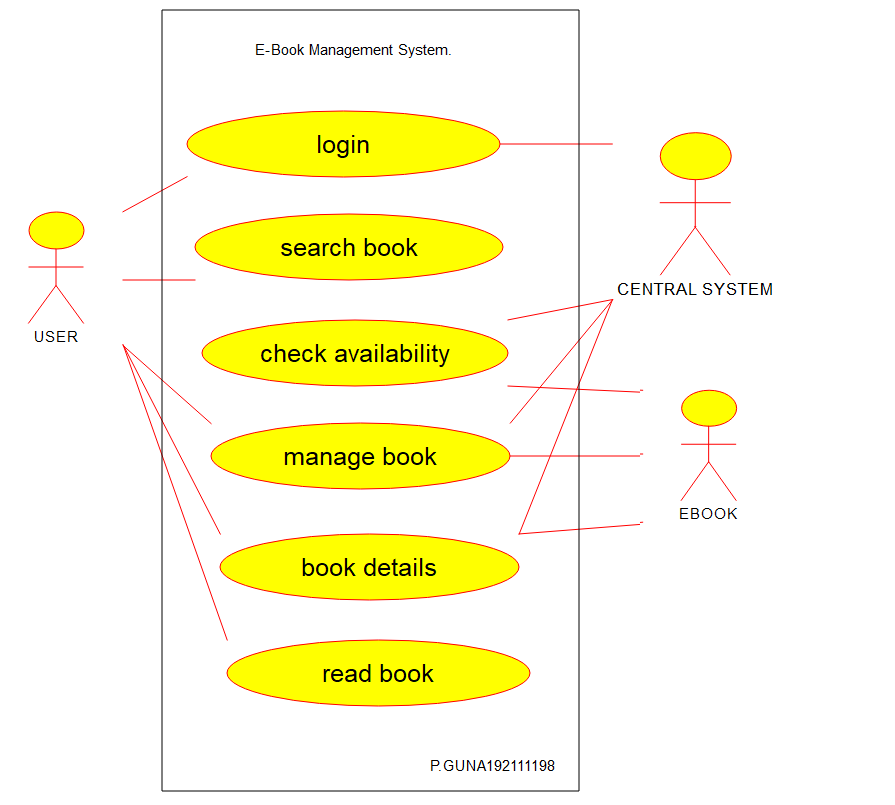


CLASS DIAGRAM FOR SOFTWARE PERSONNEL MANAGEMENT SYSTEM:

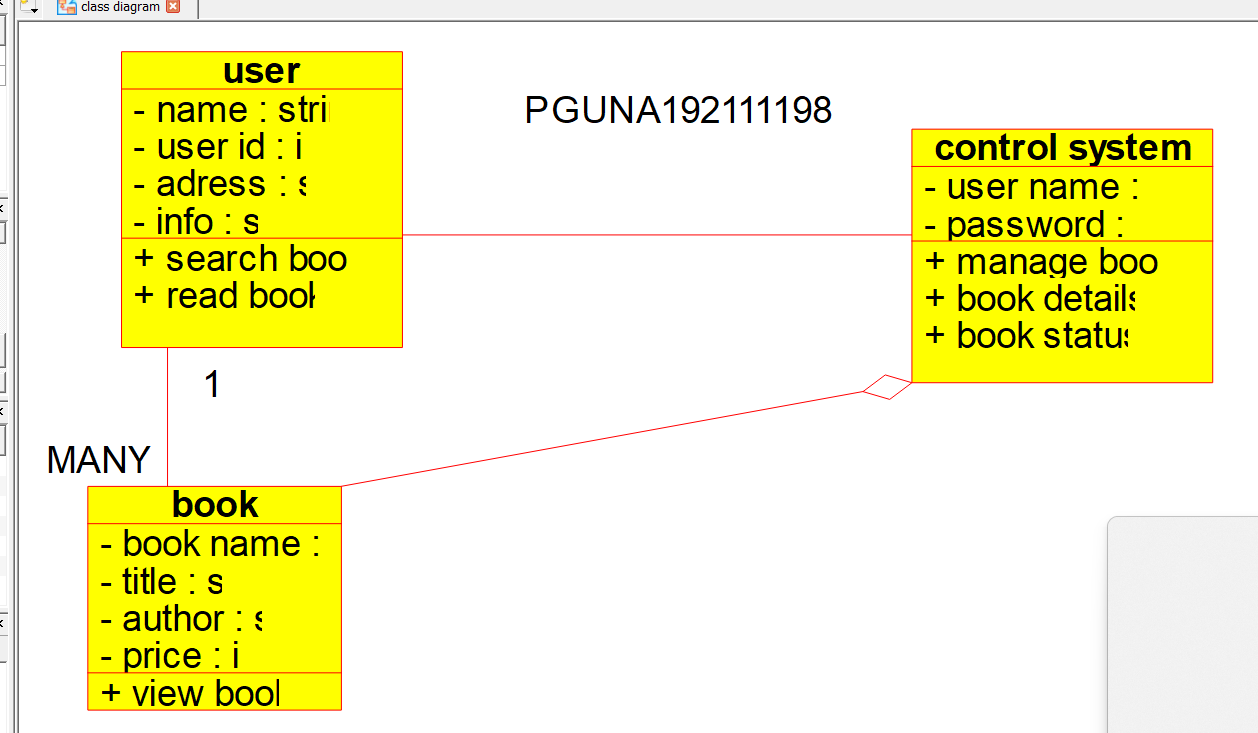


4. Develop a system using UML for E-Book Management System. It should be designed to manage the books that were read through the internet.That should consist of the details of the e-book that were read by the user online. It will be controlled by the central system. This system should act as a backup of all details together.

USE CASE DIAGRAM FOR E-BOOK MANAGEMENT SYSTEM:



CLASS DIAGRAM FOR E-BOOK MANAGEMENT SYSTEM:



ACTIVITY DIAGRAM FOR E-BOOK MANAGEMENT SYSTEM:

