NAME:S:C.JAGADESH VARMA

REG.NO:192110565

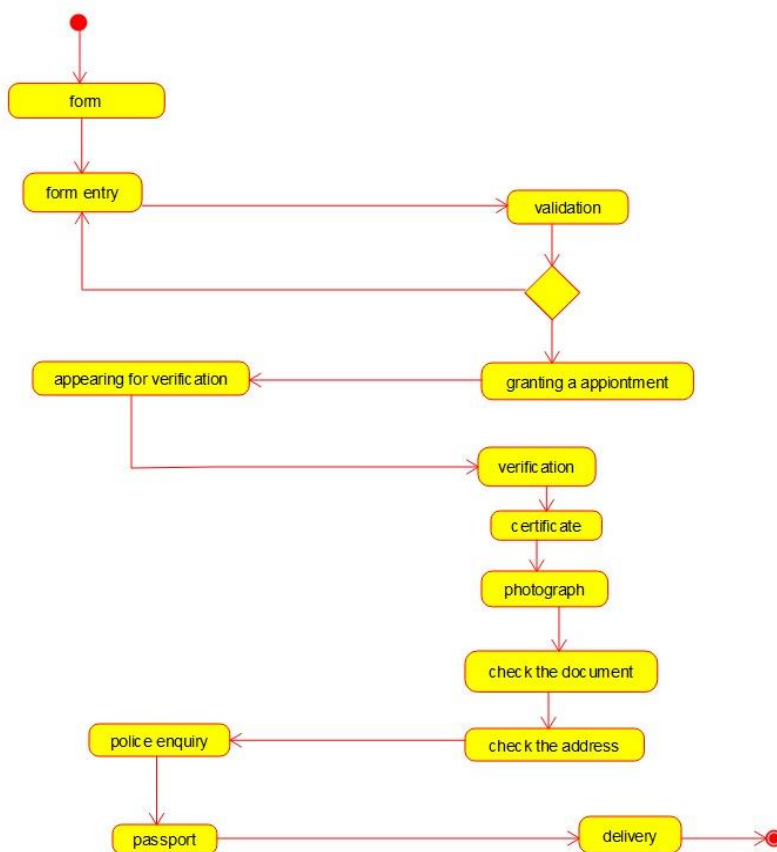SUB:OBJECT ORIENTED ANALYSIS AND DESIGN

1. Develop a system using UML for

Passport Management System; it should verify the passport details of the applicant by the central computer.

The details regarding the passport will be provided to the central computer and the computer will
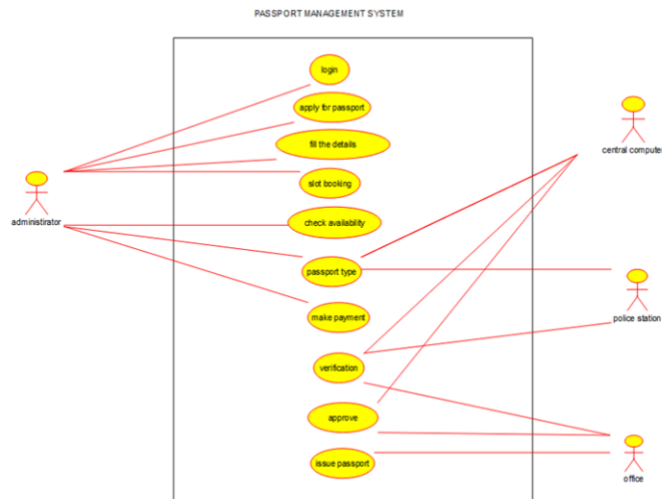
verify the details of the applicant and provide approval to the office. Then the

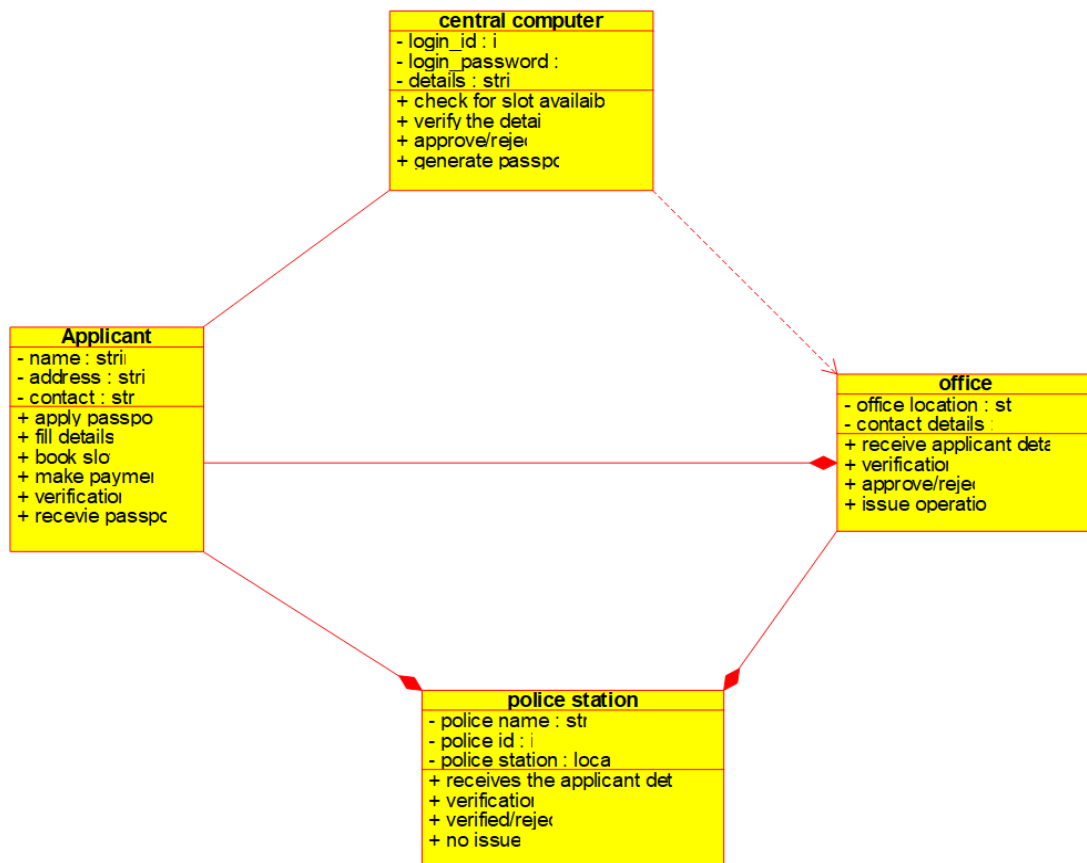passport will issue from the office to the applicant.

ACTIVITY DIAGRAM:

USE CASE DIAGRAM:

PASSPORT MANAGEMENT SYSTEM

- login
- apply for passport
- fill the details
- slot booking
- check availability
- passport type
- make payment
- verification
- approve
- issue passport

administrator

central computer

police station

office

CLASS DIAGRAM:

central computer
- login_id : i
- login_password :
- details : stri
- + check for slot availaib
- + verify the detai
- + approve/reje
- + generate passpo

Applicant
- name : stri
- address : stri
- contact : str
- + apply passpo
- + fill details
- + book slo
- + make payme
- + verification
- + recevie passpo

office
- office location : st
- contact details :
- + receive applicant deta
- + verification
- + approve/reje
- + issue operatio

police station
- police name : str
- police id : i
- police station : loca
- + receives the applicant det
- + verification
- + verified/reje
- + no issue

2. Develop a system using UML for implementing the Book Bank process.

It should verify the details of

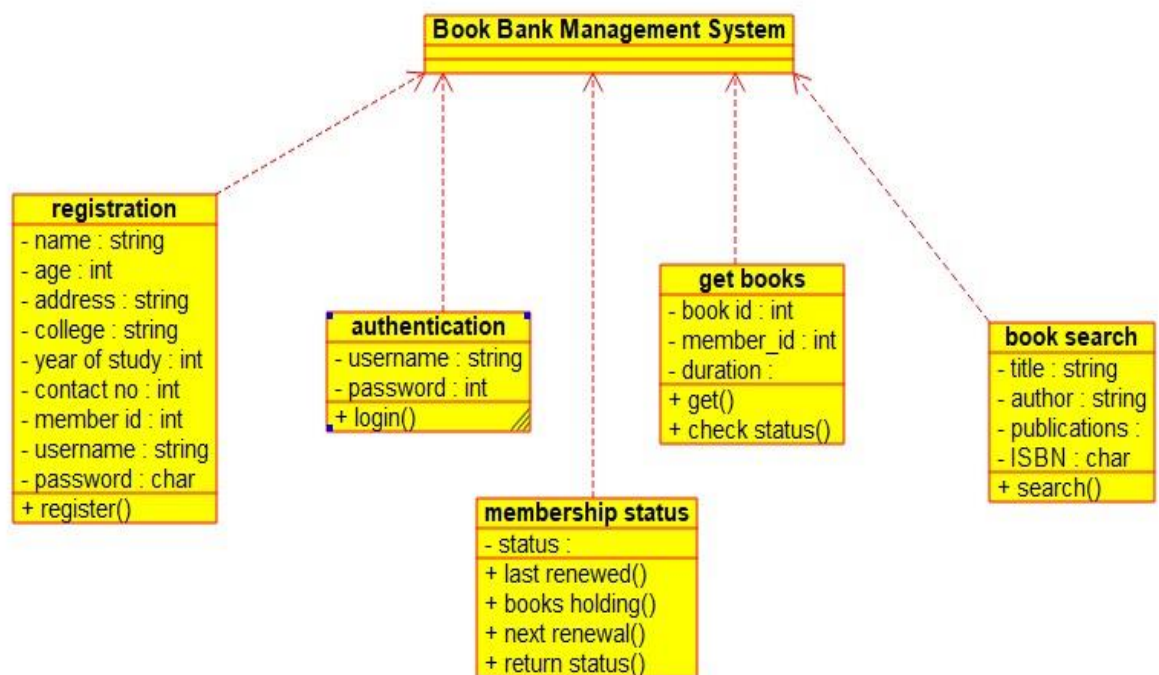the student by the central computer. The details regarding the student will be

provided to the central computer

through the administrator in the book bank and the computer will verify the details of the student and provide
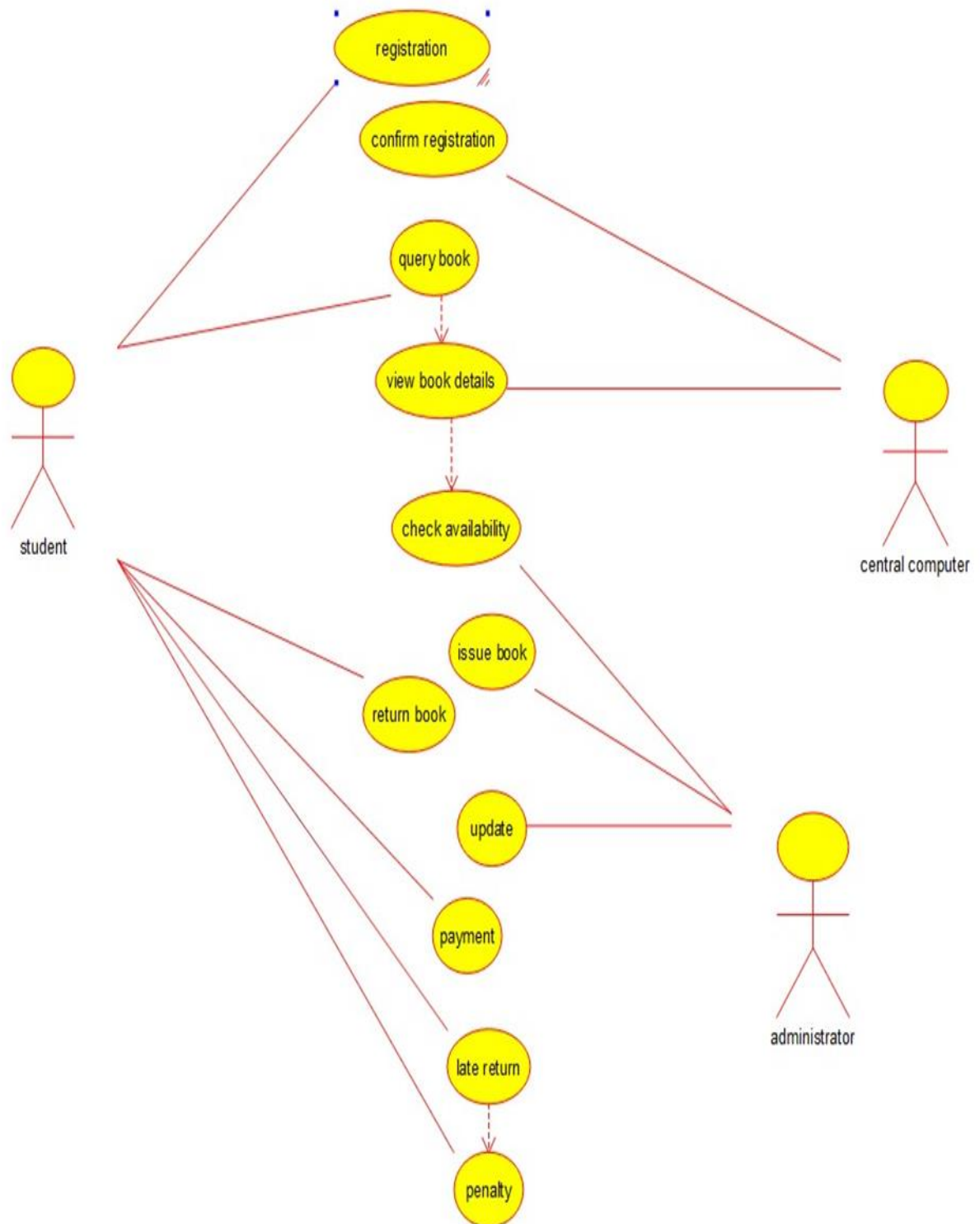
approval to the office. Then the books that are needed by the student will issue from the office to

him.

CLASS DIAGRAM:

USE CASE DIAGRAM:

ACTIVITY DIAGRAM: