GANPAT UNIVERSITY

U.V. PATEL COLLEGE OF ENGINEERING

Practical File

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Enrollment No: **17012021036**

Subject Name: **Object Oriented Analysis and Design**

Subject Code: **2IT501**

Semester: **B.Tech 5th Sem**

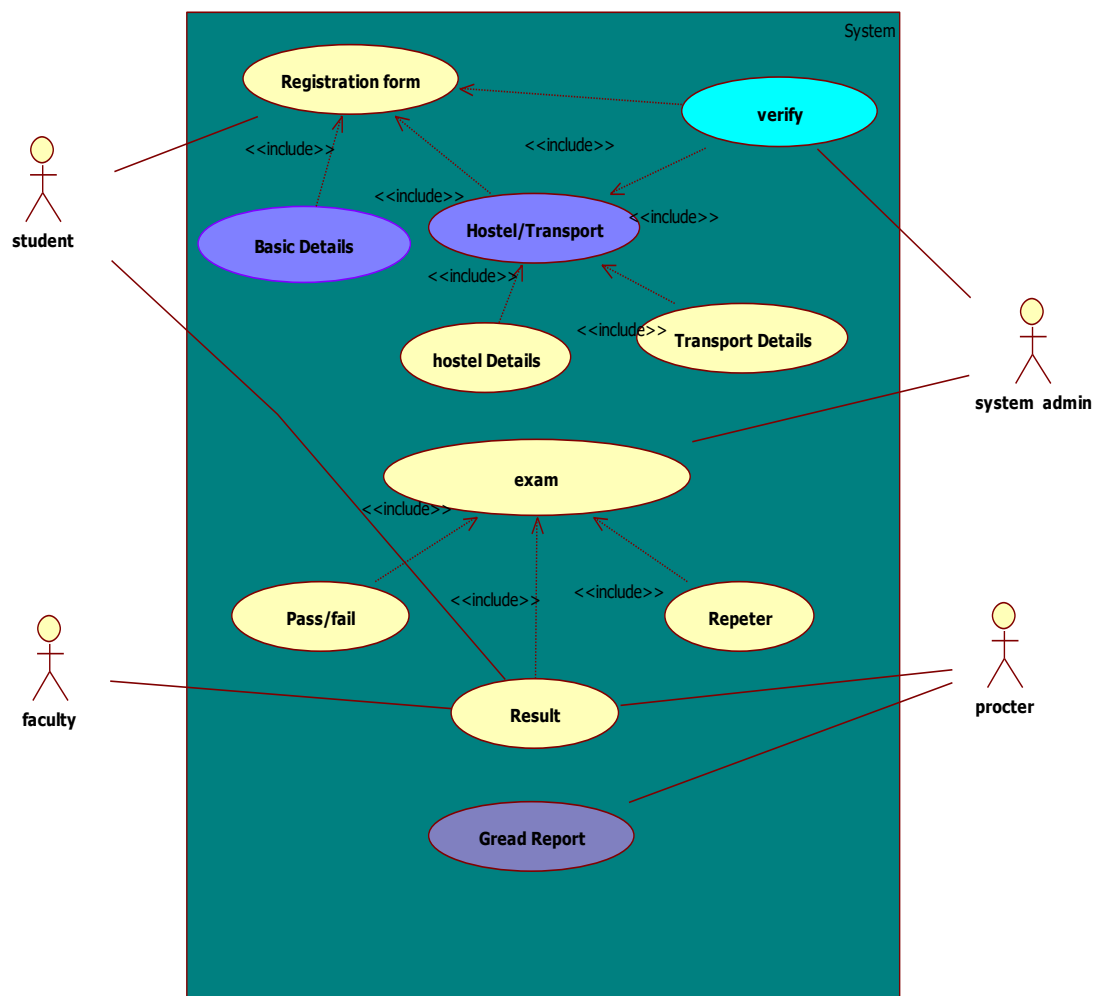**Branch:** **Information Technology**

Practical 2

Aim: To study about Use-Case Diagram.

Draw the Use Case Diagram for following case studies:

Note:- Show the Advance Relationships also if it is Possible based on Case Study
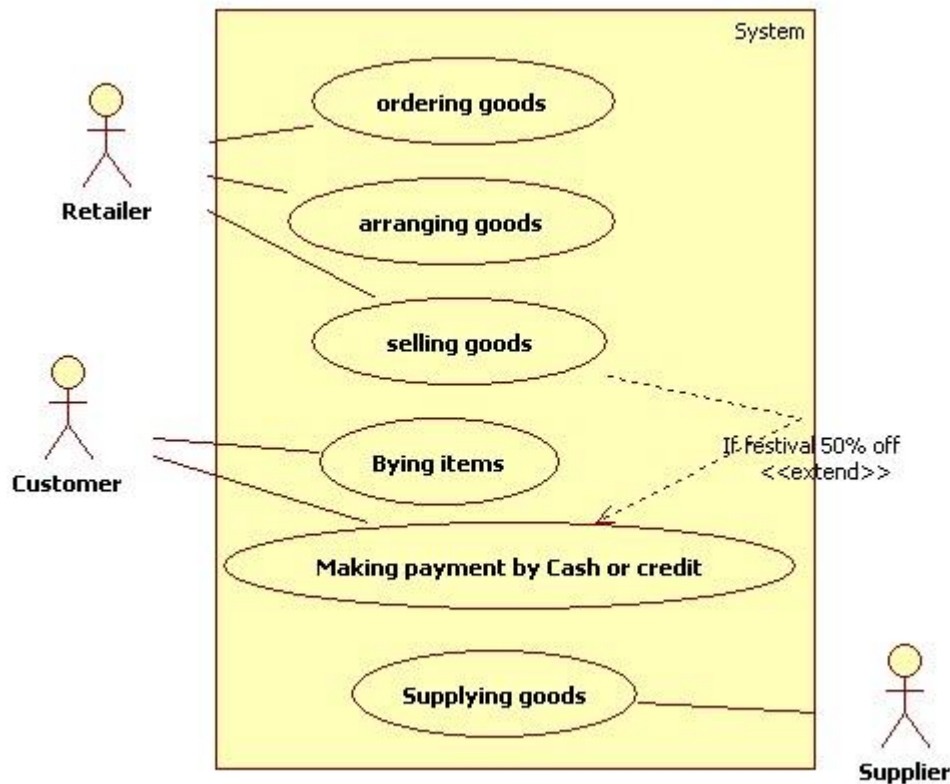
1. An organization wants to develop the system based on

- Students have to register first through fill up the registrationformonly.
- Faculty can prepare the results of concern subjects.
- Student and faculty can see the result of each student.
- Proctor can generate the result report about registered students.
- System verifies the students Registration Details.
- Student may have to fill up the hostel details during registration.
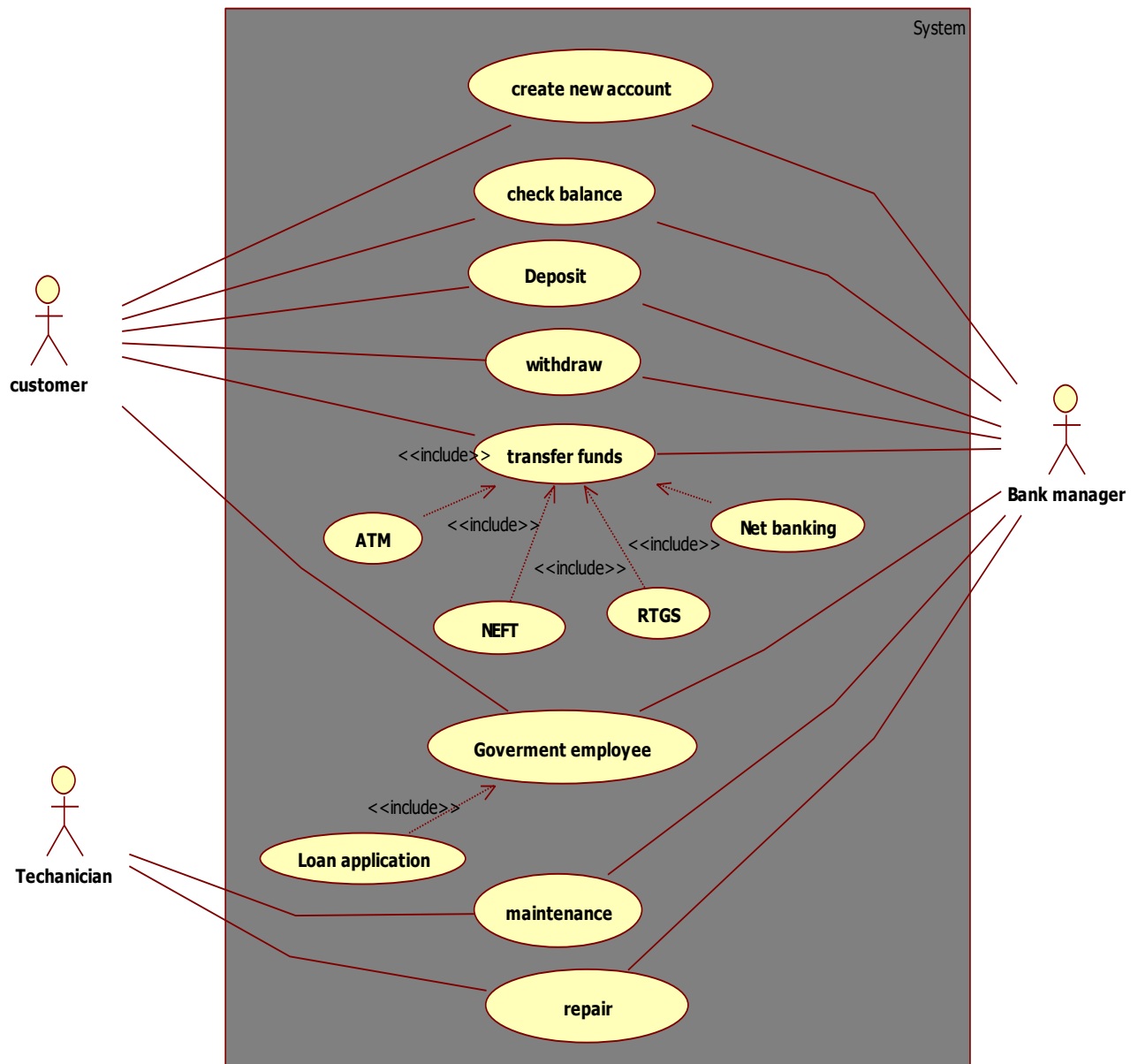- Faculties and proctors are the employees of organization.

[Student registration system]

2. The Retail Store Management System is a system designed for managing i.e. for ordering, arranging and selling goods. The Retailer checks for the availability of goods in the store. If the stock of goods is less, then retailer places order for goods. The retailer sales the goods directly to the customer. The customer purchases the items from retailer. The retailer prepares bill for goods purchased by the customer. Retailer receives amount by credit or by cash from customer. The retailer gives 50% discount on MRP to customers on festivals.
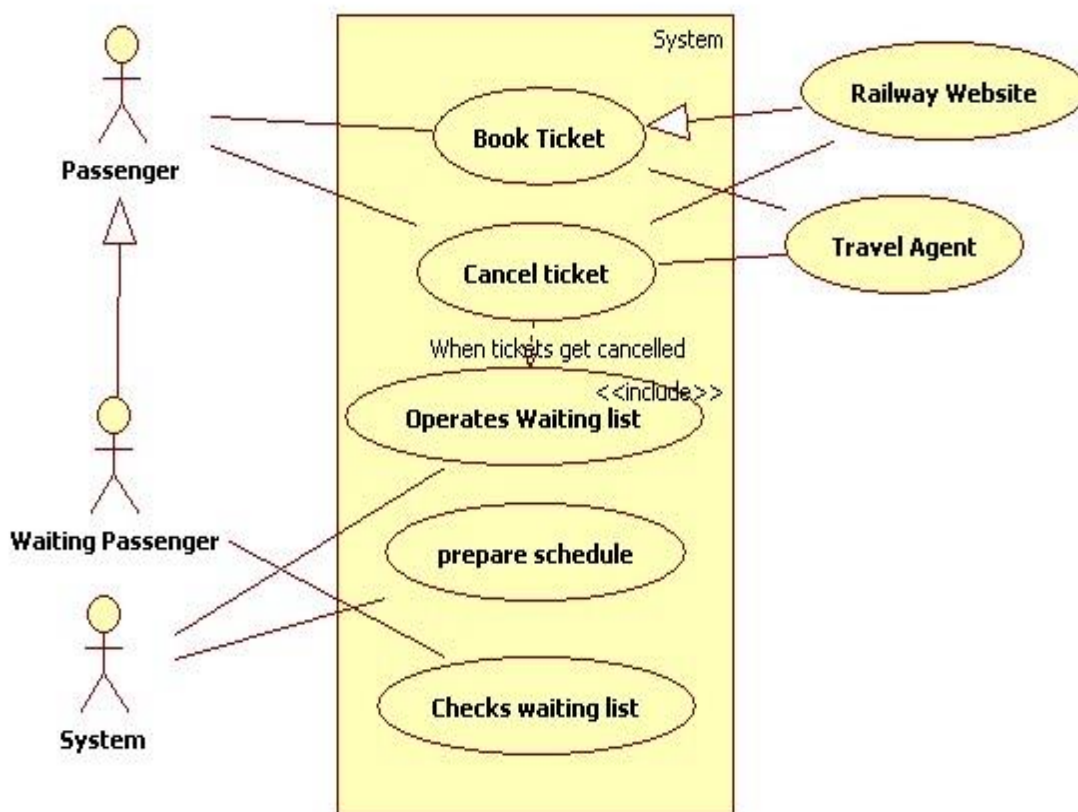

[store mangement system]

3. In Bank of Baroda, The system allows customers to create bank accounts. Customers should be able to withdraw money to/from their accounts, by visiting an ATM only. Customers should be able to transfer funds using NEFT or RTGS. Customer may also use mobile Banking for fund transfer when NEFT or RTGS are not available. The Bank manager calculates the amount of interest for each account, and then deposits that amount into the account. Government employee can apply for home loan as Customer.

[bank mangement system]

4. In railway reservation system, A Passenger can book a ticket, cancel a ticket. Each train has limited number of reserved seats. System operates waiting list based on cancelation of tickets only. Passenger may also book Tickets by paying additional amount. Waiting Listed Passenger do the enquiry for their seats. Passenger can book the ticket by calling travel agent or visit website. System prepares schedule chart for the trains.
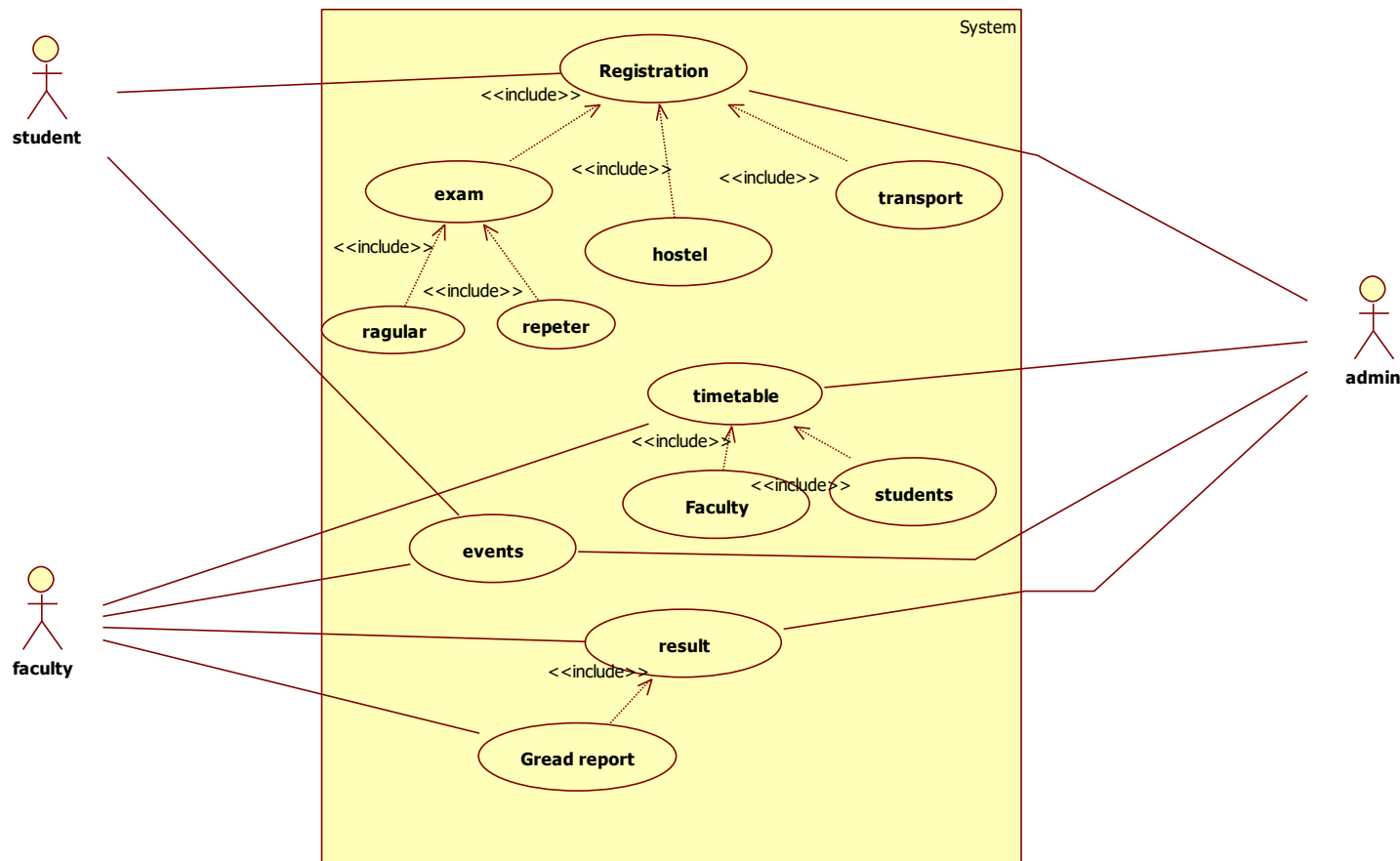

[Railway mangement system]

5. Domain Name: College Management System.

Case Study:- Diagram:-
 Instructions :- Assume and write your own case study. Case study and diagram must be concise. Diagram must be covered with all the elements of use case diagram. Only mention domain name, case study and Diagram in your file.

[college mangement system