Project: ONLINE COURSE REGISTRATION SYSTEM

Platform: ASP.net along with server

Group Members

Muhammad Rashid Shafique 11446

Raza-ul-mustafa 10992

Class ID: Friday

Submitted to: Sir Sohail Imran

AIM

To design an object oriented model for online course registration system using rational rose software and to implemented it using java.

PROBLEM STATEMENT

This system will maintain a course registration database which will allow the student to view the course details, to register the course and select the course. The students enter details of her or him profile and choice of selecting the course while going to manual method it is so difficult. So this system uses several programming and database techniques to elucidate the work involved in this process. He has the certain privileges to add the course status and to approve the issue of course. He may contain a group of persons under him to verify the documents and give suggestion whether or not to approve the dispatch of course

ACTORS INVOLVED

The various actor involved in this process are student, admin, server and database.

Student: User who register the course.

Admin: Check whether a student is eligible or not.

Server: Provide the required data from database.

Database: Store the registered data and act accordingly to the server.

USECASE DIAGRAM

Use case diagram is a combination of actors and their functionality represented by graphical components. Here the various actors involved are student, admin, server, data base.

The course registration system has the following use-cases

1. Login 2.
2. View course details
3. Reserve for course
4. Pay fee
5. Check status

ACTORS INVOLVED:

1. Student

2. Registrar

USE-CASE NAME: LOGIN

The user enters the username and password and chooses if the user is student or Registrar. If entered details are valid, the user's account becomes available. If it is invalid, an appropriate message is displayed to the user.

USE-CASE NAME: VIEW COURSE DETAILS

In this use case, a student can search all the courses available to him and choose the best course he wants. The student can view the course duration, faculty and department of the courses he may choose.

USE-CASE NAME: RESERVE FOR COURSE

When a student has successfully chosen a course, he can register to that course. Upon registration, the student's details are stored in the database.

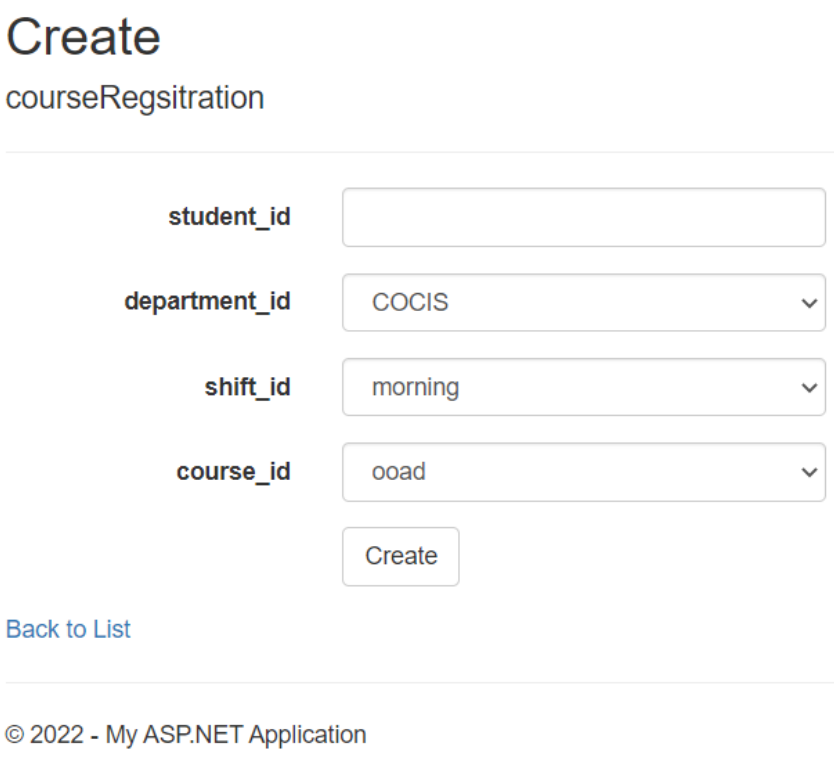
USE-CASE NAME: PAY FEE

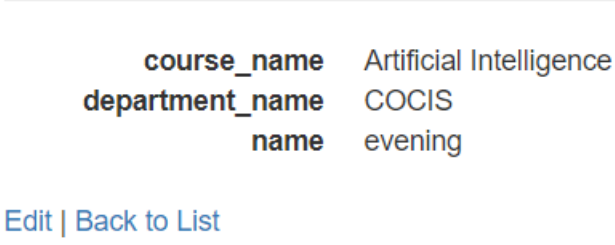
After registration to any course, the student may see the details of his current course. He may wish to know details about fees and other information.

USE-CASE NAME: CHECK STATUS

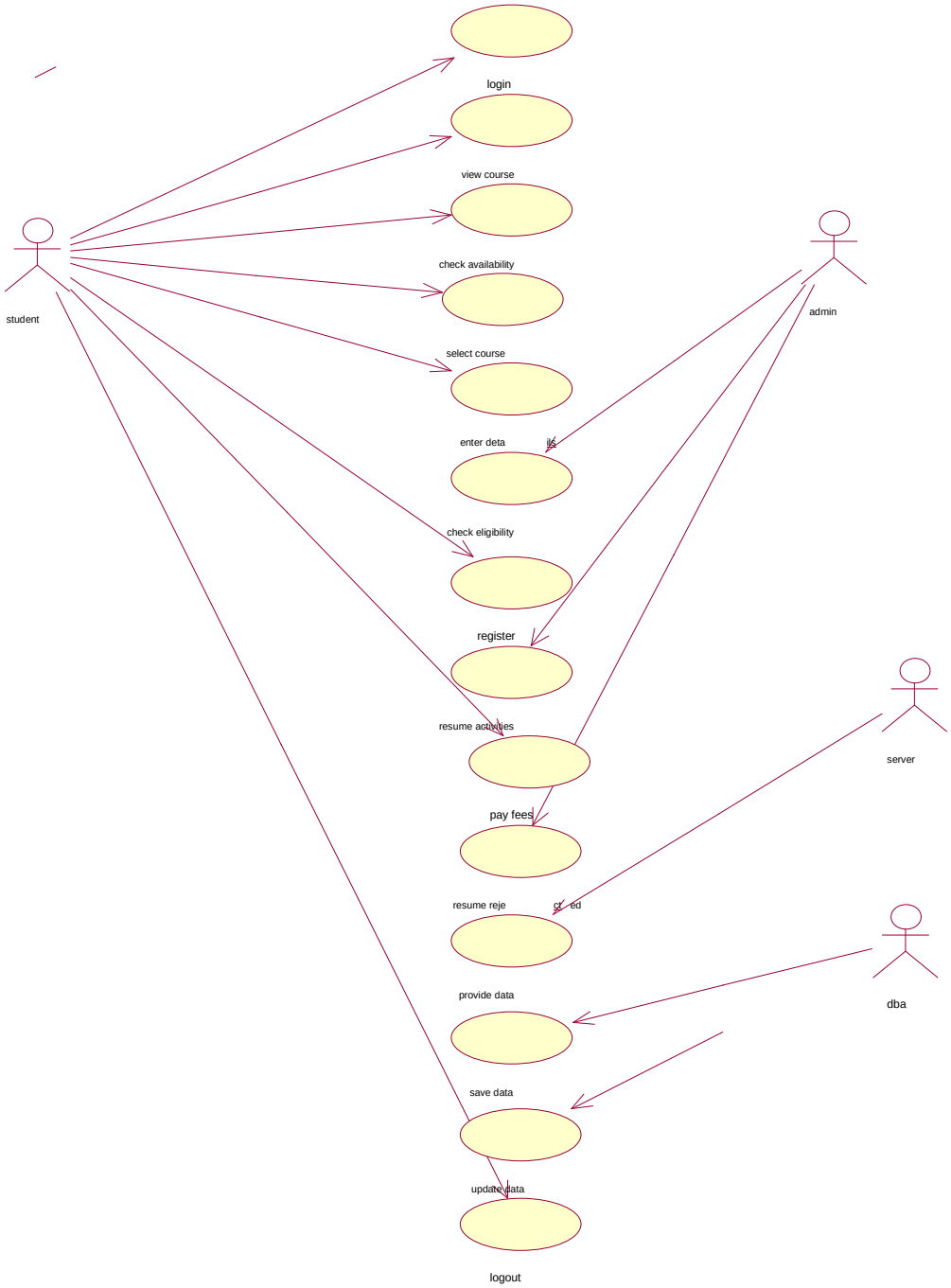
The student tries to check the status in which category applied. The system displays the status information to the student

TRANSACTION FORM

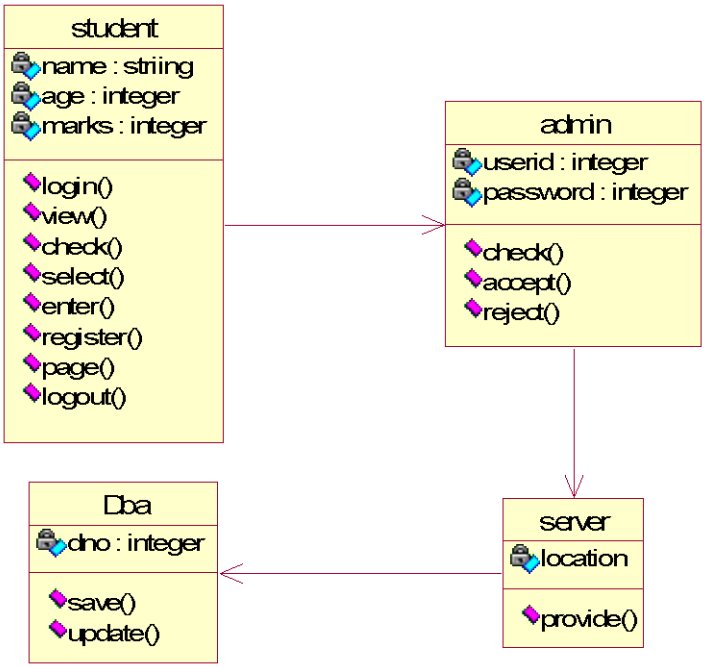




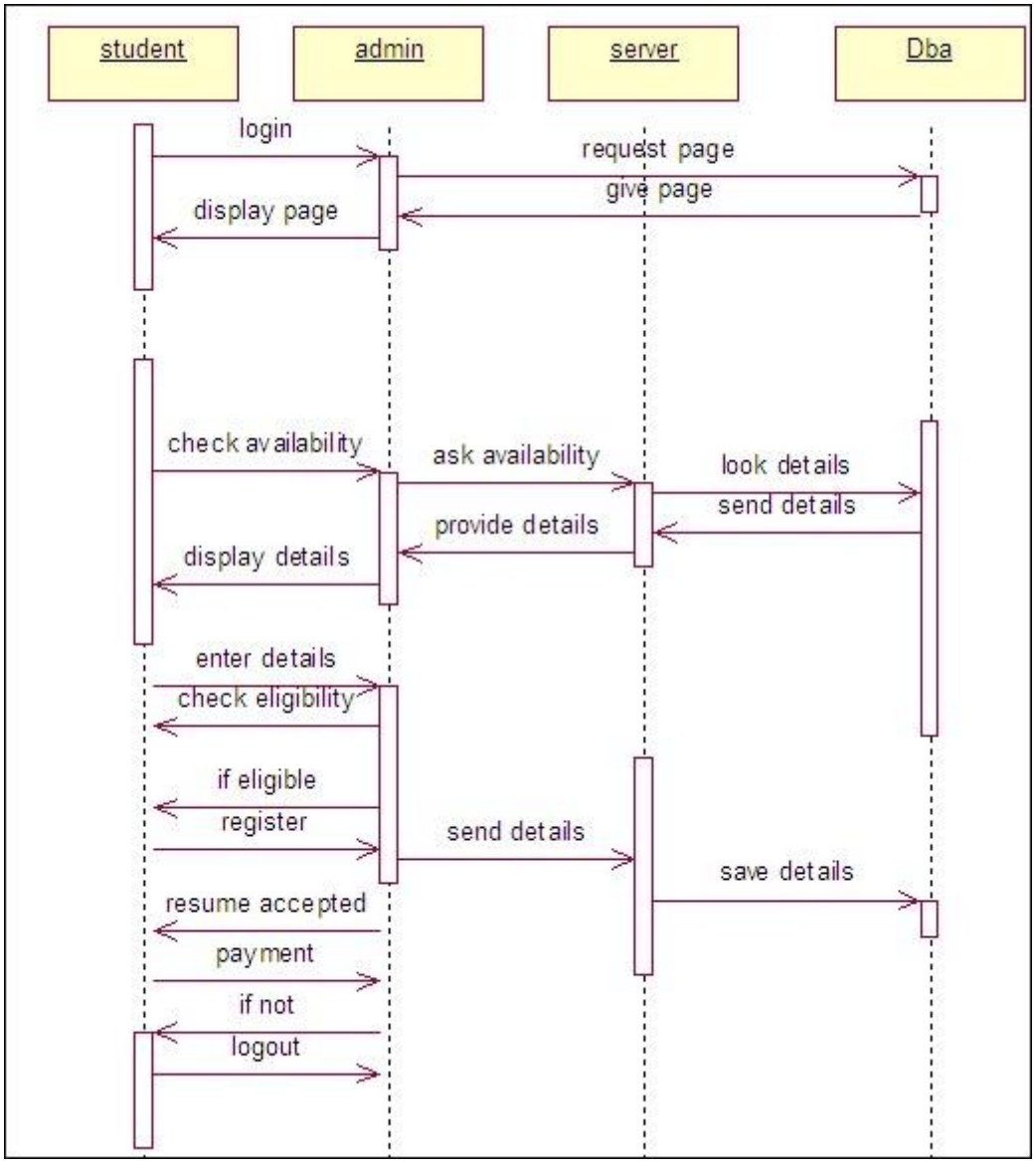
USECASE DIAGRAM



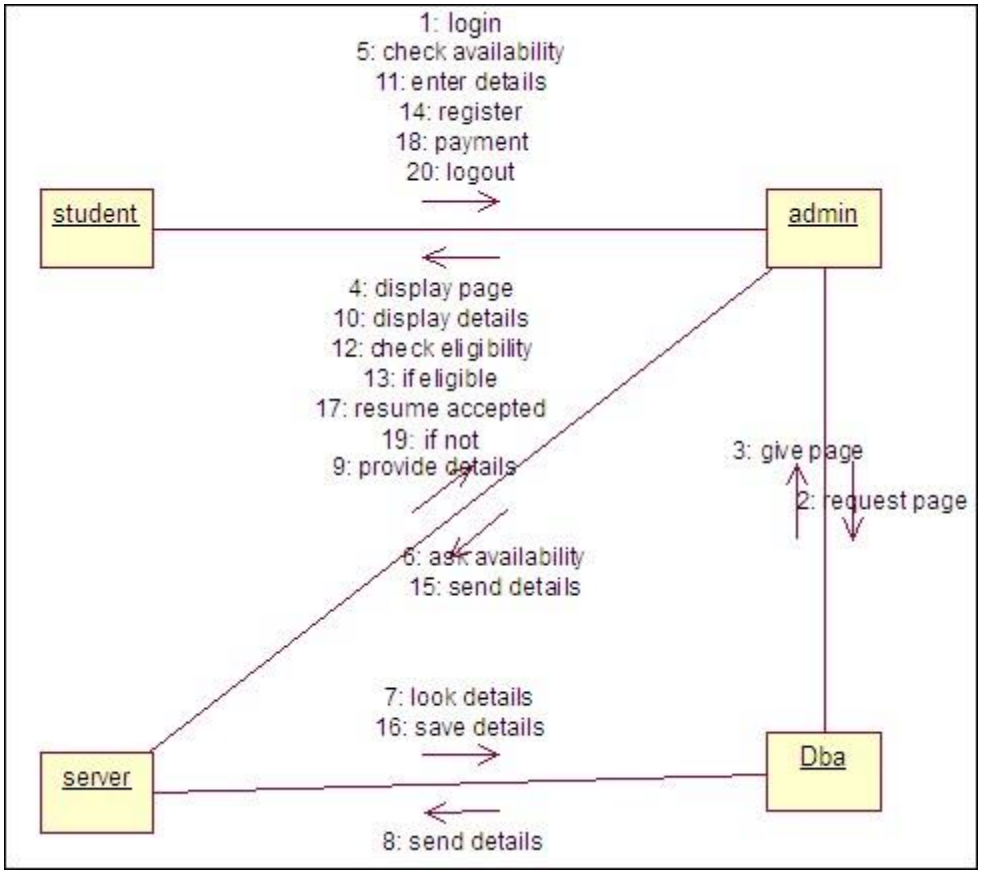
CLASS DIAGRAM



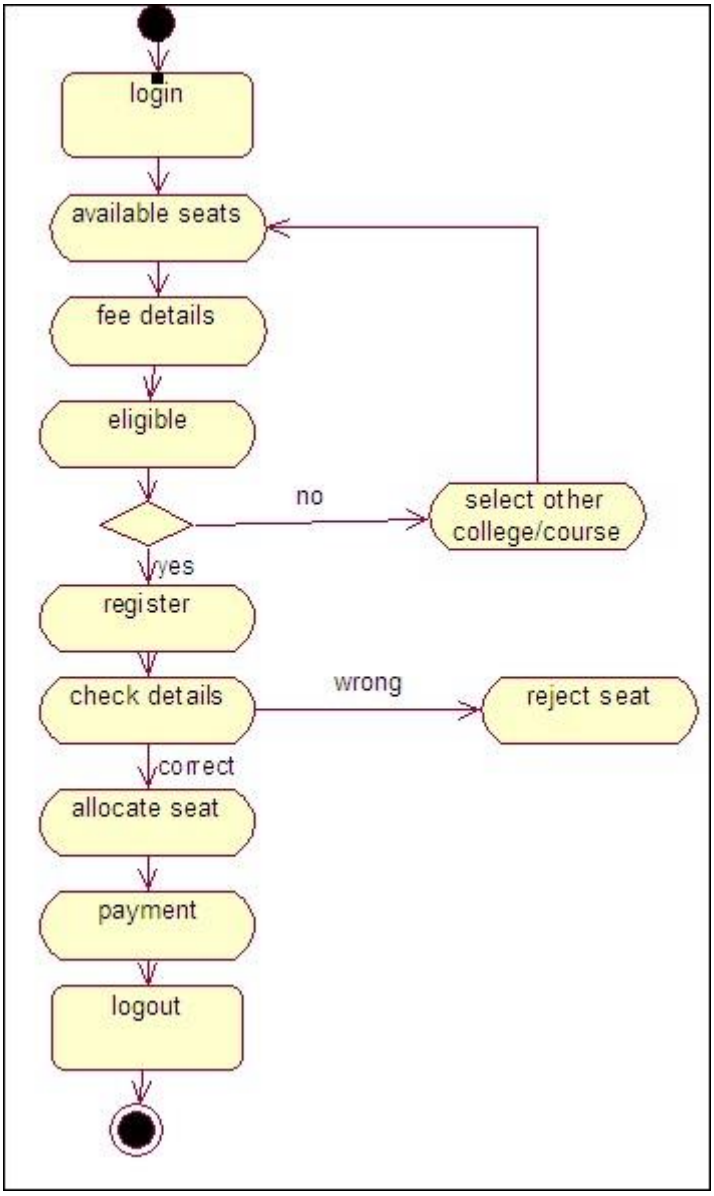
SEQUENCE DIAGRAM



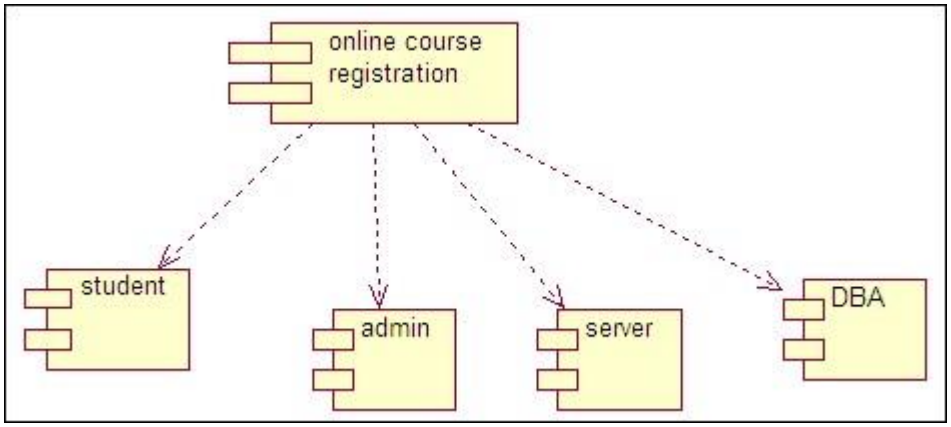
COLLABRATION DIAGRAM



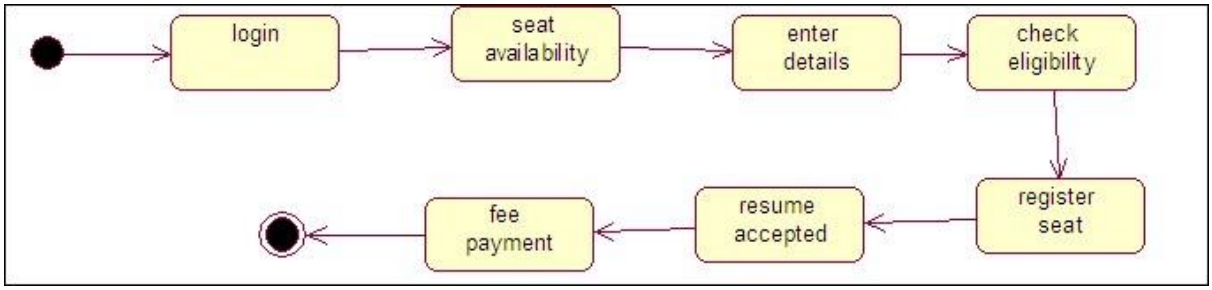
ACTIVITY DIAGRAM



COMPONENT DIAGRAM



STATE DIAGRAM



REFERENCE LINK:

- rashidooad.somee.com
- https://github.com/MuhammadRashidShafique910/OOADRashid