

PERFORMANCE EVALUATION SYSTEM



INFO 5100 :

APPLICATION ENGINEERING AND DEVELOPMENT

ASSIGNMENT 3

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DEEPALI KASTURE

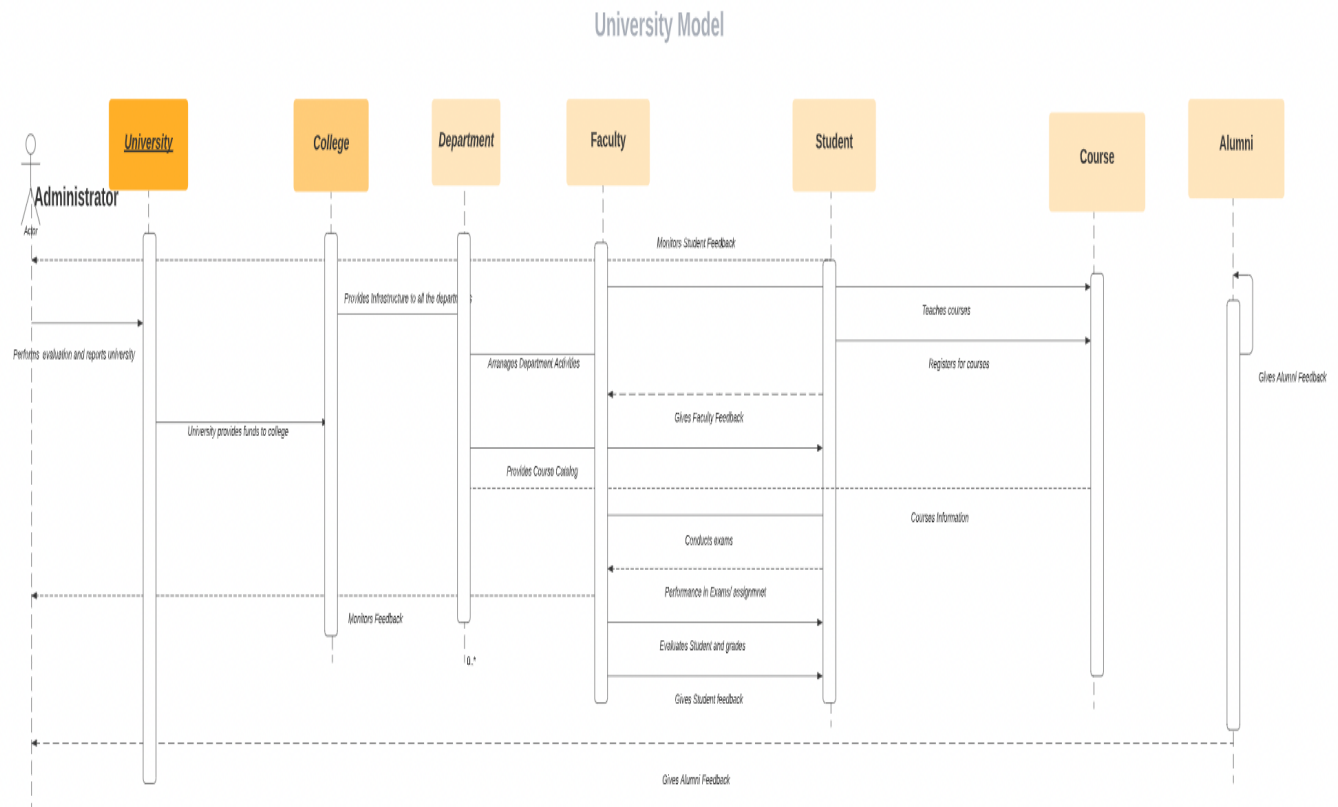
NAMITA MANAGE

INTRODUCTION

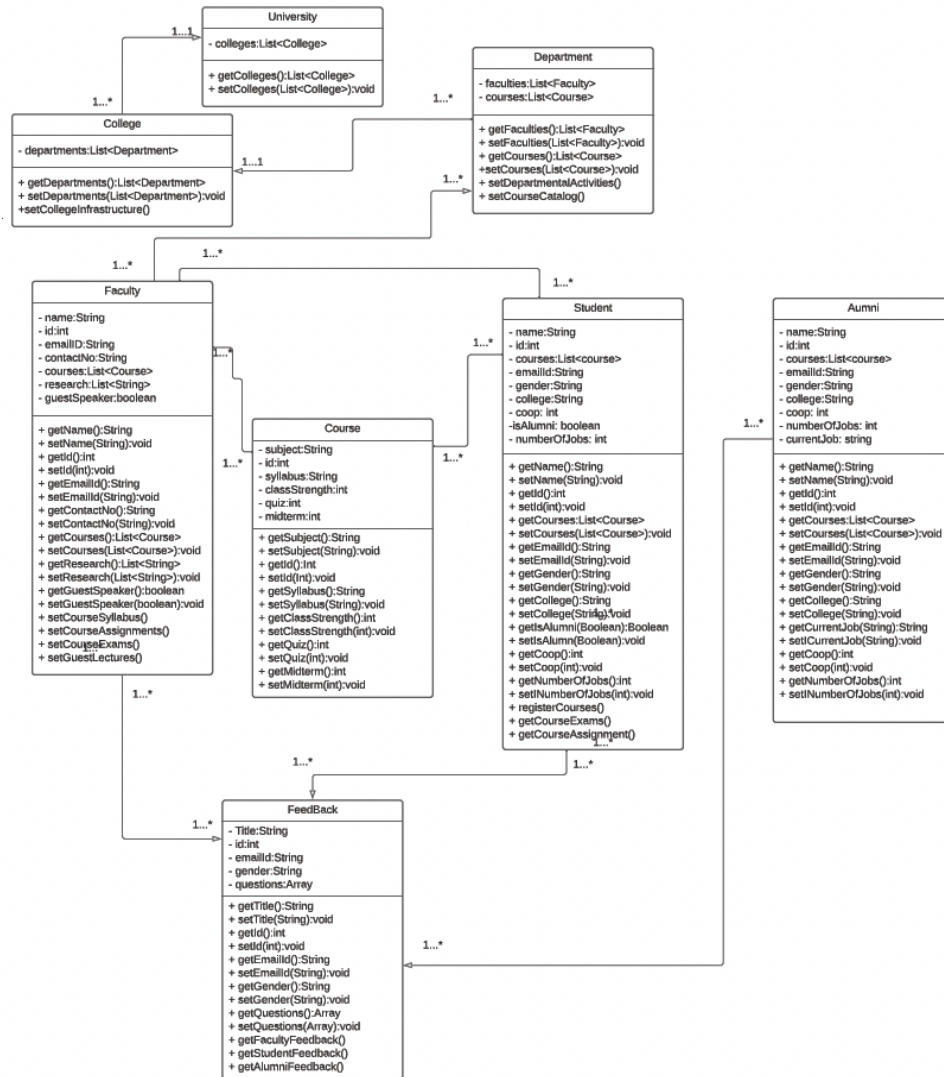
The objective of this assignment is to convert a university model design into a digital system, and use techniques to improve the quality of education in a university setting anywhere in the world. In the proposed Ranking model, we take ratings and feedback based on various metrics, so that the university can keep its education system up to date with the current industry trends. We take into consideration the courses and faculty and how they contribute to the growth of students over a period of 5 years. The relevance of the courses and GPA to industrial performance is considered.

The UML and sequence diagrams aid in understanding the flow and approach of the system. The dashboard that's created, gives a way for administrators to monitor and compare the results of success based on all the factors so that they can make necessary changes to further improve the performance of students in their university.

SEQUENCE DIAGRAM



CLASS DIAGRAM UML



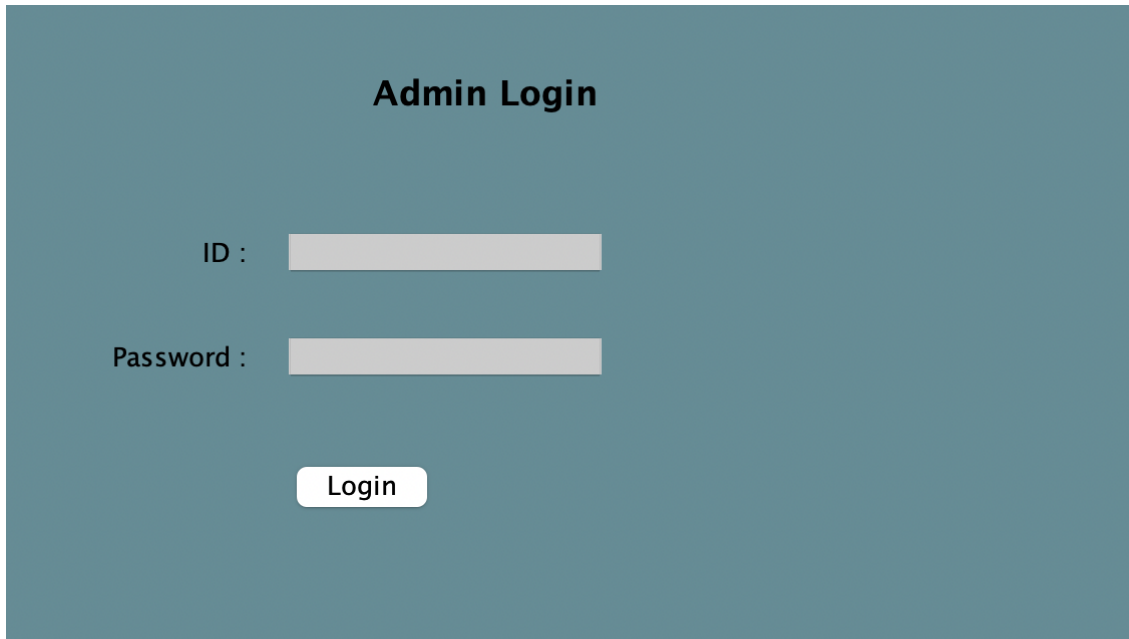
METHOD EXPLANATION

We are designing a system, University Model to measure the quality of education provided by the University to the students. This will help the university understand the requirements needs to improve to give a better education to the students. Thus, helping students to get better educational experience at the university and help get better career start. For the purpose, in our system, we have included performance metric such as Student feedback, Faculty Feedback and alumni Feedback, through this we are trying to understand the services provided previously and the services provided currently. Hence, will help university to compare the infrastructure provided. The parameters that we are focusing on is the number of job opportunities available for the present and previous students. Also, the number of Co-op that students have received so far. If any guest speaker series was useful and what impact did it make on the students to understand their career goal. Also, if any specific course helped them understand what career path they want to pursue. According to our system, these performance parameters will enable university to approach to a solution for the growth of the students over 5 years.

The Faculty can evaluate a student based on feedback of the assignment and the exams taken and the grades received by the student. This will help the student understand its ranking in terms of the subjects and thus, help him understand what career path he/she can take. This can also, be useful academically for the student to improve and take electives as per his interests.

All these performances will be measured by the Administrator to evaluate the growth over 5 years.

DASHBOARD



The Admin Login panel is a teal-colored rectangular area. At the top center, it features the text "Admin Login" in a bold, black, sans-serif font. Below this, there are two input fields: the first is labeled "ID :" and the second is labeled "Password :". Both labels are in a black, sans-serif font. The input fields themselves are light gray rectangles. Centered below these fields is a white button with rounded corners and the text "Login" in a black, sans-serif font.

This panel is used for Admin login.



The Dashboard panel is a teal-colored rectangular area. On the left side, there is a vertical light gray bar. Within this bar, there are two buttons: "Student" and "Alumni". Both buttons are white with rounded corners and a thin gray border. The "Student" button is positioned above the "Alumni" button. Below these buttons, there is a small, light gray square icon. The rest of the panel is a solid teal color.

The admin can select to view either Student or Alumni data.

Student

Alumni

Students

Student Name	Student ID	Grades	Employment Status

Student Name :

Student ID :

Send Interview Request

The Admin can view the ranked student list and schedule an interview with the selected student.

Student

Alumni

Alumni

Name	ID	Job Position	Employer

View Details

Alumnus Details

Name :

ID :

Job Position :

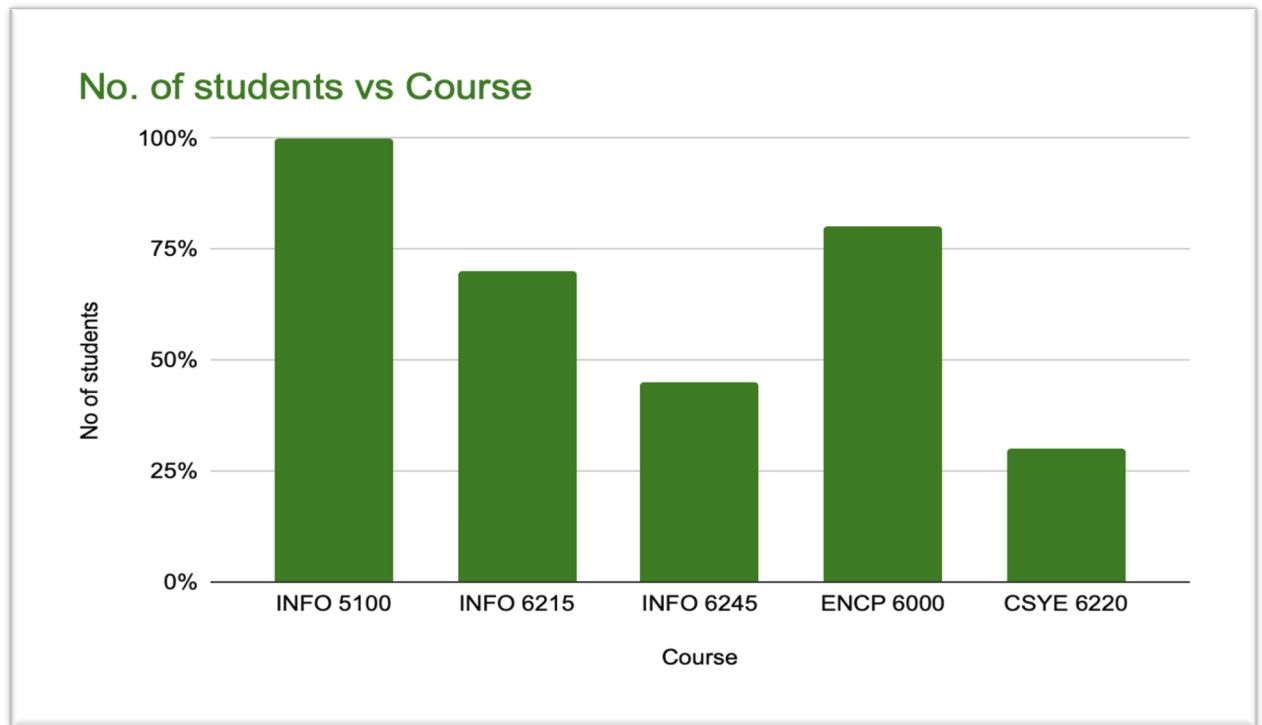
Employer :

No of Promotions :

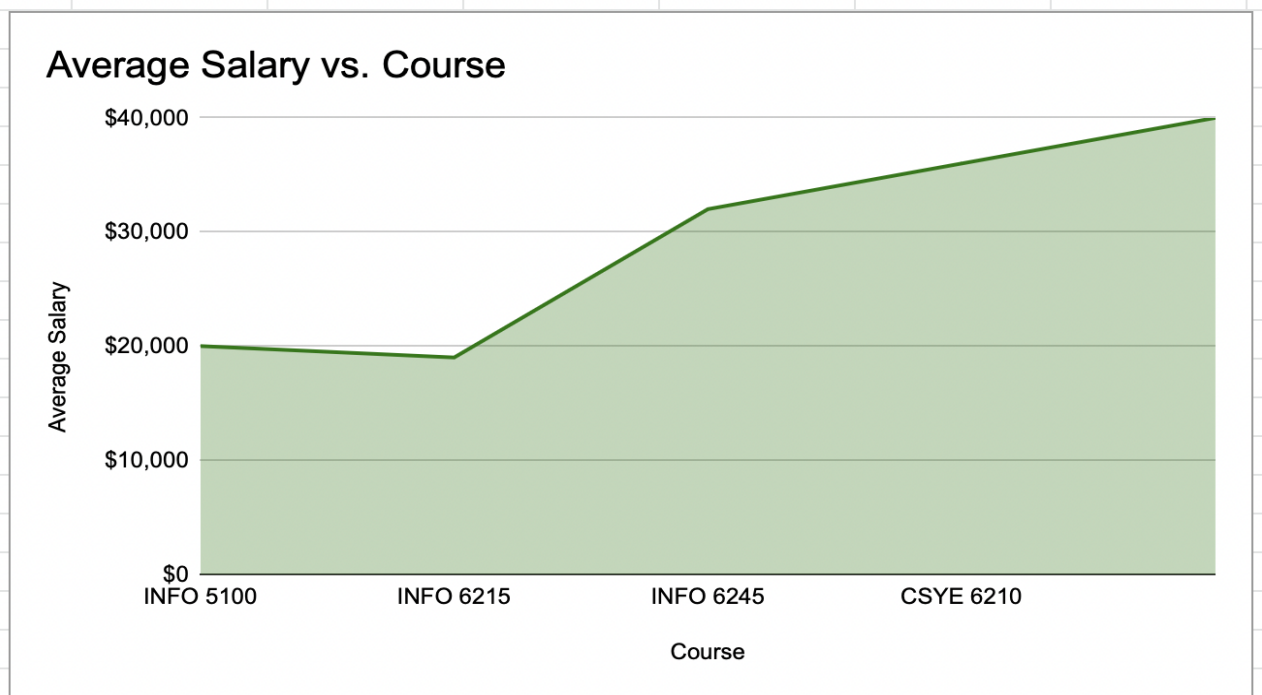
Salary :

The Admin can view the ranked alumni list and view the full profile of any particular alumnus.

PERFORMANCE GRAPH



No. of students vs Course



Average Salary vs Course

CONCLUSION

In the proposed system for performance valuation, we have used valuation metric such as current student, alumina and faculty feedback into consideration for designing the university object model. This will help university to understand what sectors in the university need to improve and can work on them. Through our system, the administrator can monitor and measure the performance metric for student from their feedback about the courses they have taken and its corresponding faculty. Also, the faculty gives student feedback so that student understands the where it needs to improve and head into their career. Thus, this will help the university understand the requirement needed in future to give a better experience.