UNIVERSITY MANAGEMENT SYSTEM

-Devika Mujgule
Jharna Doda

Proposed Solution

To calculate the quality of education the university delivers to the students, we propose to calculate the **Performance Metric** of **current students** as well as the **alumni**. We aim to do this by sending out regular **Questionnaires** through emails as well as LinkedIn. For the current students, the performance metric can be measured through questions like

-What's the average GPA of the class?
-How are the students finding the course load?
-How are the students finding the quality of the course as well as the faculty?
-How easily are the students able to follow the course?
-What is the difficulty level of assignments?

Proposed Solution

To track performance of alumni, 3 main pointers will be considered:

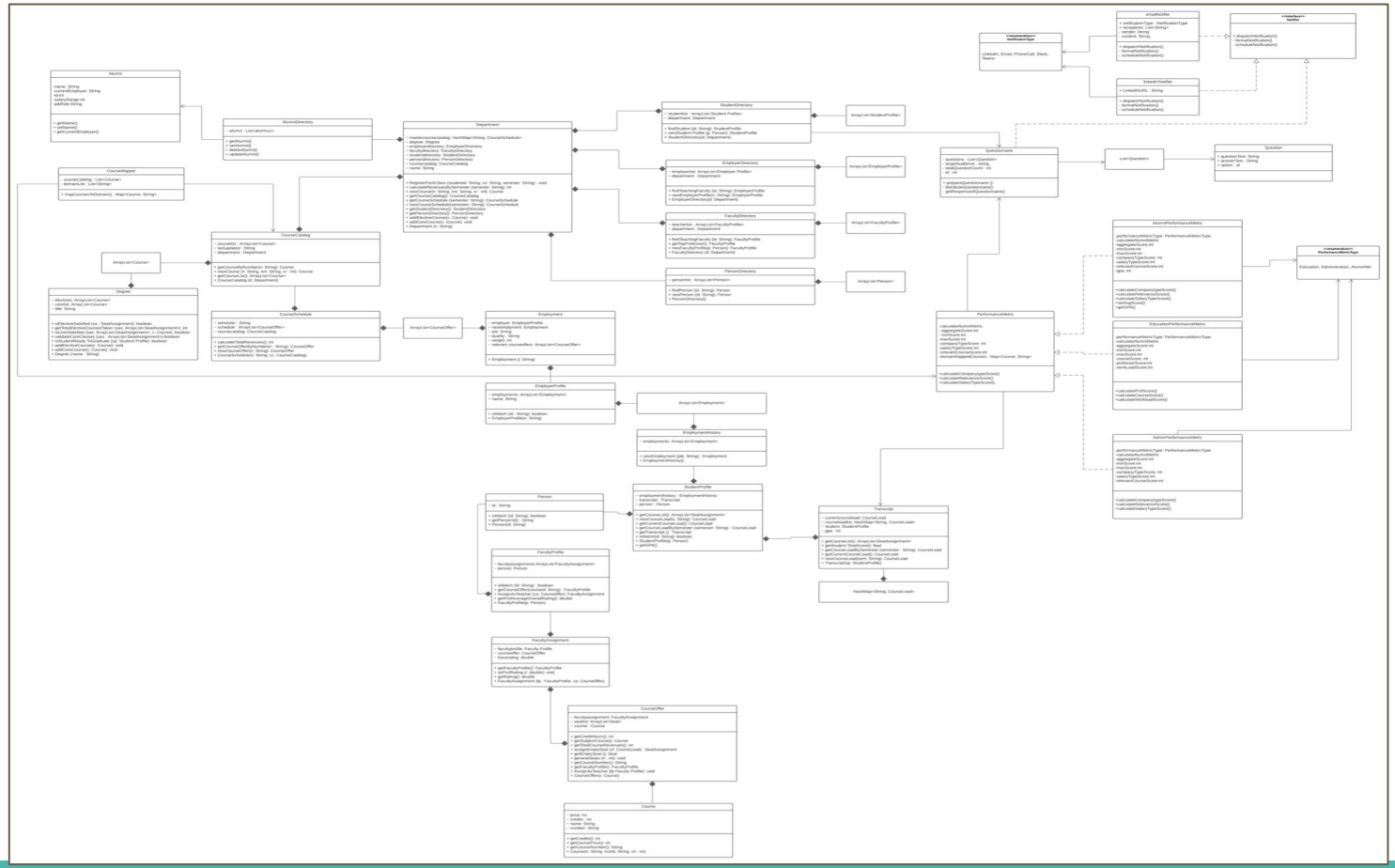
-The Company
If the student works at one of the FAANG companies, i.e, Facebook, Amazon, Apple, Netflix, Google, the score assigned is a 10.
If the student works at one of the Fortune 500 companies, the score assigned is an 8.
If the student works at any of the other companies, the score assigned is a 5.

-The Salary
If the student has a salary that is more than the average salary, the score assigned is 10.
If the student has a salary that is equal to the average salary, the score assigned is 6.
If the student has a salary that is less than the average salary, the score assigned is 3.

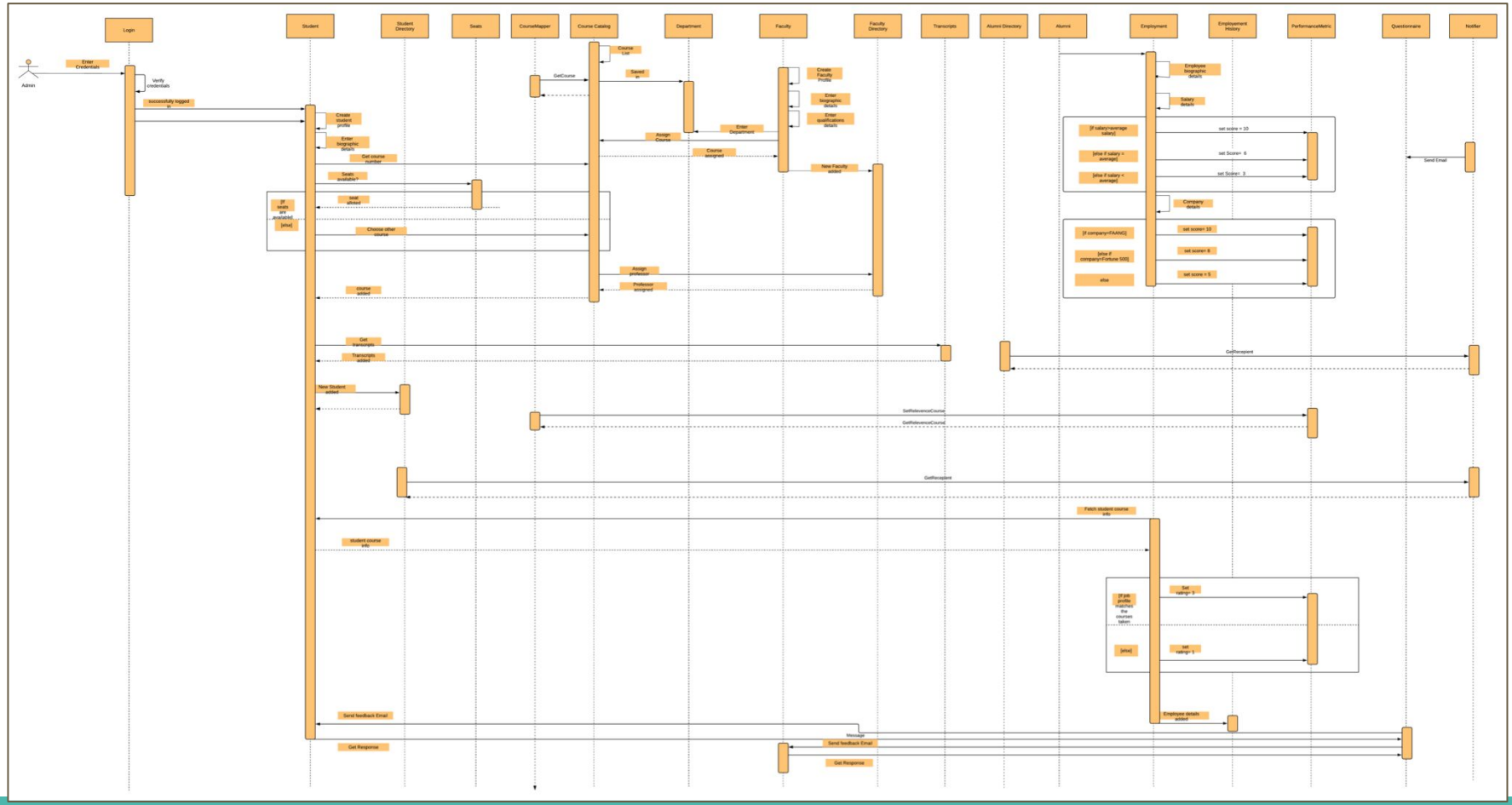
-The Relevance
If the job profile of the student's current/previous employment maps to the courses taken by the student in the university, the score assigned is 3.
If the job profile does not map to the courses taken, the score assigned is 1.

An **Aggregate Score** is calculated that gives the measure of the performance of the university.

Class Diagram



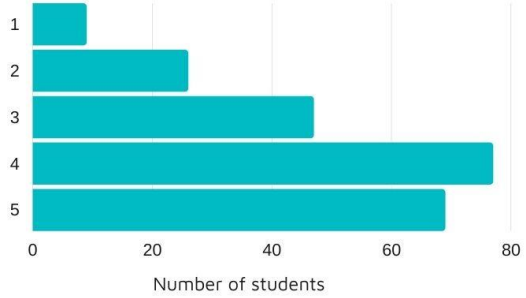
Sequence Diagram



Dashboard to Compare Performance

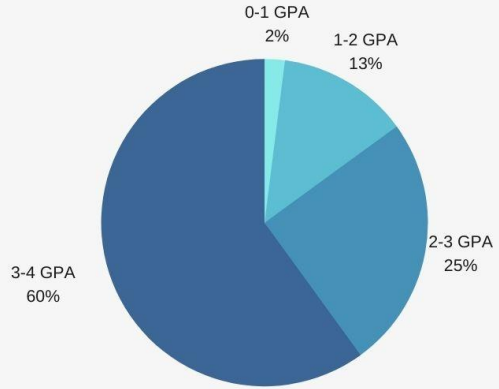
PERFORMANCE DASHBOARD

RELEVANCE OF COURSE IN INDUSTRY

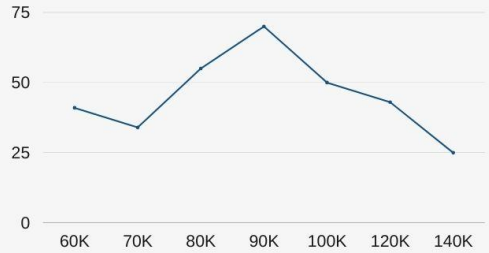


Students find the workload very high

GPA OF STUDENTS IN COURSE

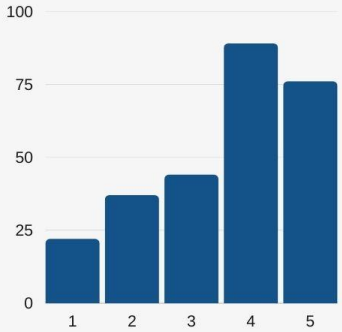


AVERAGE SALARY OF STUDENTS



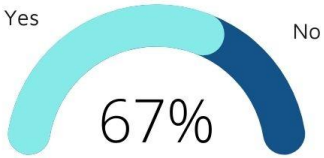
Dashboard to Compare Performance

PERFORMANCE DASHBOARD



HOW HELPFUL STUDENTS FIND THE ALUMNI NETWORK IN TERMS OF JOB SEARCH

QUALITY OF TEACHING AS PER STUDENT FEEDBACK



STUDENTS FIND THE COURSE EASY TO FOLLOW

Thank You