

INFO5100

ASSIGNMENT 3

SR.NO	NAME	NUID
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PROBLEM STATEMENT

Develop a performance evaluation system that will allow universities to assess the quality of education they provide to their students. Maintaining course quality implies keeping courses updated and aligned with university trends.

Keep track of the courses taken by graduates and how these courses have contributed to their growth. Over a 5-year period, examine how an education system involving teachers, courses, and hiring companies influences the performance of their graduates.

PROPOSED SOLUTION

Our aim is to record and assess which courses have helped students succeed, their feedback on the courses, and feedback from employers about the relevant courses. Overall, we will be aiming to create a total performance management solution that examines how courses contribute to the professional growth of graduates along with the employers ranking on the University Dashboard. Universities should be able to collect and keep feedback from students, faculty, and hiring companies, as well as receive employment feedback from alumni and employers on a regular basis.

Some of the main points that can be addressed are listed below.

- After each semester, surveys should be carried out to determine students' reviews about the course, how beneficial was the course for their skills and if any improvement could be made towards the course.
- Student feedback on which courses have aided them in landing their dream careers is necessary and this is done by taking daily reviews.
- Faculty should work on student and hiring companies feedback and design courses accordingly. These course must be reviewed every two years and changes should be made according to current industry standards
- If any new technology is introduced in the market and there is high demand from hiring companies regarding these technologies, new courses should be designed and added as per their feedback
- Feedback from hiring companies on which courses are industry relevant and also on how the courses can be more practical and industry oriented should be considered.
- Increased engagement between hiring companies, teachers, and students to keep everyone up to date on the latest technologies and research areas.
- Information about certifications, online courses, and training should be recorded.
- Apart from this, a review will be taken by current employees at the company which help in ranking of the employers.

All things considered, this whole project collects data from students, employers and processes it to get a better review of the overall curriculum which will help in increasing the quality of education and growth of the students.

USER INTERFACE DESIGN

LOGIN PAGE

LOGIN PAGE

☒ University

☐ Student

☐ Employer

Login ID:

abc@northeastern.edu

Password:

qwerty

LOGIN

UNIVERSITY DASHBOARD

UNIVERSITY DASHBOARD

TOP COURSES

University	College	Course	Ratings
Northeastern University	College of Engineering	Advance Data Engineering	5/ 5
Northeastern University	Khoury College	Program Structure Algorith...	4.7/ 5
Northeastern University	Bouve College	Energy Systems	4.5 / 5

TOP COMPANIES

Company	Ranking	Company Expertise
Google	1	Internet Services and Products
Microsoft	4	Computer Software Systems
Apple	5	Computer Hardware/ Software/ Electronics

TOP STUDENTS

Name	University	Course	GPA	Company
John Doe	Northeastern Univer...	Information Systems	4.00	Google
Krishna P	Northeastern Univer...	DAMG	4.50	Apple
Sanika Patil	Northeastern Univer...	Computer Science	4.50	Microsoft

STUDENT PROFILE

STUDENT DETAILS

Student ID:

Name:

Department:


University:

Campus:

Address:

Skills:

LinkedIn:




Profile Picture

Active Courses:

Course	Instructor	Location	Schedule	Review
AED	Dr. Kal	Boston	MWF	Submitted
DMDD	Prof. Naveen	Boston	Saturday	Pending
Co-op	Prof. Carrie	Boston	Thursday	Pending

COURSE REVIEW



COURSE REVIEW

The instructor was well prepared for class.

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5

The instructor communicated clearly and was easy to understand.

☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5

The lectures, readings, and assignments complemented each other.

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5

This course was useful in progress toward my degree.

☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5

Course relevance in job perspective

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5

Do you have any specific recommendations for improving this course?

EXPERIENCE

EXPERIENCE

Employer	Position	Start Date	Type of Employment	Skills Utilized	Job Details
Infosys	SDE	09-12-2018	Full- Time	Java	Worked on software
Capgemini	SDE	01-22-2020	Full- Time	Java	Worked on app

ADD

EDIT

DELETE

Employer:

Google

Position:

SDE Intern

Start Date:

10-24-2021

Type of Employment:

☒ Internship ☐ Part-time ☐ Full - time

Skills Utilized:

Java, Program Structure and Algorithms

Job Details:

Work on softwares

SAVE

CERTIFICATIONS

CERTIFICATIONS

Technology	Duration	Start Date	End Date	Skills Acquired
Android	3 Months	02-03-2016	05-02-2016	Kotlin, Android Framework
Power BI	1 Month	06-22-2019	07-22-2019	Power BI

ADD

EDIT

DELETE

Technology:

iOS

Duration:

3 Months

Start Date:

01-18-2020

End Date:


04-18-2020

Skills Acquired:

Swift UI, Cocoapod, Swift Frameworks

SAVE

APPLY FOR TRANSCRIPT

 — □ ×

APPLY FOR TRANSCRIPT

Student ID:

002123456

Name:

John Doe

Department :


Information Systems

University:

Northeastern University

APPLY

APPLY FOR DEGREE

 — □ ×

APPLY FOR DEGREE

Student ID:

002123456

Name:

John Doe

Department :


Information Systems

University:

Northeastern University

APPLY

EMPLOYER DASHBOARD



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EMPLOYER DETAILS

EMPLOYER DETAILS:

Name	Ranking	Area	Revenue	Respondent	Mode of Interview
Microsoft	#1	San Francisco	61.88B	HR	Online

EDIT

DELETE

JOBS OFFERED:

Name of Student	Course	Company	Job Role	Job Type	Salary Plan(Monthly)
John Doe	Information Systems	Google	SDE Intern	Internship	\$5,000
Fenil Den	EM	Google	Manager	Full - Time	\$10,000
Amyra D	DAMG	Google	Data Analyst	Full - Time	\$8,000

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VACANT POSITIONS:

Company	Job Offered	Skills Required	Job Type	Salary Plan(Monthly)
Google	SDE (iOS)	Swift, iOS Frameworks	Full - Time	\$10,000
Google	SDE (Android)	Kotlin, Android Framework	Full - Time	\$10,000
Google	Data Analyst	Oracle, Hadoop, Big data	Full - Time	\$10,000
Google	SDE (Android) Intern	Kotlin, Android Framework	Internship	\$5,000
Google	Data Analyst Intern	Oracle, Hadoop, Big data	Internship	\$5,000

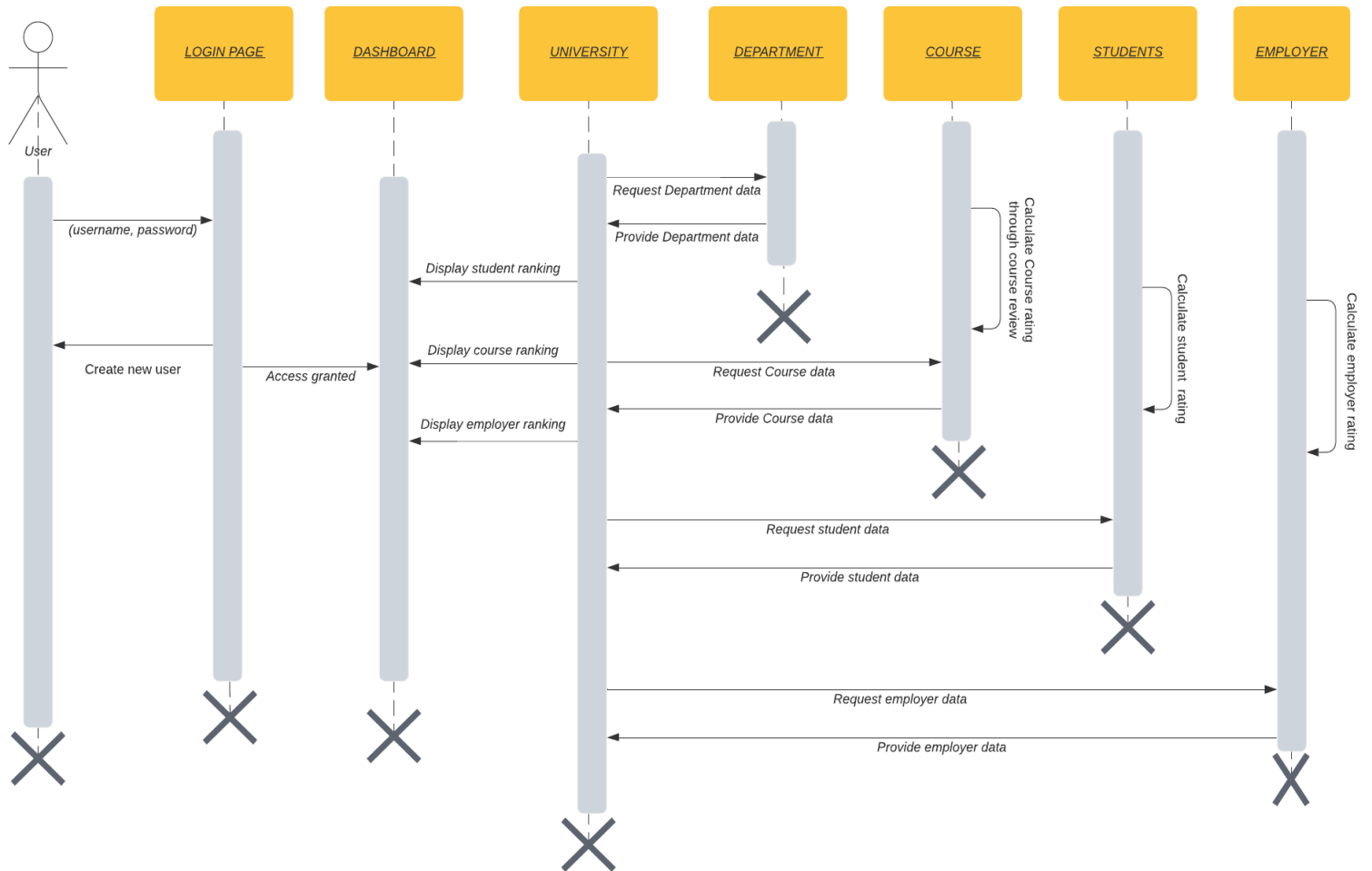
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SEQUENCE DIAGRAM

Sequence diagram



UML CLASS DIAGRAM

