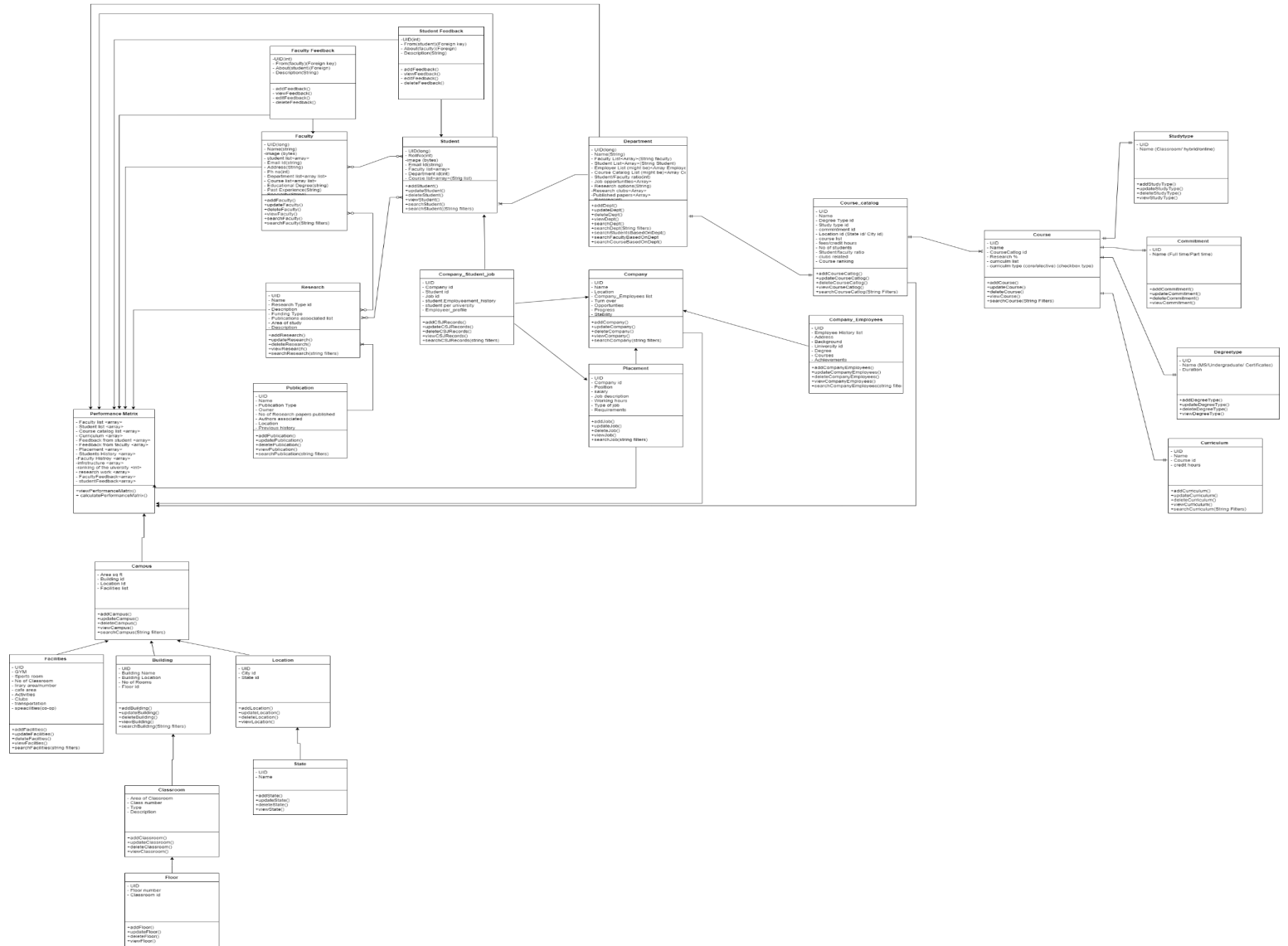


University Model Report

- This report represents how universities are ranked and how students can decide which university is best for them based on the ranking.
-
- The ranking of the university is based on how much involvement the university is in research work, courses offered by the university, number of students in a particular course, placements offered by the university, alumni history and experience.
- Students can also view the grades they got still present and can decide the courses they can register in upcoming semesters.
- There is a Feedback application where students can provide feedback for the university or department or curriculum or faculty. Similarly faculties can also provide feedback to students or university or department or curriculum.
- This will help universities to improve their performance.

1) UML Diagram



```

sequenceDiagram
    actor Actor
    participant Campus
    participant Jobs
    participant Faculty
    participant Research
    participant Faculty_Detail as Faculty Detail
    participant Future_Course as Future Course
    participant Feedback
    participant University_Ranking as University Ranking
    participant Grades

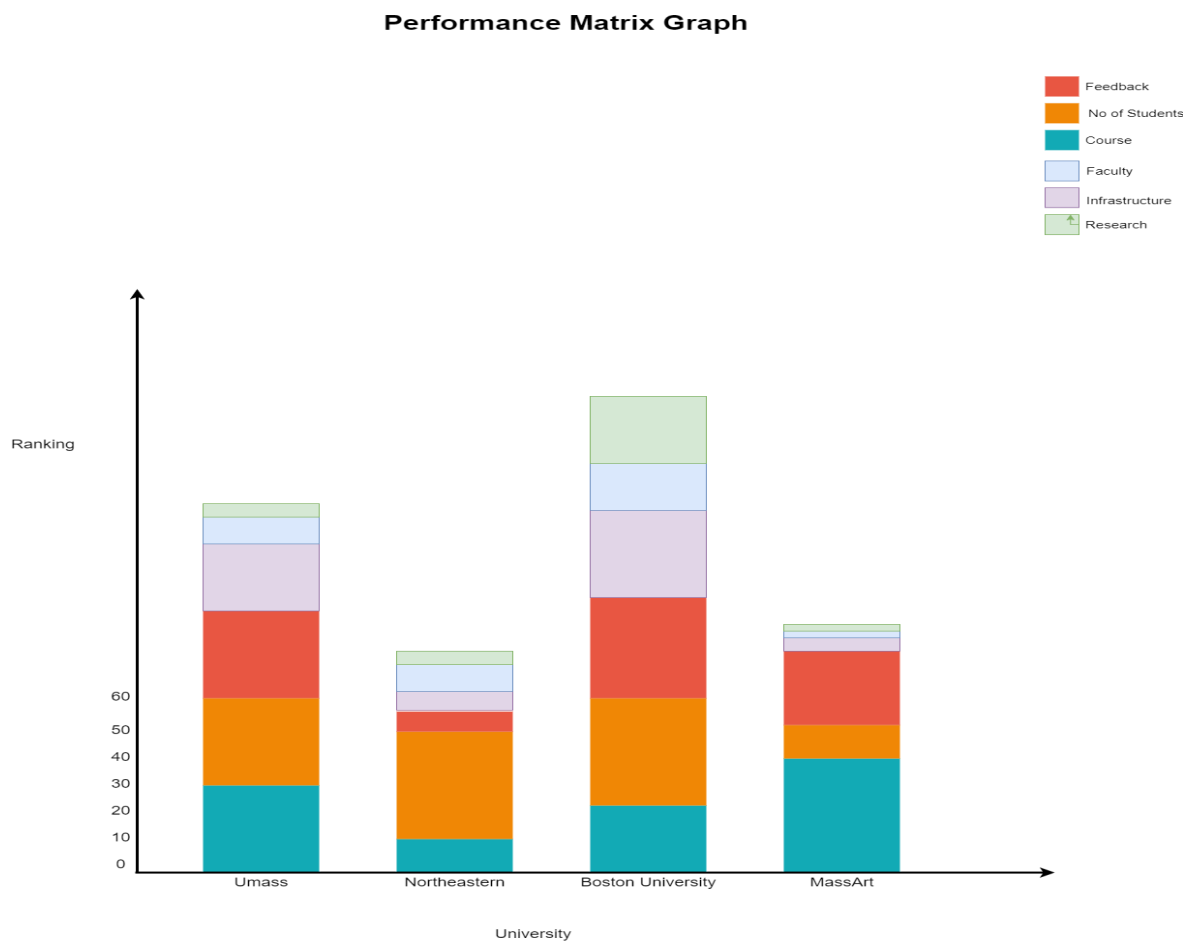
    Actor->>Login: Login Request
    Login->>Login: Login successful
    Login-->>Actor: Ok
    Actor->>Faculty: View Department
    Actor->>Faculty: View Department by filter
    Actor->>Faculty_Catalog: View Course catalog
    Faculty_Catalog->>Faculty_Detail: View course
    Faculty_Detail->>Faculty_Detail: Add course
    Faculty_Detail->>Faculty_Detail: Edit course
    Faculty_Detail->>Faculty_Detail: Delete course
    Faculty_Detail->>Future_Course: View Curriculum
    Future_Course->>University_Ranking: view Faculty
    Future_Course->>Grades: View Alumni
    Actor->>Logout: Log Out
    Logout-->>Actor: 
    Logout-->>Campus: 
    Logout-->>Jobs: 
    Logout-->>Faculty: 
    Logout-->>Research: 
    Logout-->>Faculty_Detail: 
    Logout-->>Future_Course: 
    Logout-->>Feedback: 
    Logout-->>University_Ranking: 
    Logout-->>Grades: 

    Jobs->>Faculty: View Faculty
    Faculty->>Research: View Research done by Faculty
    Research->>Feedback: Add Feedback
    Feedback->>Grades: View your credits
    Grades->>Campus: View Campus
    Campus->>Research: View Research
    Research->>Faculty_Detail: View Faculty detail
    Faculty_Detail->>Research: View Research done by Faculty
    Research->>Future_Course: View course to be taken
    Future_Course->>Future_Course: Add Courses
    Future_Course-->>Actor: 
    Future_Course-->>Campus: 
    Future_Course-->>Jobs: 
    Future_Course-->>Faculty: 
    Future_Course-->>Research: 
    Future_Course-->>Faculty_Detail: 
    Future_Course-->>Future_Course: 
    Future_Course-->>Feedback: 
    Future_Course-->>University_Ranking: 
    Future_Course-->>Grades: 
  
```

3) Performance Matrix Graph

Ranking is based on factors like Student feedback, Faculty feedback, Courses, Infrastructure and research opportunities. A university would be ranked more if the Student Faculty feedback is good, Number of research opportunities are more. The campus really and Infrastructure plays an important role as well, whereas facilities are provided. In the given graph there is a case study of four universities and its ranking considering all the factors.


For example, a certain "X" university has more research opportunities, but less campus area and "Y" has more campus, more jobs, but less research; The ranking of the university will majorly be based on Research, Job Opportunities, and Alumni network. So the "X" university will be ranked higher than "Y". Considering a "Z" university with more research, more campus area, and more job opportunities as well. It would be ranked above the other two, So the sequence would be $Z > X > Y$.



4) Login Page

Enter the login credentials of the Student and login Into the system. If you are not registered it won't validate and take you to the sign-up page.

Design Preview [StudentLogin]



Student Login


Username:

Password:

Login

Sign Up

Design Preview [StudentLogin]



Admin Login

Username:

Password:

Login

Sign Up

5) Signup Page

Create a new account by adding all the details and registering. It will take you to the login page. After successfully adding the details they will take into the system.



Create New Account

First Name:

Last Name:

Phone Number:

Email ID:

Sign Up

6) Performance Ranking Matrix

University Names and ranking are displayed in ascending order, considering all the filtered factors.



University List

University Name:	Ranking:

7) Search University Ranking and details

The University name and ranking is displayed according to the Faculty, Research opportunities, Course intake, Job opportunities, Alumni, and Job growth.



University Name

Enrollment Type:

- ☒ Full Time
- ☐ Part Time

Degree:

- ☒ Bachelor's
- ☐ Masters
- ☐ Phd

Mode:

- ☒ On-campus
- ☐ Virtual
- ☐ Hybrid

Courses Offered:

Item 1 ▾

Ranking:



Faculty:

Item 1 ▾

Alumni

Item 1 ▾

Facilities:

Item 1 ▾

Research:

Item 1 ▾



Admin

Enrollment Type:

- ☒ Full Time
☐ Part Time

Degree:

- ☐ Bachelor's
☐ Masters
☐ Phd

Mode:

- ☐ On-campus
☐ Virtual
☐ Hybrid

Courses Offered:

Item 1

Faculty:

Item 1

Alumni

Item 1

Facilities:

Item 1

Research:

Item 1

Ranking:

Department:

Item 1

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