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Problem Statement

Mess Feedback System at NIT Trichy

Description:

This application provides the way to monitor food quality of different mess at NIT Trichy. Students can get registered in this application. After that they can provide feedback of food at particular date and time. These feedbacks can be monitored by administrative representative.

Complete Database Schema

Student

Attribute Name	Data Type
Name	String
Roll Number	Numeric
Course	String
Password	String

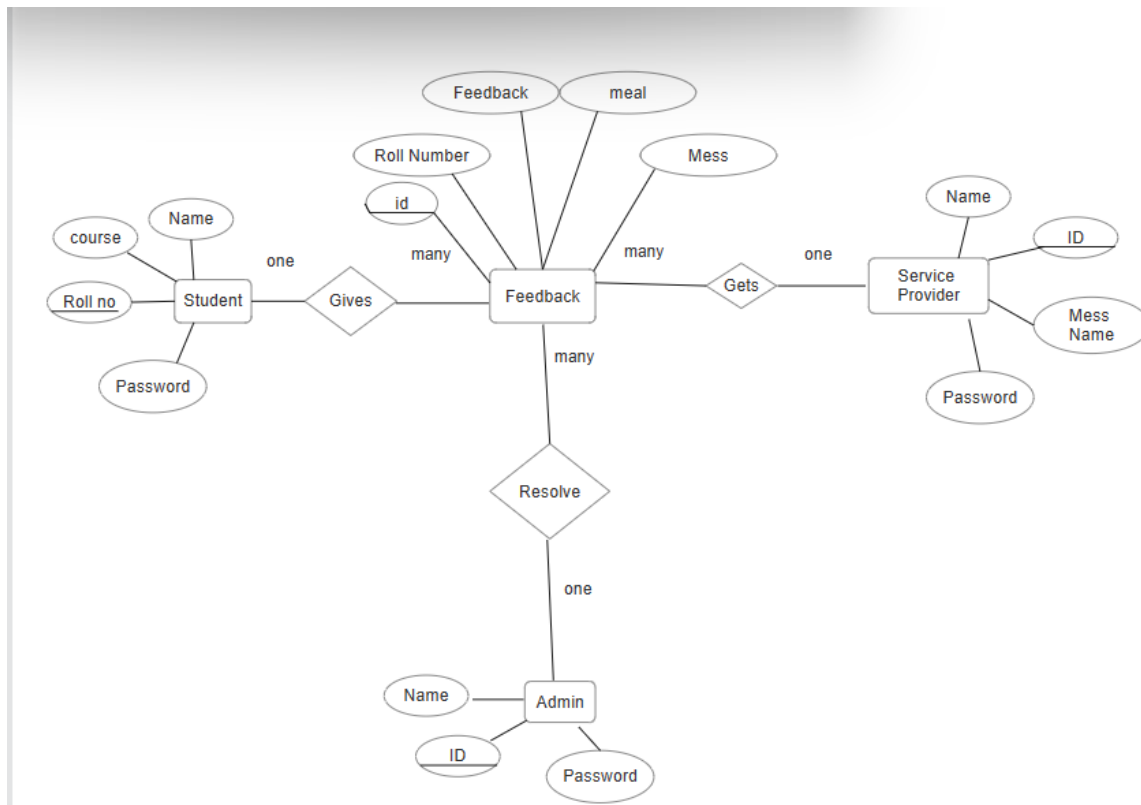
Service Provider

Attribute Name	Data Type
Name	String
Service ID	Numeric
Mess Name	String
Password	String
Mobile No	String

Feedback

Attribute Name	Data Type
Student Roll No	Numeric
Mess ID	Numeric
Date	String
Meal	String
Rating	Numeric

Entity Relationship Diagram



List of Stakeholder of the project

- Students
- Mess Service Provider
- Admin

Database type used

We need database with following requirements

- Flexible with schema
- Scalable
- Capable to handle moderate complex query
- Short term Inconsistency is not a concern here

Due to above reason, I am choosing NoSQL database. Mongo DB is open source and easy to use. That's why I am choosing it more specifically.

Screenshot of front-end developments

Index.html



Mess Feedback

The screenshot shows a web form titled "Feedback Form" for providing feedback on the mess. The form includes the following fields and options:

- Your Roll Number:** A text input field containing the value "205223029".
- Mess:** A dropdown menu with "Mega Mess 1 FF" selected.
- Meal:** A dropdown menu with "Breakfast" selected.
- Feedback:** A large text area for providing feedback. The dropdown menu is open, showing options: Breakfast, Lunch, Snacks, and Dinner.
- Submit:** A green button to submit the feedback.

The bottom of the browser window shows the Windows taskbar with the search bar and various application icons. The system tray indicates a temperature of 28°C, mostly sunny weather, and the date and time as 08:49 on 10-10-2023.

Student Login

Student Login

Student Roll Number:

205223029...

Password:

Rana@123

☐ Remember me

Submit

Admin Login

Admin Login

Admin ID:

205223029...

Password:

Rana@123

☐ Remember me

Submit

Service Provider Login

Service Provider Login

Service ID:

Password:

☐ Remember me

Submit

Student Registration

Student Registration

Name:

Roll Number:

Course:

Password:

Register

Service Provider Registration

Service Provider Registration

Name:

Service ID:

Mess:

Password: