

CS 243: IITG Mess Rating System

Group 18

Mayank Baranwal (Roll No: 170101084)

Udbhav Chugh (Roll No: 170101081)

Credentials to Login/View Website

▶ Admin:

- ▶ Username: admin
- ▶ Password: admin

▶ Mess manager:

- ▶ Username: lohith or kapili
- ▶ Password: lohith or kapili

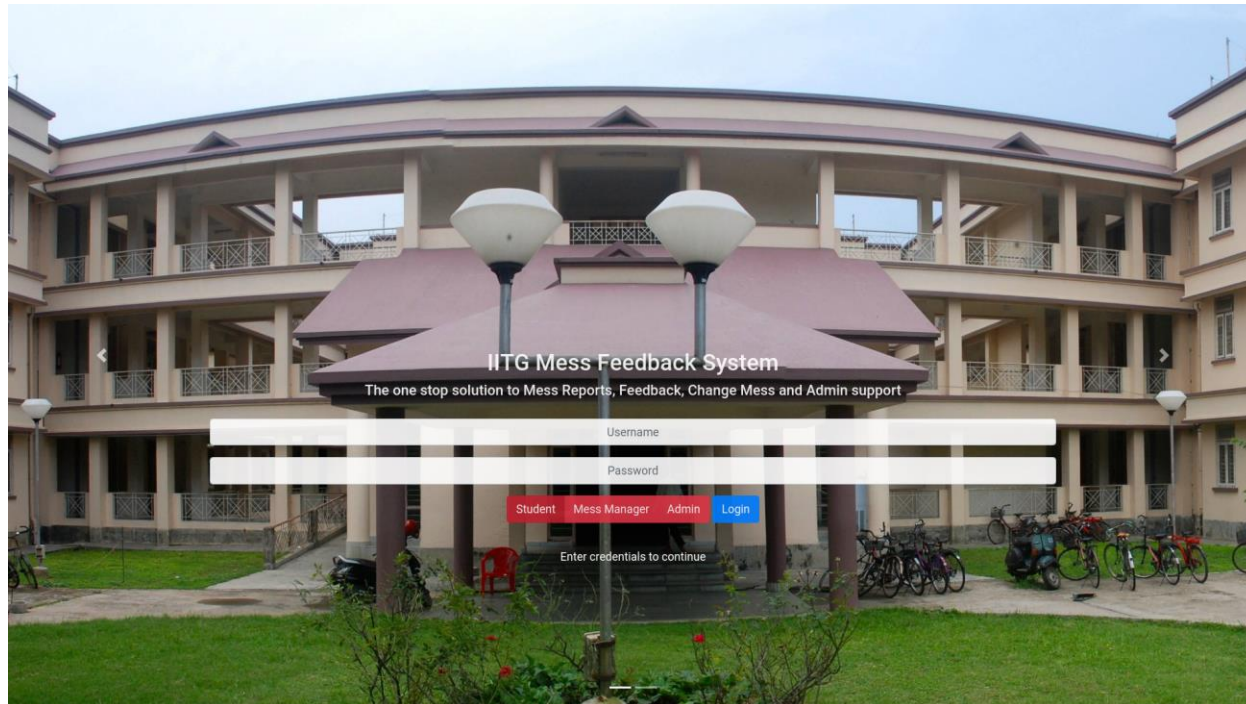
▶ User:

- ▶ Username: udbha170123055 or baran170102035
- ▶ Password: 123

▶ Hosting:

- ▶ Website hosted on IP:
- ▶ 172.16.115.11:2145

Home Page



- ▶ Login page supports 3 types of logins
 - ▶ Students
 - ▶ Mess Manager
 - ▶ Admin
- ▶ The background has a carousel screen
- ▶ Passwords are hashed and stored in database

User Profile Page

- ▶ Profile details are visible.
- ▶ The background has a carousel screen
- ▶ Passwords are hashed and stored in database
- ▶ User can update password and student can choose next month's mess.

IITG - Mess Rating System Profile Ratings(Report) Give Feedback Logout

Profile

Mayank Baranwal
baran170102035
Roll Number: 170101084
Hostel Residence: Kapili
Current Hostel Mess Subscribed: Lohit
Program: B.Tech.
Designation: student

Change Next Month Mess

Current Mess: Lohit

Barak

Change Mess

All changes in mess are reflected at the end of the month only.

Update Password

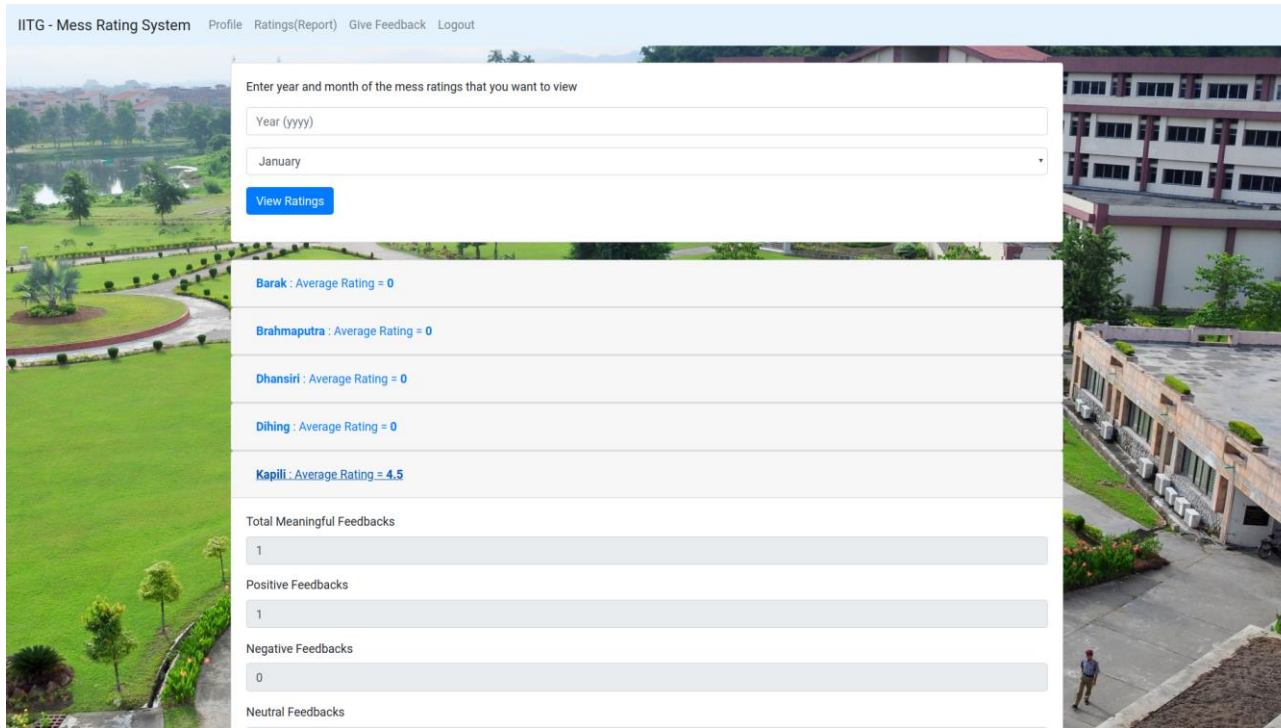
Current Password

New Password

Confirm New Password

Change Password

Report Page



IITG - Mess Rating System Profile Ratings(Report) Give Feedback Logout

Enter year and month of the mess ratings that you want to view

Year (yyyy)

January

[View Ratings](#)

Barak : Average Rating = 0
Brahmaputra : Average Rating = 0
Dhansiri : Average Rating = 0
Dihing : Average Rating = 0
Kapili : Average Rating = 4.5

Total Meaningful Feedbacks

1

Positive Feedbacks

1

Negative Feedbacks

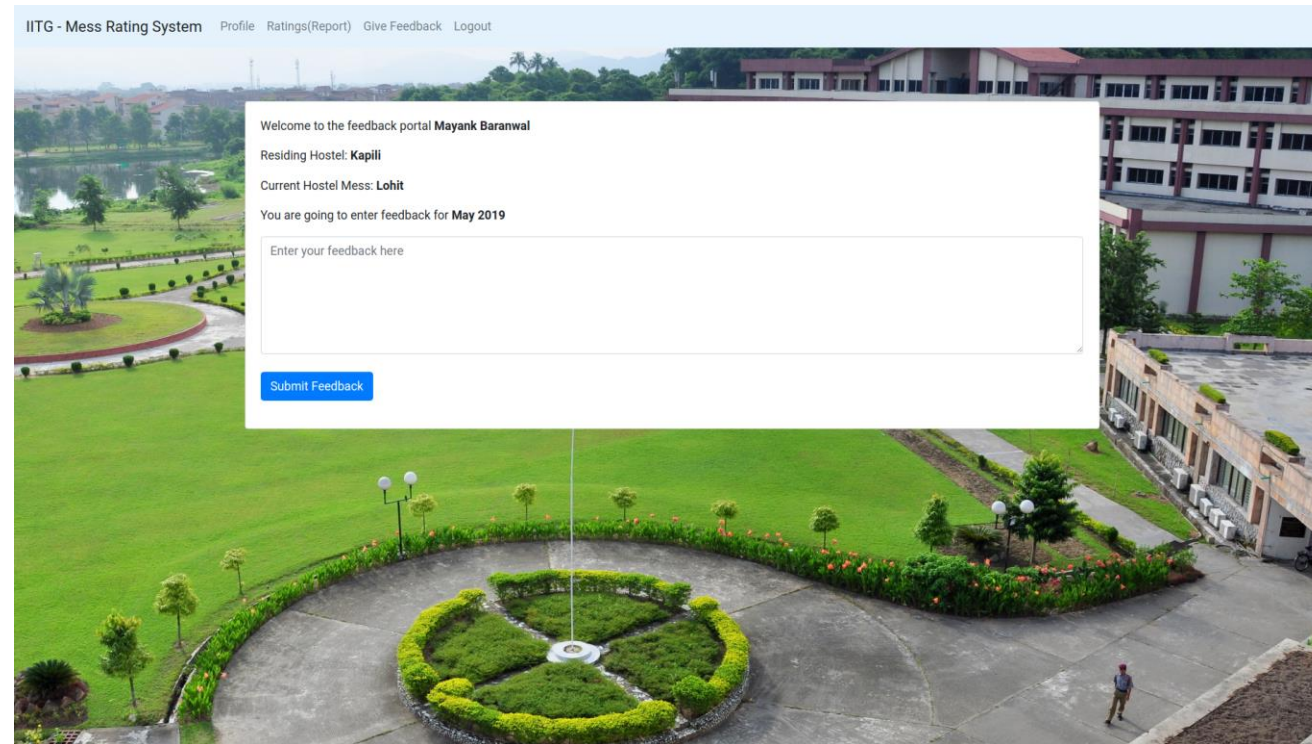
0

Neutral Feedbacks

- ▶ User can see the reports of each mess for any month and year of his/her choice.
- ▶ Average monthly rating is visible for each mess.
- ▶ On expanding for each mess, one can view positive, negative and neutral feedbacks and overall feedbacks.

Student Feedback

- ▶ Students can provide feedback for the current month for the mess they are subscribed to.
- ▶ Every student can give one feedback per month.
- ▶ Any more feedback updates the previous one.



IITG - Mess Rating System Profile Ratings(Report) Give Feedback Logout

Welcome to the feedback portal **Mayank Baranwal**

Residing Hostel: **Kapili**

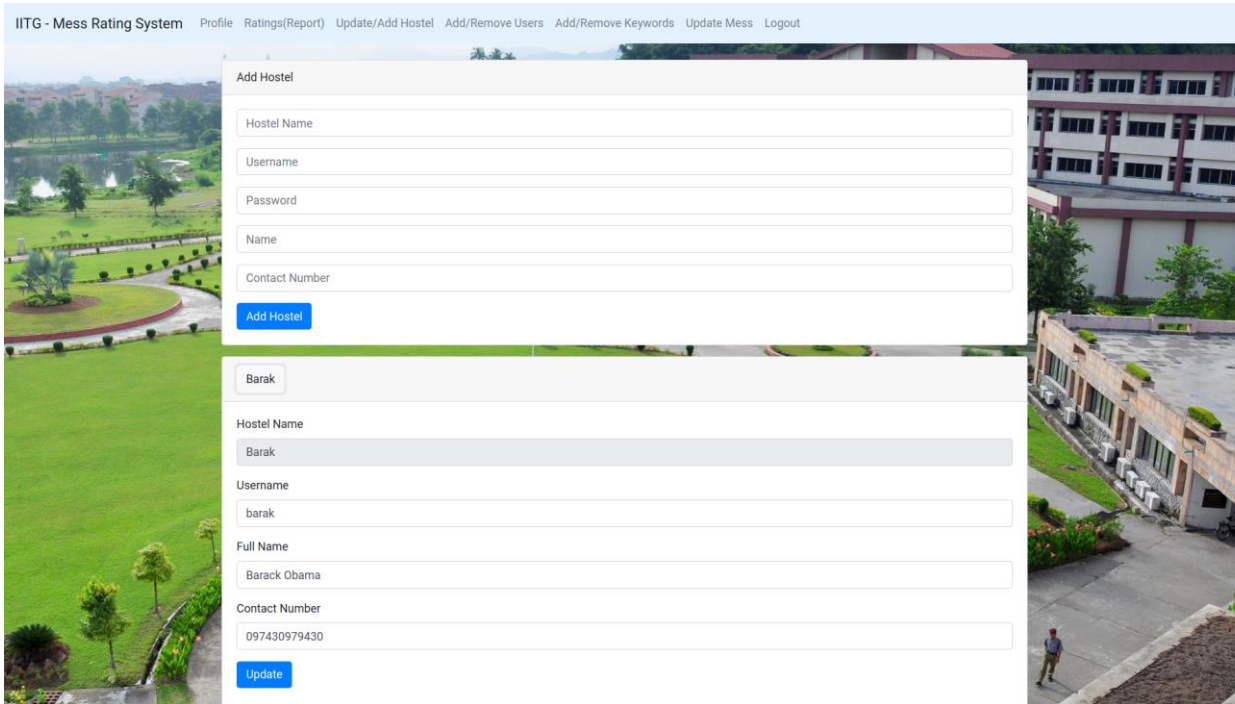
Current Hostel Mess: **Lohit**

You are going to enter feedback for **May 2019**

Enter your feedback here

Submit Feedback

Add/ Update Hostel Info

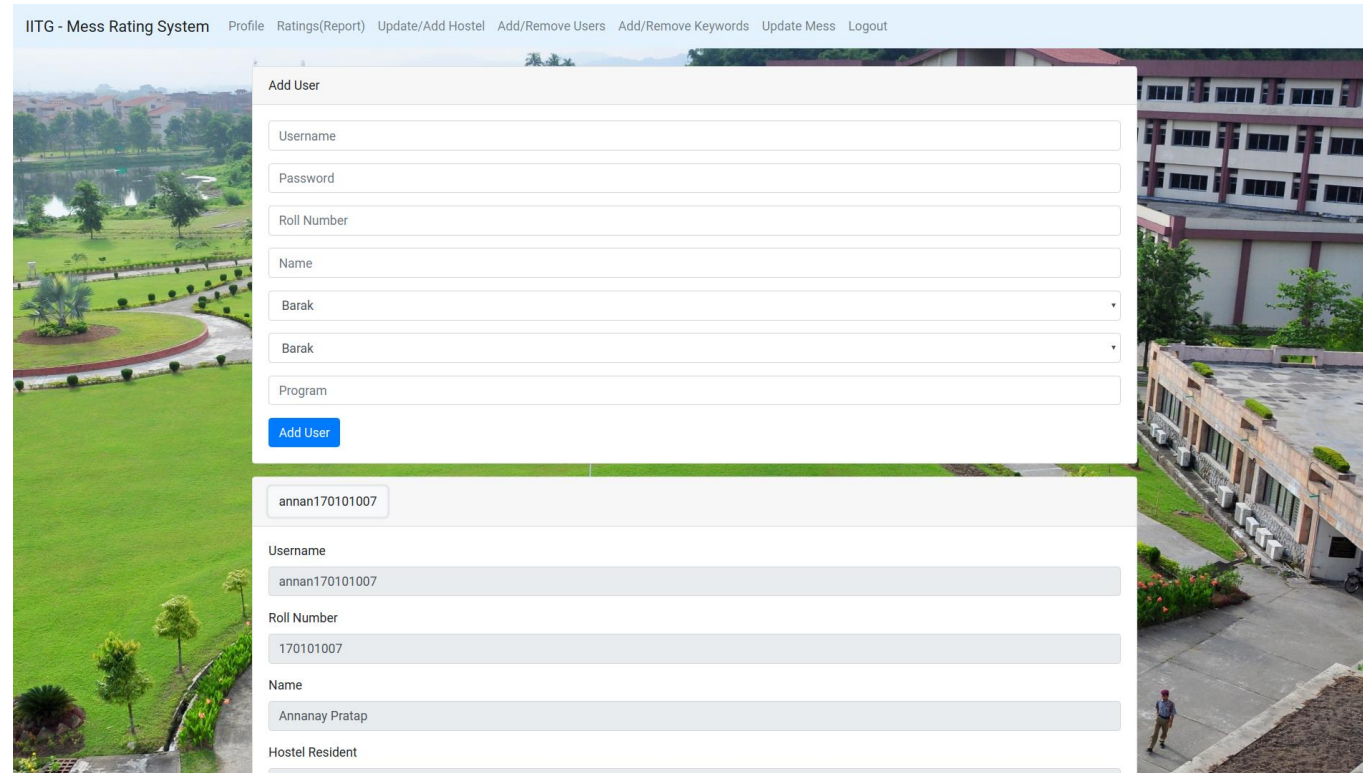


The screenshot displays the 'IITG - Mess Rating System' interface. The top navigation bar includes links for Profile, Ratings(Report), Update/Add Hostel, Add/Remove Users, Add/Remove Keywords, Update Mess, and Logout. The main content area is divided into two sections. The top section, titled 'Add Hostel', contains a form with fields for Hostel Name, Username, Password, Name, and Contact Number, followed by an 'Add Hostel' button. The bottom section, titled 'Barak', shows a form for updating a hostel's details. It includes a 'Hostel Name' dropdown menu with 'Barak' selected, and input fields for Username (barak), Full Name (Barack Obama), and Contact Number (097430979430), followed by an 'Update' button. The background of the interface features a large image of a green campus with a building and a person walking.

- ▶ Admin can add a new hostel by providing its name and details of mess manager.
- ▶ Admin can update details of a hostel's mess manager in case of a change.

Add/Remove Users

- ▶ Admin can add new users to the database by providing their roll number and hostel and mess information.
- ▶ Admin can also remove existing students from the database.



The screenshot displays the 'IITG - Mess Rating System' interface. The top navigation bar includes links for Profile, Ratings(Report), Update/Add Hostel, Add/Remove Users, Add/Remove Keywords, Update Mess, and Logout. The main content area is divided into two sections. The top section, titled 'Add User', contains a form with input fields for Username, Password, Roll Number, Name, Barak (a dropdown menu), and Program, followed by an 'Add User' button. The bottom section displays the details of a user with the ID 'annan170101007', including their Username, Roll Number, Name (Annanay Pratap), and Hostel Resident status.

Add/Update/Remove Keywords

IITG - Mess Rating System Profile Ratings(Report) Update/Add Hostel Add/Remove Users Add/Remove Keywords Update Mess Logout

Add Keyword

KeyName
Value
Add Keyword

acidic

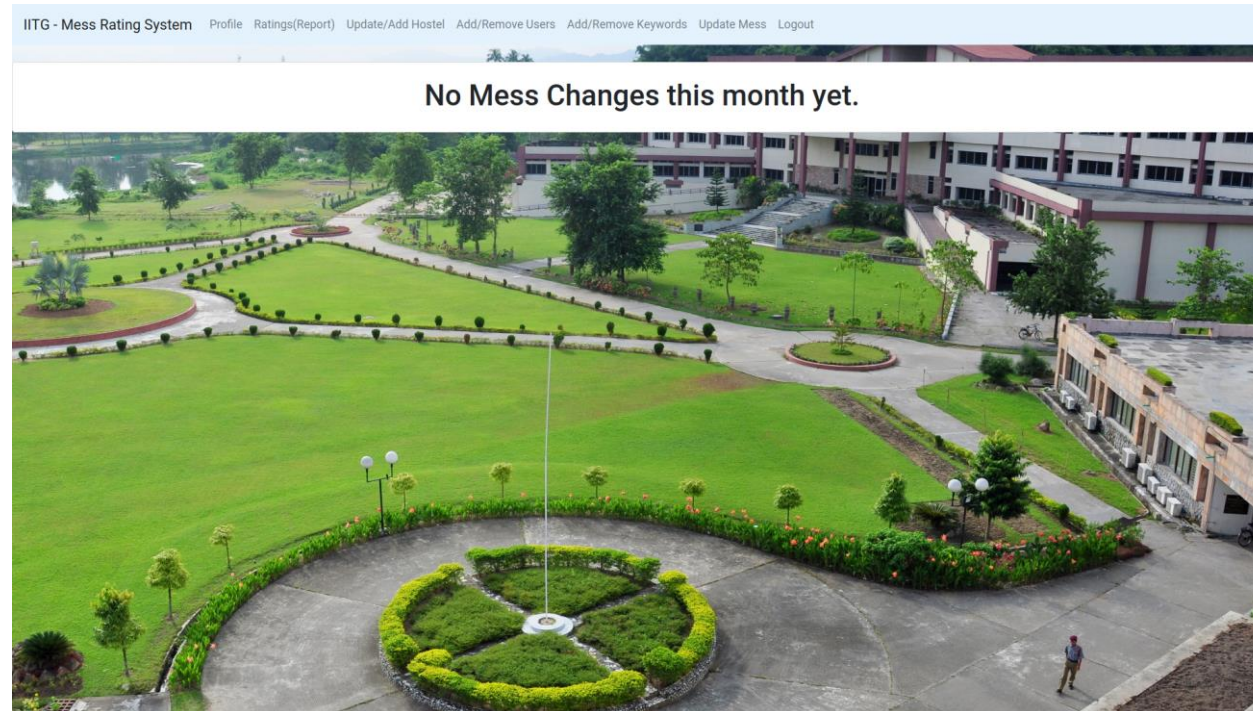
KeyName
acidic
Value
-2
Delete Keyword Update Keyword

amazing
appetizing
awful
bad

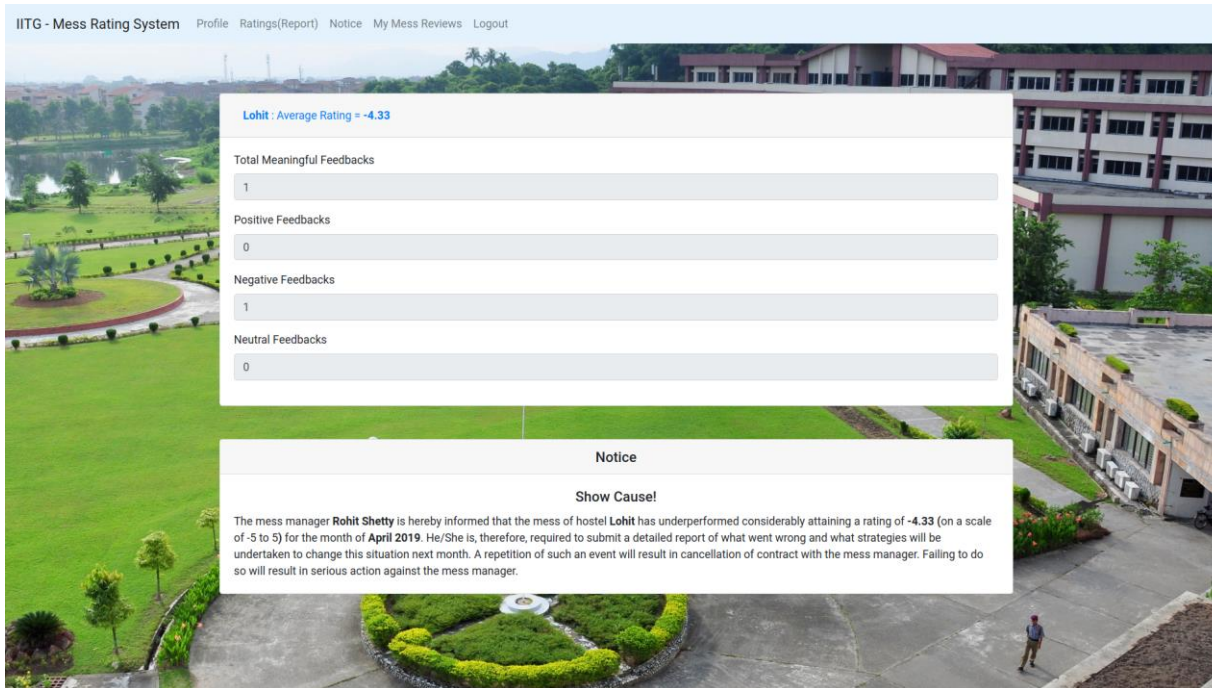
- ▶ Admin can add new keywords for sentiment analysis.
- ▶ Admin can update key-values of pre-existing keywords and also remove keywords from database.
- ▶ Rating of keywords lies between +5 (best) to -5 (worst)

Apply Student Mess Changes

- ▶ Admin can view all the students who have applied for mess change in the current month.
- ▶ Admin can bring these changes in effect for the next month(by updating at end of each month).



Individual Mess Reviews + Notices



The screenshot displays the 'IITG - Mess Rating System' interface. At the top, a navigation bar includes links for 'Profile', 'Ratings(Report)', 'Notice', 'My Mess Reviews', and 'Logout'. The main content area features a background image of a campus with a building and a pond. Overlaid on this is a white box containing feedback statistics for 'Lohit' with an average rating of -4.33. Below this, a 'Notice' section titled 'Show Cause!' informs the mess manager Rohit Shetty that the hostel's underperformance (rating of -4.33) requires a detailed report for the month of April 2019, with a warning of contract cancellation if the situation does not improve.

IITG - Mess Rating System Profile Ratings(Report) Notice My Mess Reviews Logout

Lohit : Average Rating = -4.33

Total Meaningful Feedbacks
1

Positive Feedbacks
0

Negative Feedbacks
1

Neutral Feedbacks
0

Notice

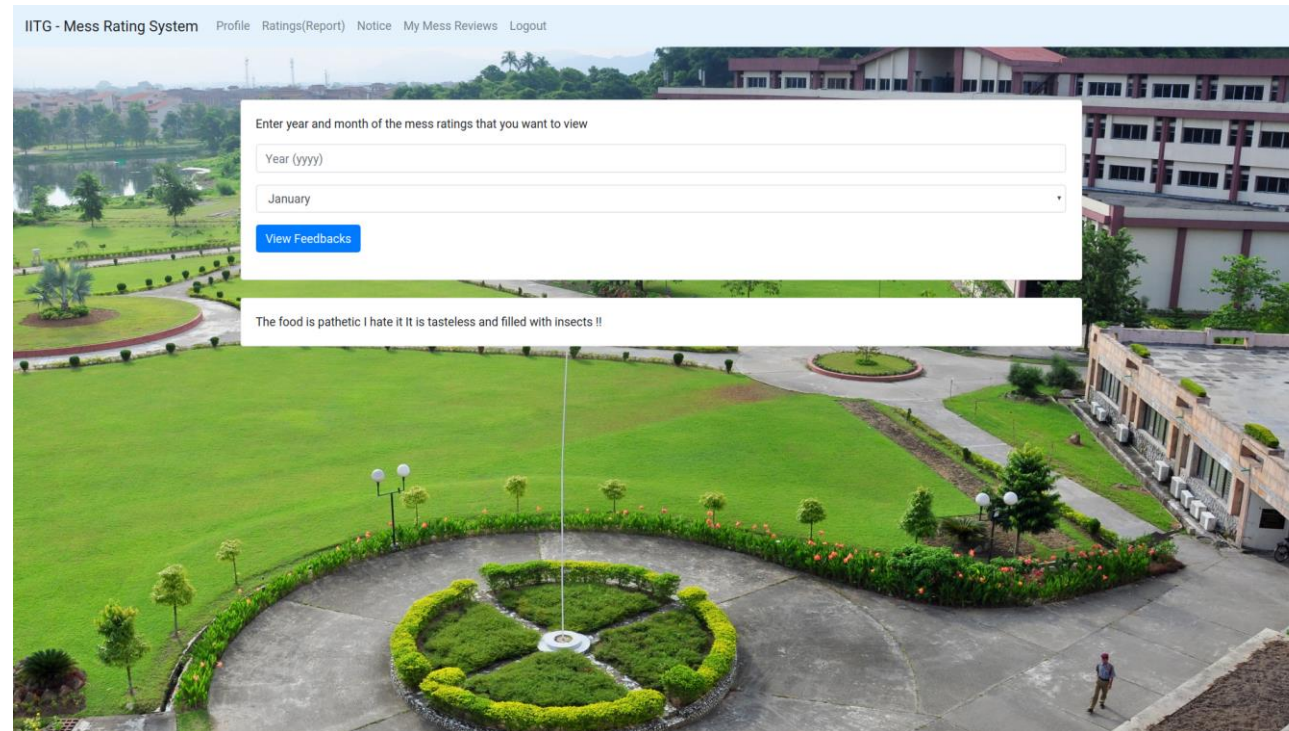
Show Cause!

The mess manager **Rohit Shetty** is hereby informed that the mess of hostel **Lohit** has underperformed considerably attaining a rating of **-4.33** (on a scale of -5 to 5) for the month of **April 2019**. He/She is, therefore, required to submit a detailed report of what went wrong and what strategies will be undertaken to change this situation next month. A repetition of such an event will result in cancellation of contract with the mess manager. Failing to do so will result in serious action against the mess manager.

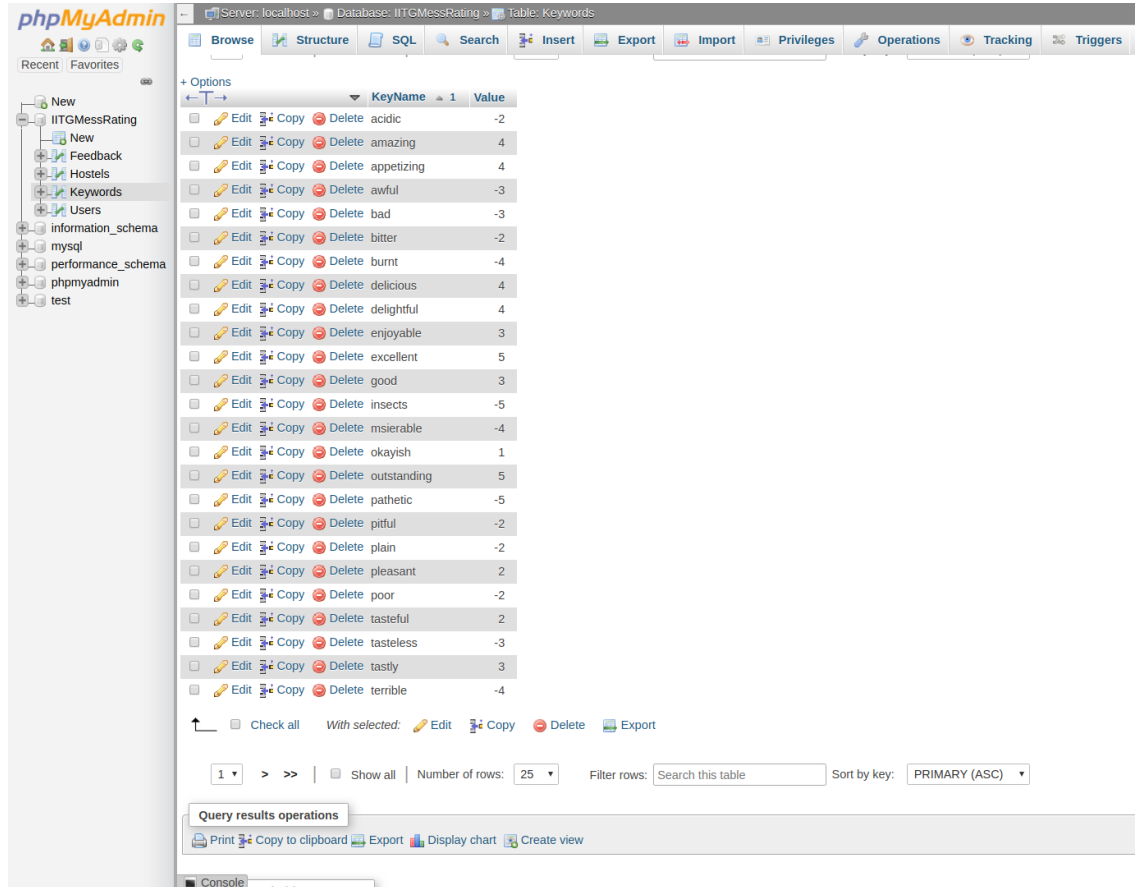
- ▶ Mess Manager, apart from views reports of all hostel, can see his own hostel report separately.
- ▶ In case his/her mess has underperformed, he will be issued a show cause notice by the administration.

View Student Reviews

- ▶ Aside from view the average ratings, the mess manager can also view student feedback
- ▶ This allows mess manager to get an in depth view of the anonymized feedback provided by students



Database



The screenshot shows the phpMyAdmin interface for a database named 'IITGMessRating'. The 'Keywords' table is selected, and its structure is displayed. The table has two columns: 'KeyName' and 'Value'. The data is as follows:

KeyName	Value
acidic	-2
amazing	4
appetizing	4
awful	-3
bad	-3
bitter	-2
burnt	-4
delicious	4
delightful	4
enjoyable	3
excellent	5
good	3
insects	-5
msierable	-4
okayish	1
outstanding	5
pathetic	-5
pitiful	-2
plain	-2
pleasant	2
poor	-2
tasteful	2
tasteless	-3
tastily	3
terrible	-4

- ▶ 4 tables in Database
 - ▶ Feedback
 - ▶ Hostels
 - ▶ Keywords
 - ▶ Users
- ▶ Keywords are mapped with a rating (-5 to 5)
- ▶ Feedback stores the feedback from different users