

# CS 243: IITG Mess Rating System

Group 18

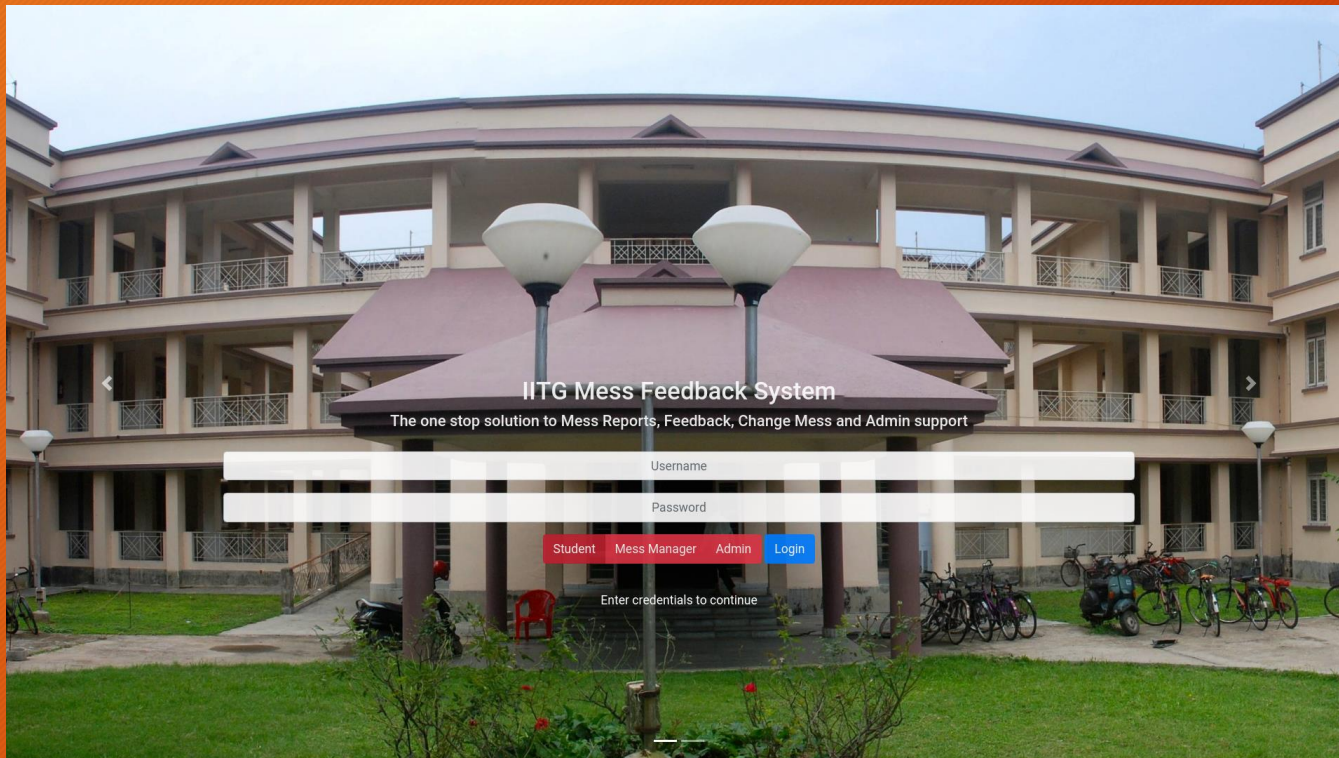
Mayank Baranwal (Roll No: 170101084)

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

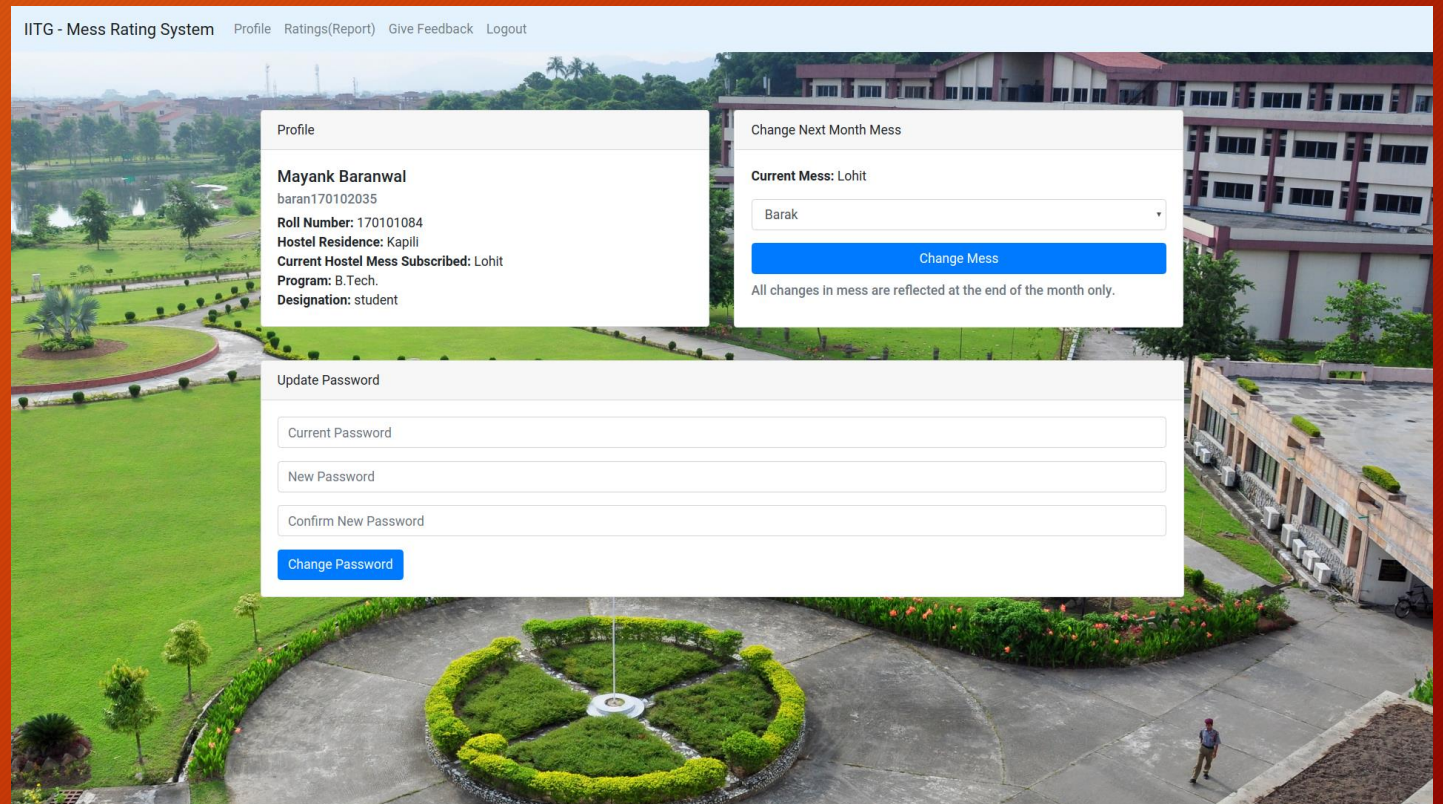


- Login page supports 3 types of logins
  - Students
  - Mess Manager
  - Admin
- The background has a carousel screen
- Passwords are hashed and stored in database

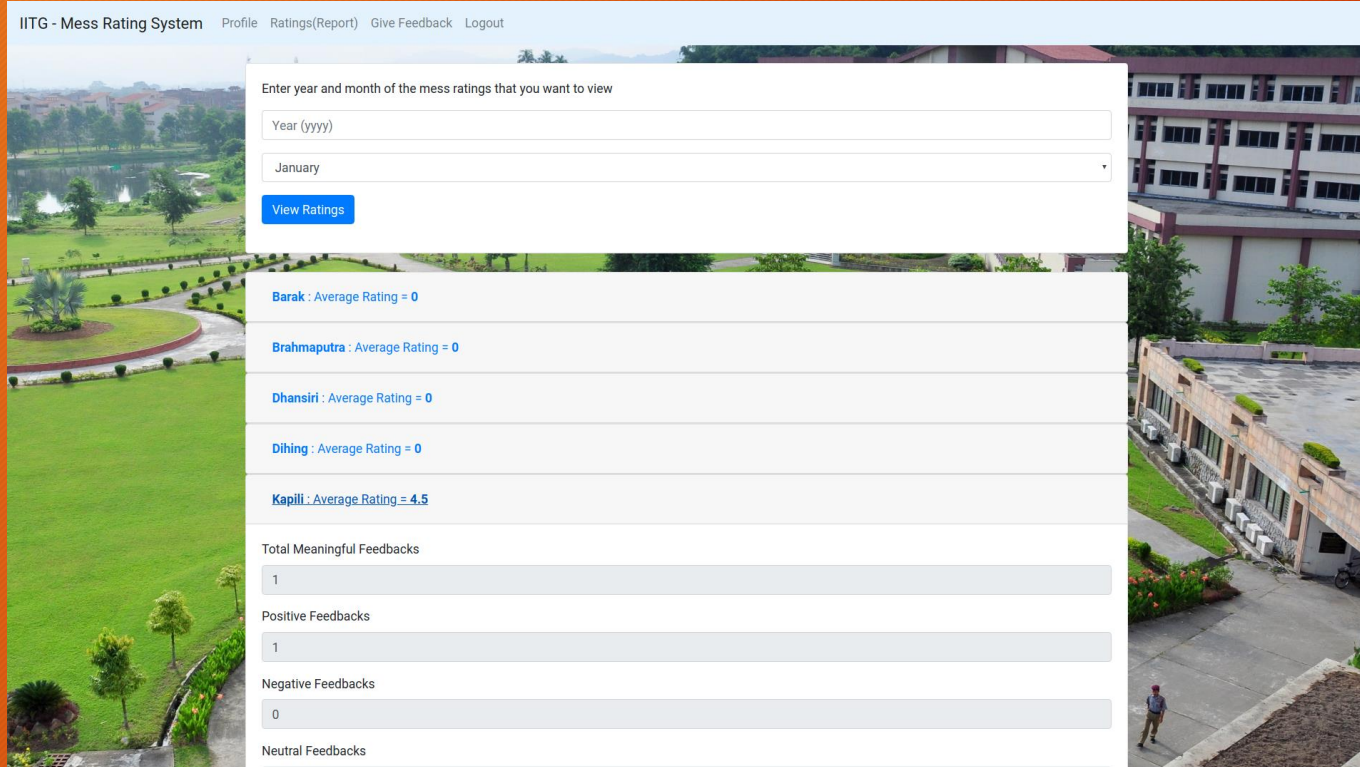


# User Profile Page

- 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.



# 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](#)

<a href="#">Barak</a> : Average Rating = 0
<a href="#">Brahmaputra</a> : Average Rating = 0
<a href="#">Dhansiri</a> : Average Rating = 0
<a href="#">Dihing</a> : Average Rating = 0
<a href="#">Kapili</a> : Average Rating = 4.5

Total Meaningful Feedbacks

1

Positive Feedbacks

1

Negative Feedbacks

0

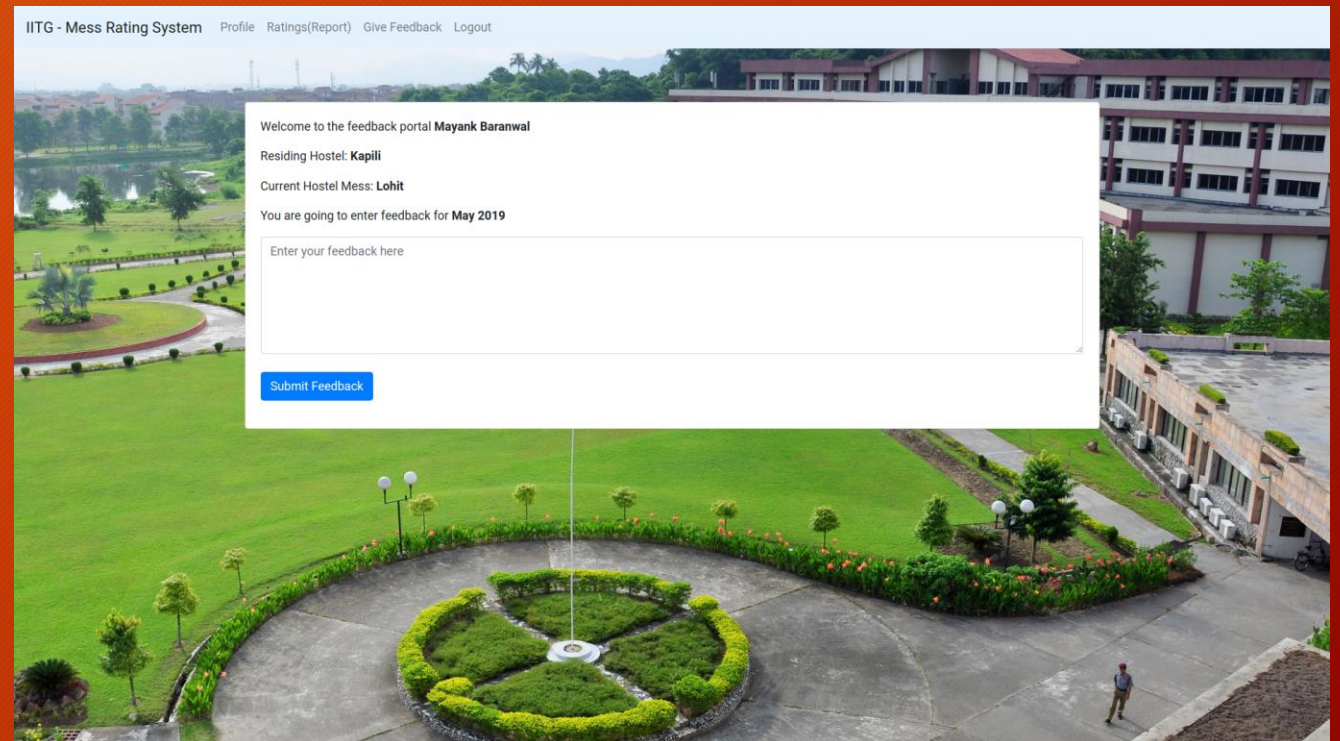
Neutral Feedbacks

- 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**

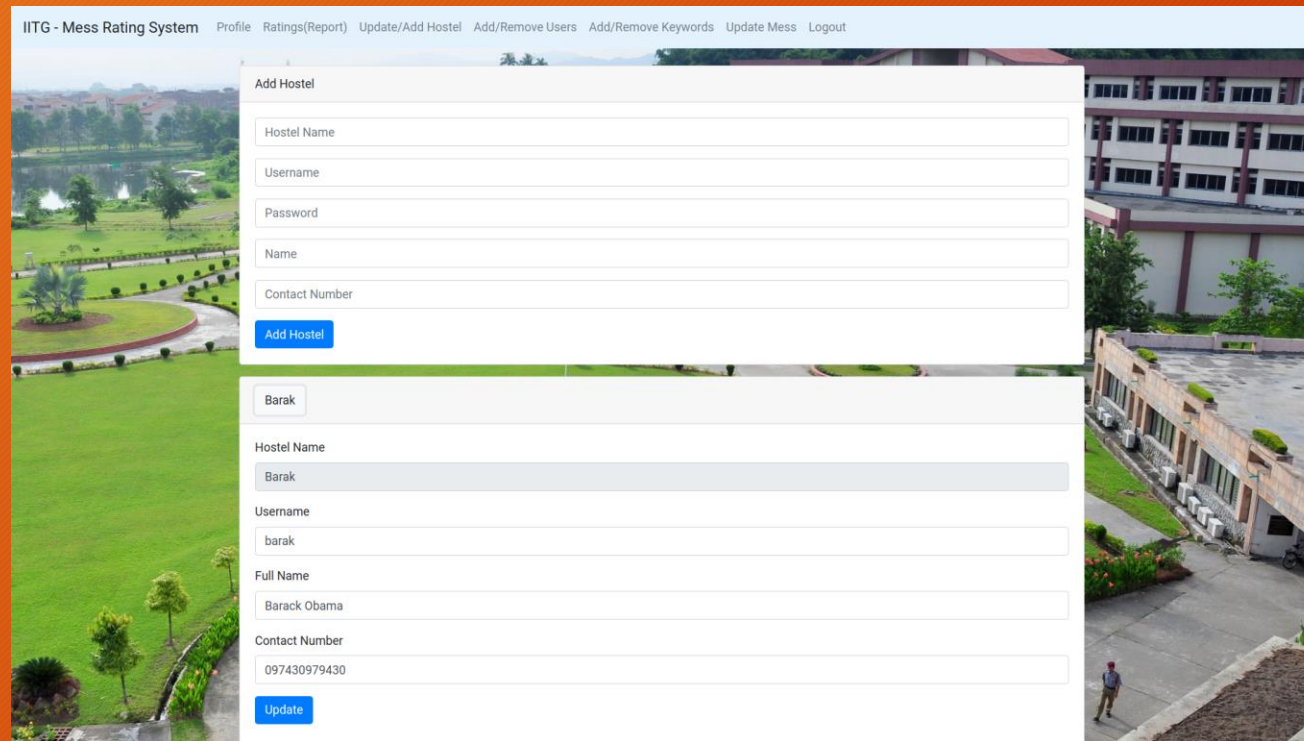
Current Hostel Mess: **Lohit**

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: 'Add Hostel' and 'Update'.

**Add Hostel Form:**

- Hostel Name:
- Username:
- Password:
- Name:
- Contact Number:
- 

**Update Form:**

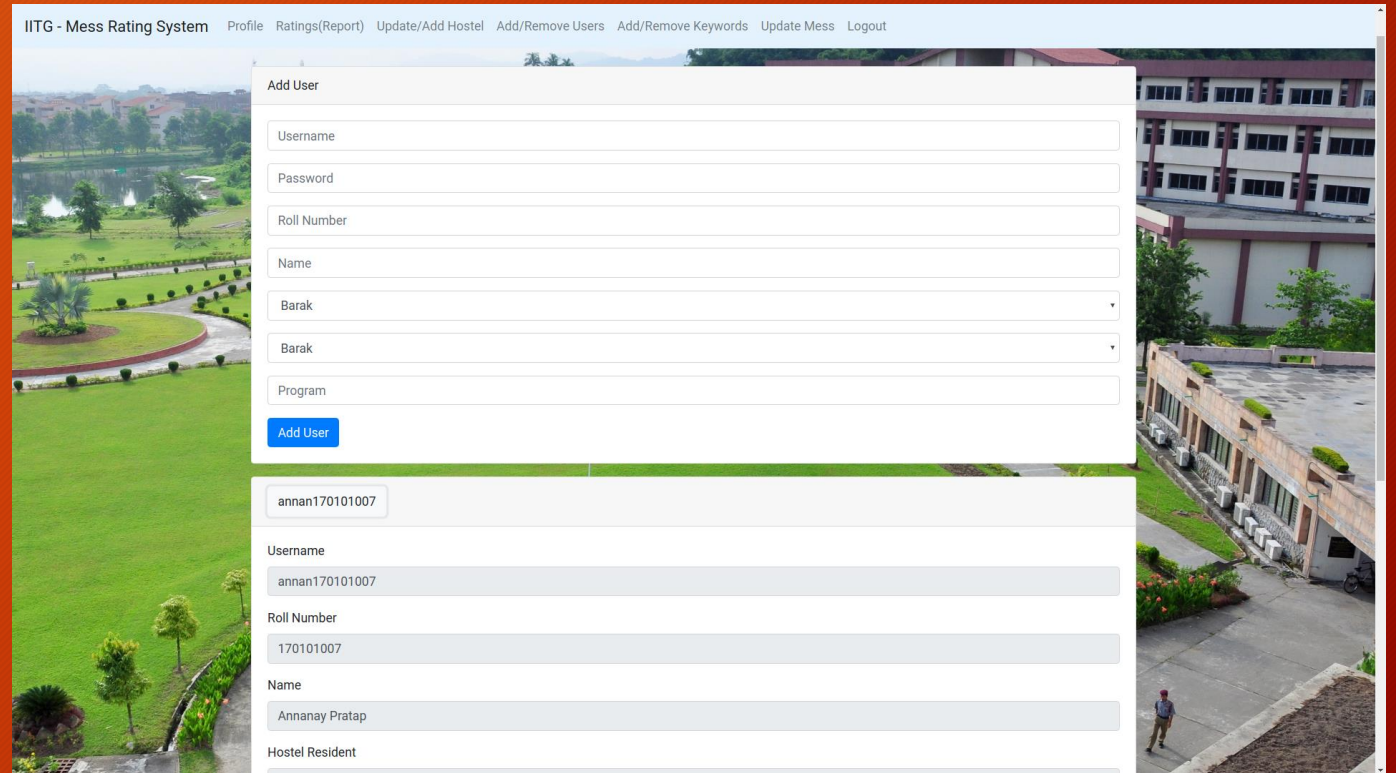
- (Dropdown menu)
- Hostel Name:
- Username:
- Full Name:
- Contact Number:
- 

- 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.

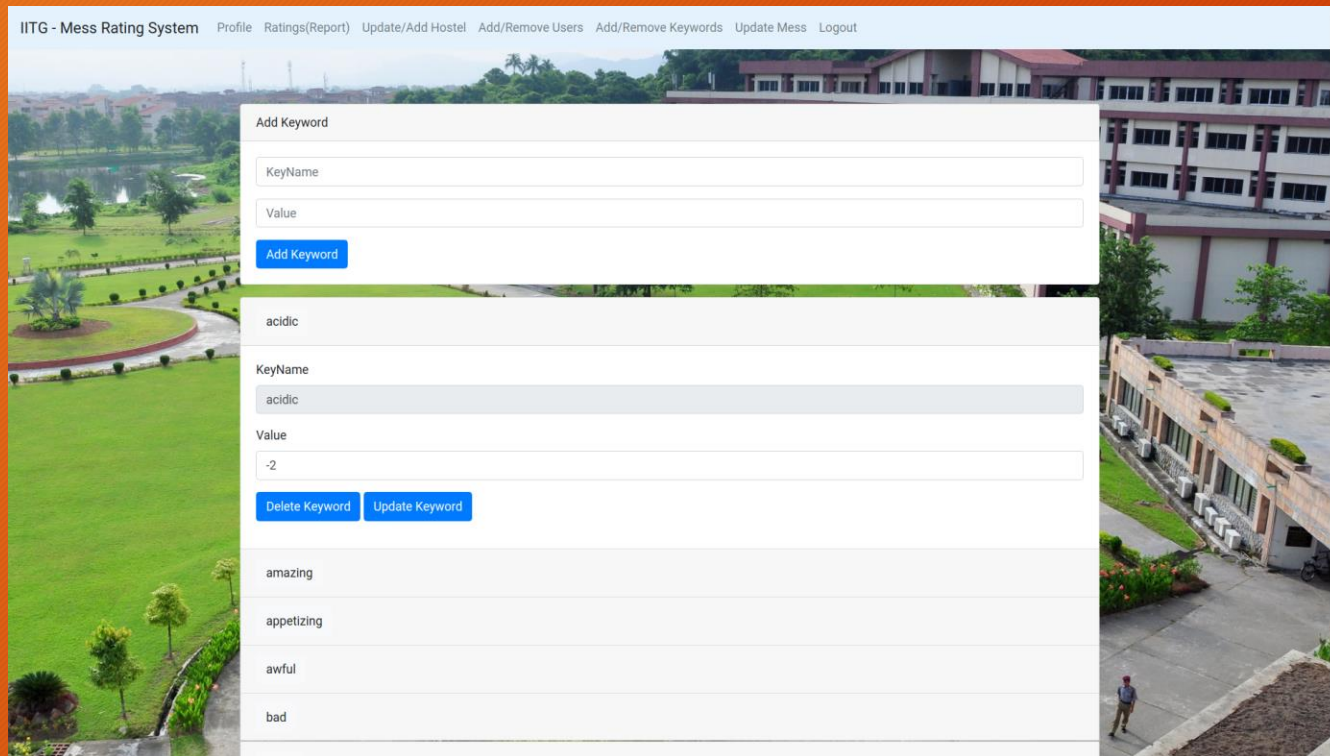


The screenshot displays the 'IITG - Mess Rating System' web application. The top navigation bar includes links for Profile, Ratings(Report), Update/Add Hostel, Add/Remove Users, Add/Remove Keywords, Update Mess, and Logout. The main content area features a large background image of a campus with a lake and greenery. Overlaid on this is a white 'Add User' form with the following fields: Username, Password, Roll Number, Name, Barak (dropdown), Barak (dropdown), and Program. A blue 'Add User' button is at the bottom of the form. Below the form, a list of existing users is shown, with the first entry highlighted in light blue. The entry details are: Username: annan170101007, Roll Number: 170101007, Name: Annanay Pratap, and Hostel Resident.

Username	Roll Number	Name	Hostel Resident
annan170101007	170101007	Annanay Pratap	



# Add/Update/Remove Keywords



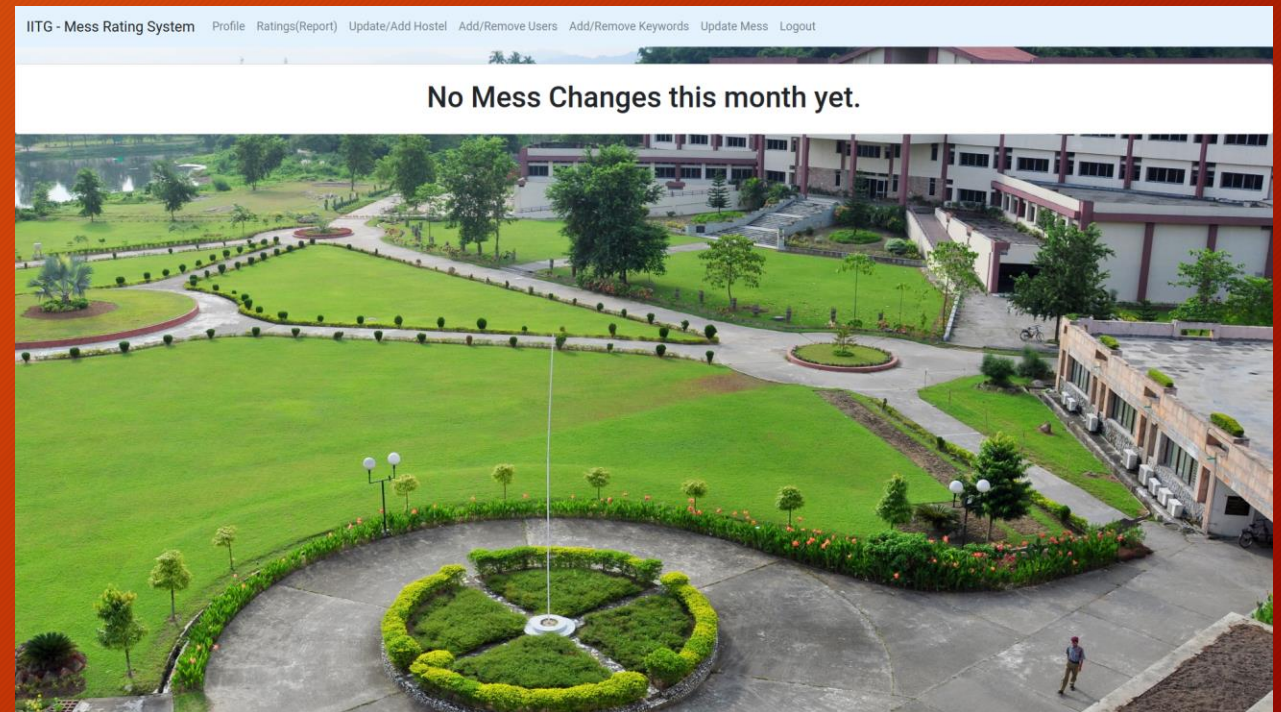
The screenshot displays the 'IITG - Mess Rating System' interface. The top navigation bar includes links for Profile, Ratings(Report), Update/Add Hostel, Add/Remove Users, Add/Remove Keywords, Update Mess, and Logout. The main content area is divided into two sections. The top section, titled 'Add Keyword', contains a form with 'KeyName' and 'Value' input fields and an 'Add Keyword' button. The bottom section, titled 'acidic', shows a list of keywords with their corresponding values. The 'KeyName' field is set to 'acidic' and the 'Value' field is set to '-2'. Below this, there are buttons for 'Delete Keyword' and 'Update Keyword'. The list of keywords includes 'amazing', 'appetizing', 'awful', and 'bad'.

Keyword	Value
acidic	-2
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)

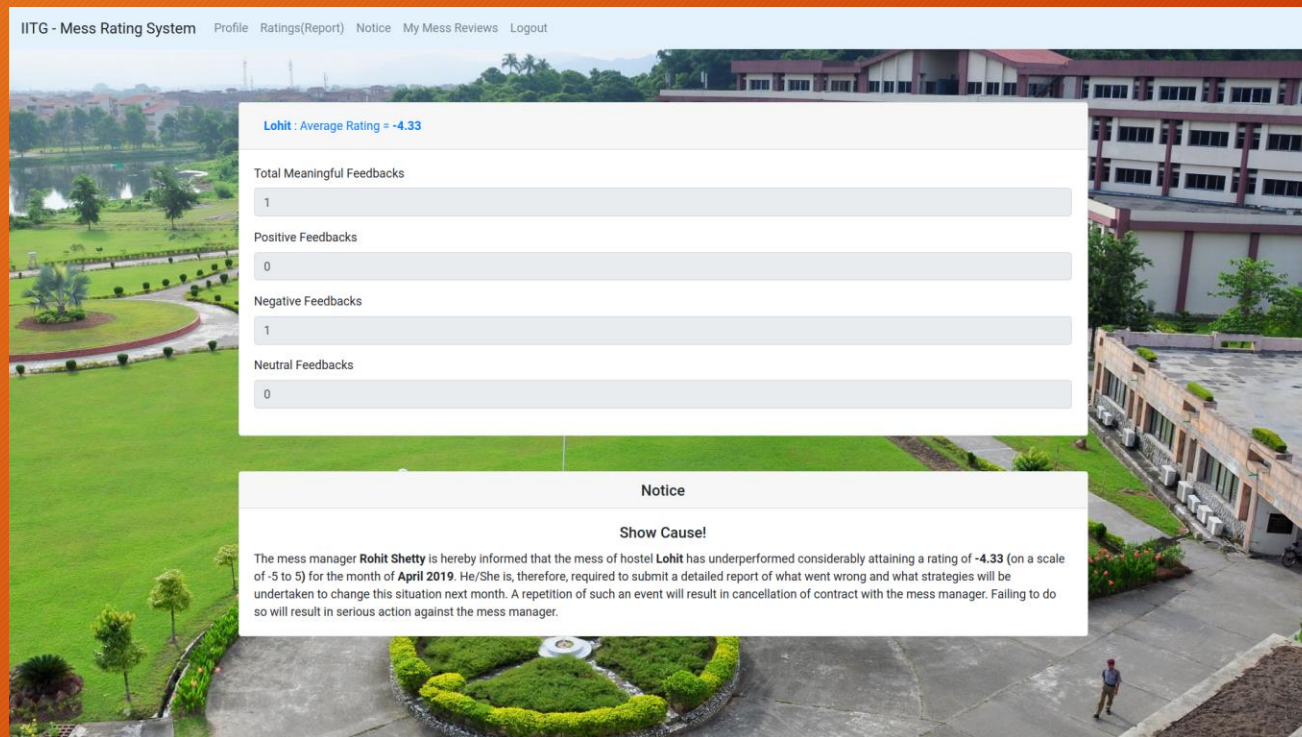
# Apply Student Mess Changes

- 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).





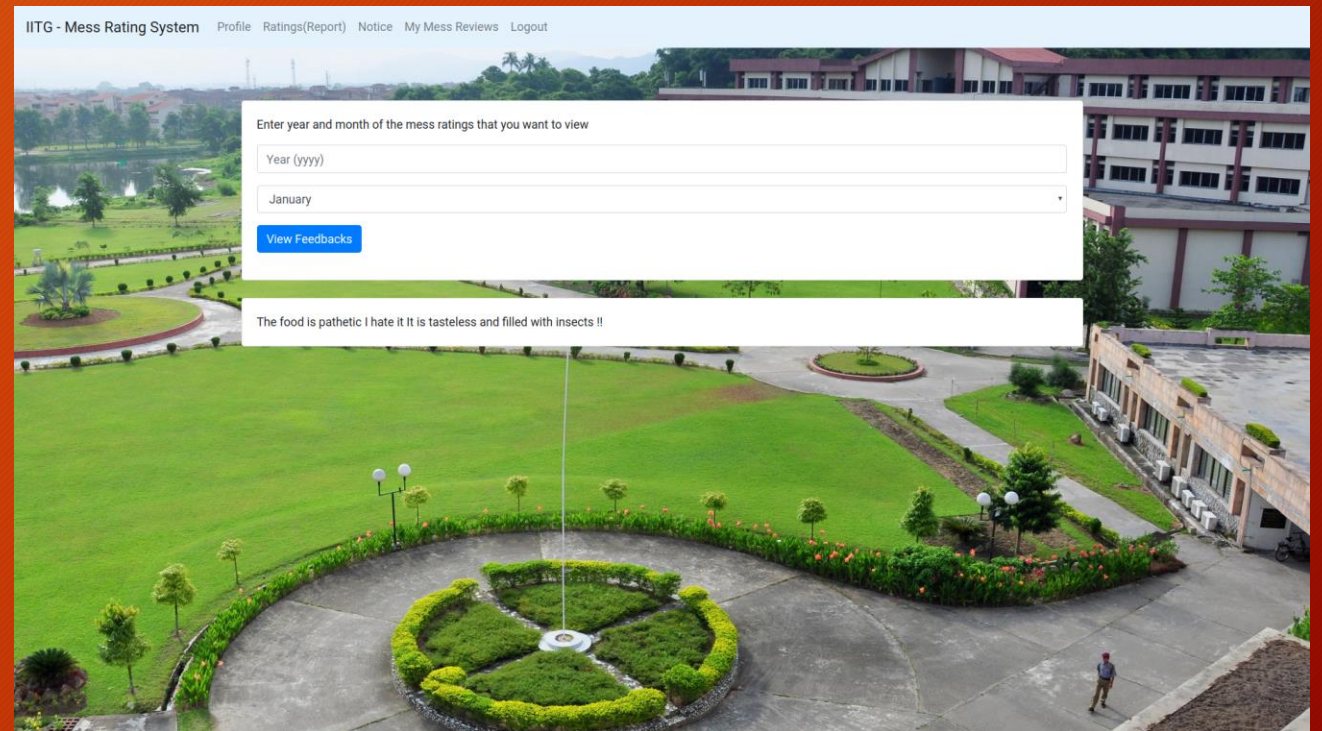
# Individual Mess Reviews + Notices



- 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.

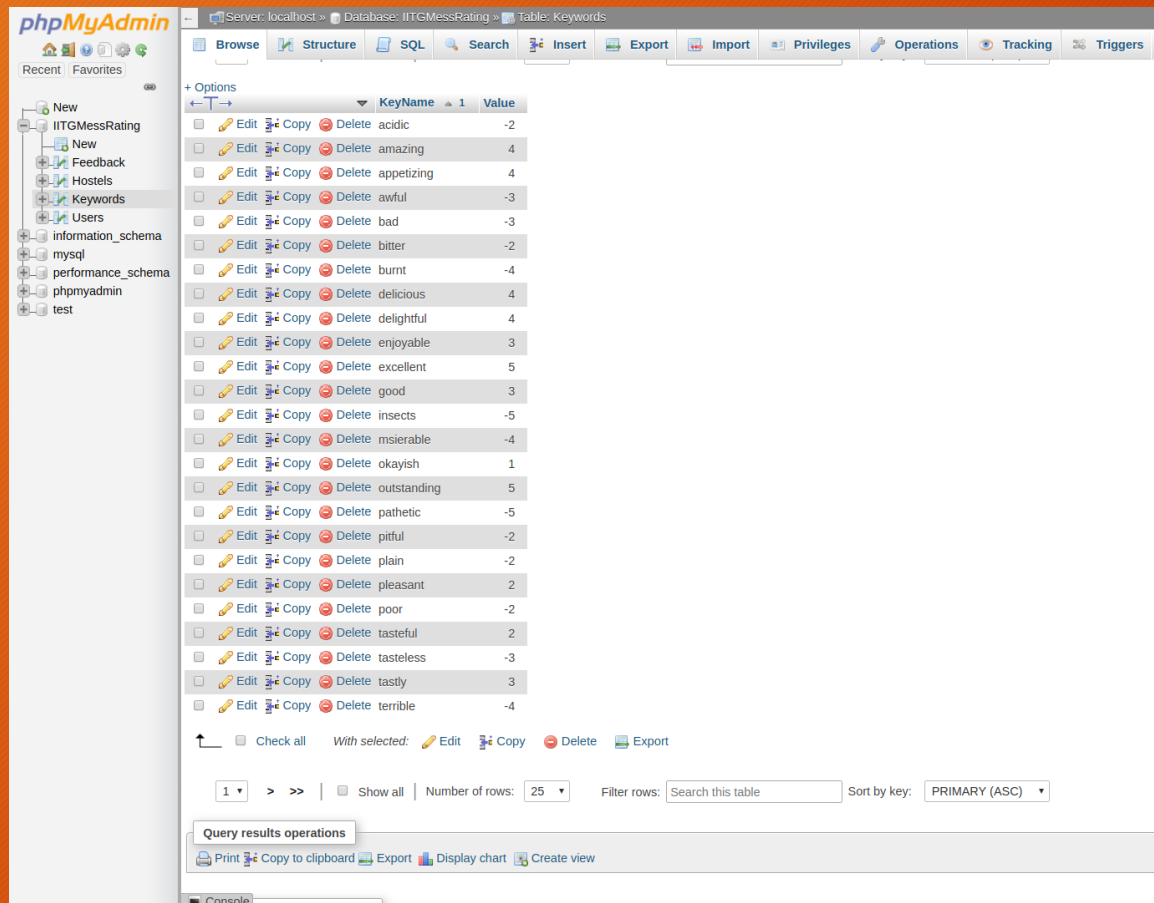
# View Student Reviews

- 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



Server: localhost > Database: IITGMessRating > Table: Keywords

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
tasty	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