# Mess Feedback System

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# 1  Description

Our project proposes a mess feedback system where both the parties, the mess managers and the students can use the system so as to collaborate to give and view feedback of the various activities related to mess management and thus eliminate the current physical register approach.

## 1.1  Entities:

**1. User :**

The user is the one who would be giving the feedback about various aspects of the mess like food quality,cleanliness etc.

**2. Mess Manager :**

The mess manager will be able to see all the reviews given between the selected dates and then can analyze the data for use so as to improve the negatives points presented by the users.

## 1.2  Modules:

**1. User Registration :**

New user can use this module to register where registration can be done by entering the new unused username,valid email,and a new password. If the username already exists user will be asked to enter a new username.

**2. User Login :**

Registered user can login using the username and password they have already

set up. If successful they will be redirected to feedback page or else a prompt will be given to them stating wrong login id's.

**3. Feedback Page :**

Once the user logs in successfully then they would be able to submit a feedback containing information about quality of food,cleanliness of utensils and so on along with the specific date.

**4. About Us :**

This is a static webpage showing information about the mess team and further such information.

**5. Contact Us :**

This is also a static webpage showing contact information like phone number and email of the mess.

# 2 Libraries and Functions used

1. DJango render for Rendering HTML pages

2. django.core.mail for sending mail for forgot password

3. def form function used for registering user and adding value to database

4. def forgot used for implementing forgot password functionality by sending user password in email

5. def verification used to verify login details while login and send error when user doesn't exist

6. def res used to take response from user and store it in database

7. def root feedback used by admin to check all responses given by users

# 3 Achievements

- Successful signup and login of a user.

- Successfully provide feedback to mess managers.

- Successfully storing and retrieve data from database.

- Users may be provided with a reset password link.

# 4 Possible Future Work

- Input sanitization to prevent SQL injection.

- Delete user data from DB

# 5 Compilation Instructions

1. python3 manage.py runserver

2. go to localhost(127.0.0.1:8000)/login on browser

# 6 Flow

Enter Login Details

Authenticated user

No

Register

Yes

Root User

Login

Normal User

Check Feedback

Give Response

LogOut