
USER MANUAL

for

MESS AUTOMATION SYSTEM

Prepared by:

Group 20

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Course: Database Management Systems

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1. About this Manual

1.1 Intended audience

This user manual aims to assist the end users of our application which are: Students using the mess and Mess Managers, who manage the mess activities. There are several features provided to both categories, and they also have different privilege levels. Eventhough the features provided in the application are pretty straight forward and intuitive, this manual will clear any spec of doubt remaining in the users, regarding the amazing features they can exercise on this application.

1.2 System Requirements

This application only needs some basic requirements to function.

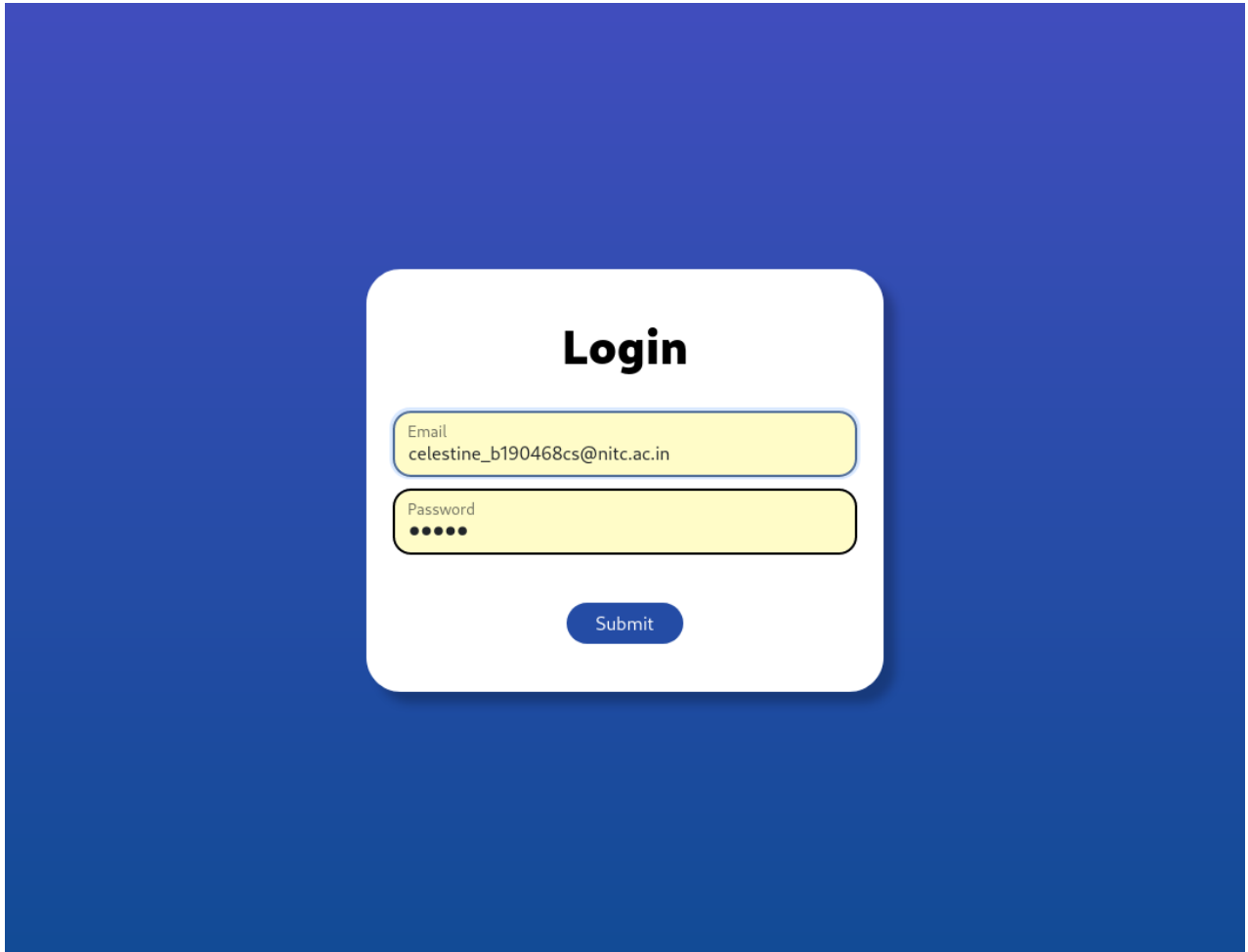
1. A laptop/computer/smartphone/ any gadget to use this application.
2. Decent internet connectivity
3. An internet browser

Users, be it the Mess Manager or students, have to initially log in using their registered Email and password. The system recognizes their roles as either the Mess Manager or student and provides separate relevant features for each of them, with varying permission levels. That's all you need, and you're good to go!

2. User guide for Students

2.1 View fee details

- 1) Log in using your email ID and password

A login form is centered on a blue gradient background. The form is a white rounded rectangle with a dark blue shadow. At the top of the form, the word "Login" is written in a bold, black, sans-serif font. Below the title, there are two input fields. The first field is labeled "Email" and contains the text "celestine_b190468cs@nitc.ac.in". The second field is labeled "Password" and contains five black dots. Below these fields is a blue rounded button with the word "Submit" in white text.

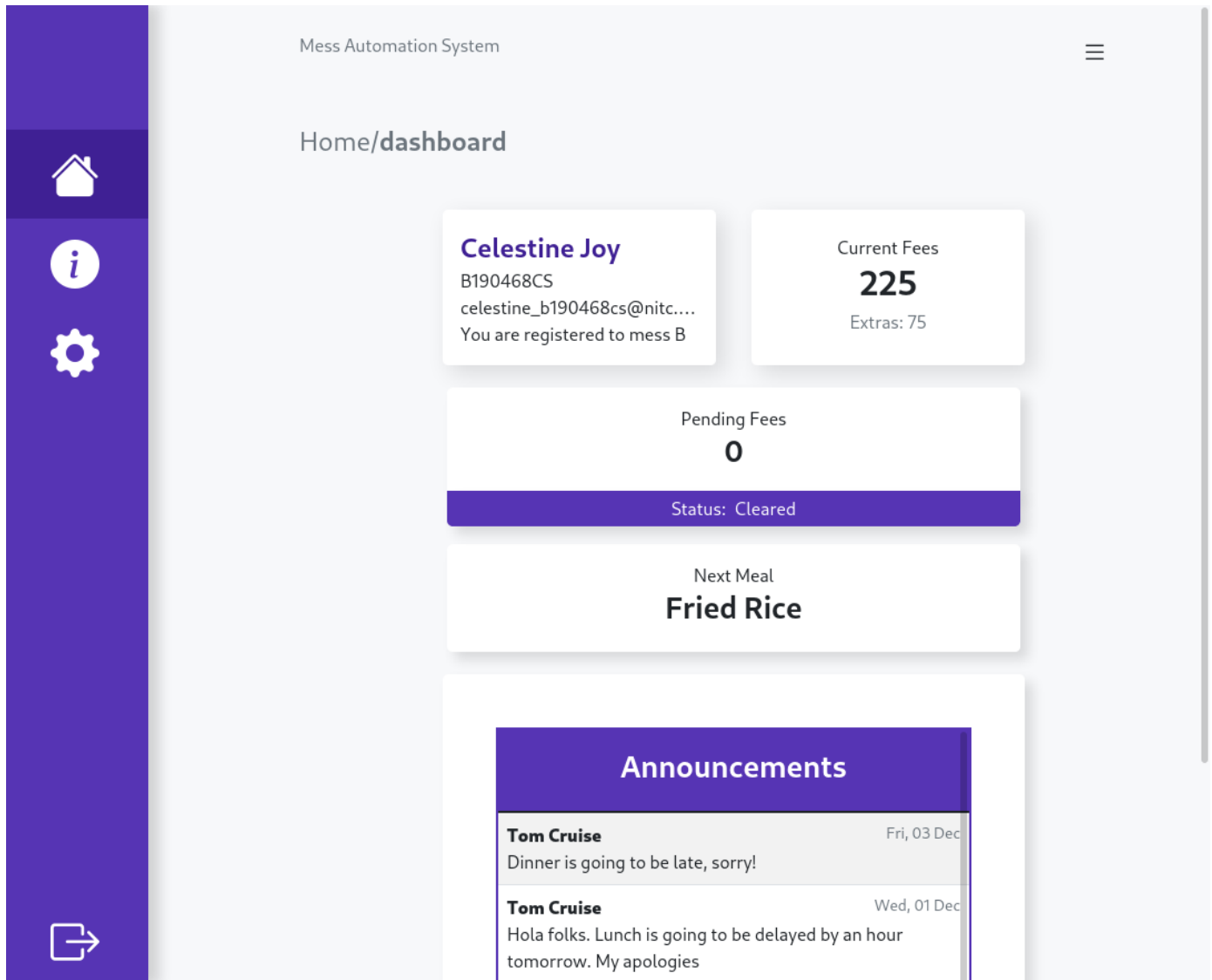
Login

Email
celestine_b190468cs@nitc.ac.in

Password
•••••

Submit

- 2) The first page that opens up will be the Dashboard. There, you can see two types of fees: Current fees and Pending Fees.



- 3) The 'Pending Fees' tells you how much fee you have to pay in the last month. That is your due fees and that is to be paid at the earliest.
- 4) However, the 'Current Fees' just indicates the fee you incurred in the current month, as of that day. Below that, you could also see the amount incurred for extras in the current month.

(NB: Both the Current Fees and Pending Fees takes into account the mess-leaves you have taken and the charges for extras you purchased.)

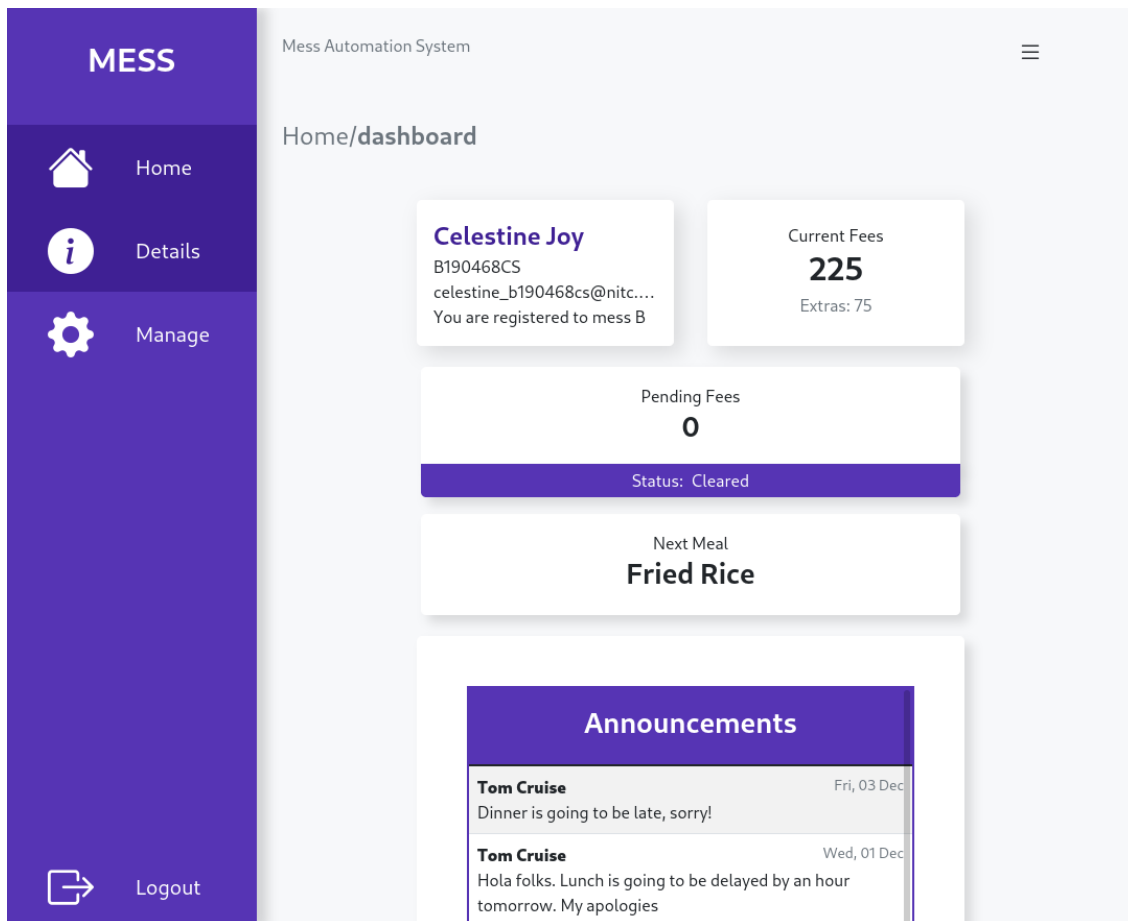
Additional Features on the Dashboard

- 1) You can view your name, roll number, and your **Registered Mess**.

- 2) You can view the announcements posted by the mess manager under the **'Announcements'** block.
- 3) You can also view the **Next meal** coming in your mess corresponding to either, breakfast, lunch or dinner.

2.2 View your Mess Menu

- 1) Hover your cursor over the blue column on the left side of the application to view the icon details.



- 2) Click the 'Details' icon.
- 3) Then, you'll be shown the mess menu of your hostel.

Mess Automation System

Home/details

Mess B

Day	Breakfast	Lunch	Dinner
Monday	Appam	Ghee rice	Kerala rice
Tuesday	Puttu	Chapathi	Porotta
Wednesday	Noolputtu	Fried rice	Masala Dosa
Thursday	Uppuma	Noodles	Pizza
Friday	Dosa	Chapathi	Pasta

Manager Details

Tom Cruise

tomcruise@nitc.ac.in

Rate Per Day

150

Leaves taken

0

Fees last calculated at:

Wed, 01 Dec 2021

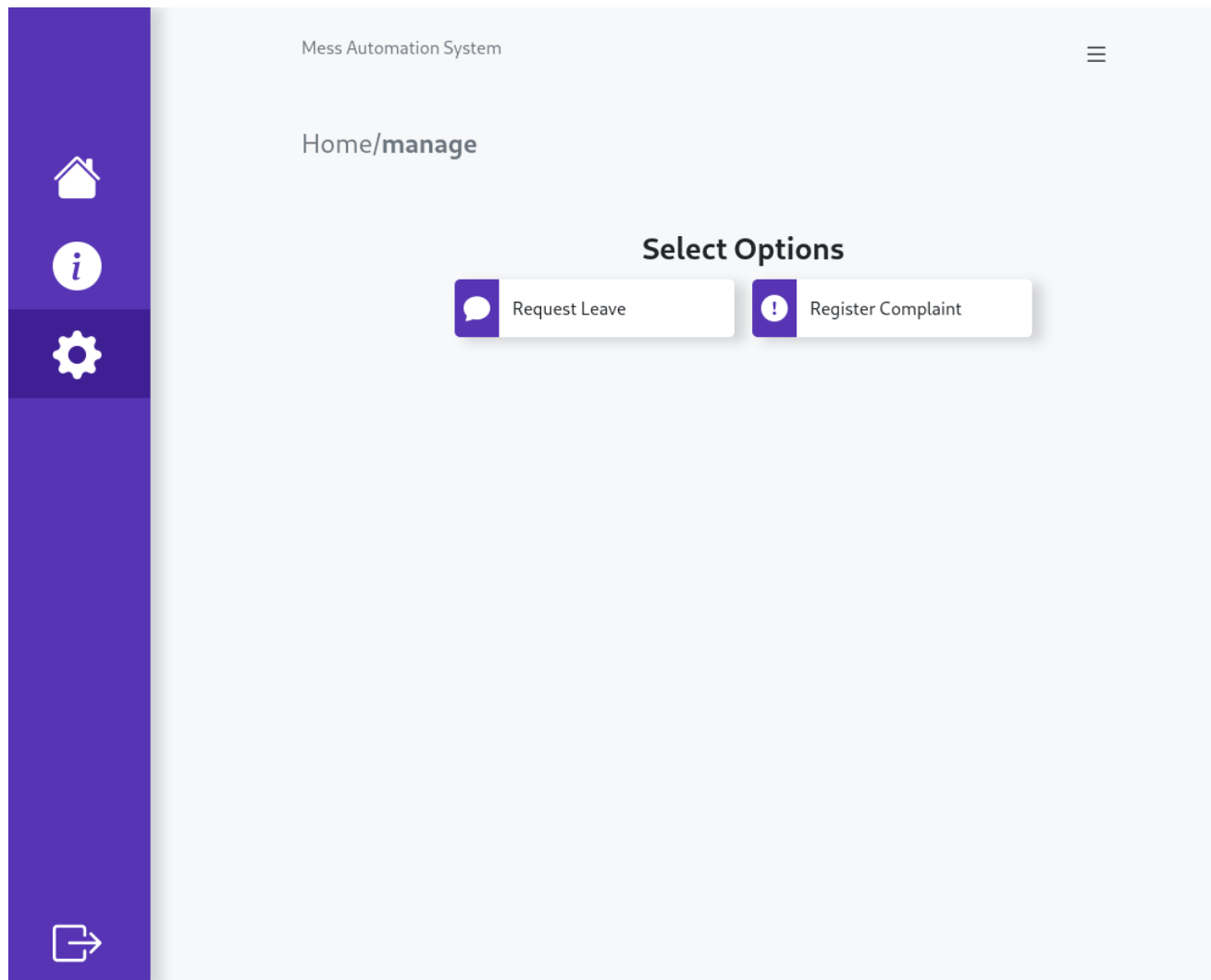
Additional Features in the Details Section

- 1) View your **Mess Manager's details**.
- 2) View your **mess fee rate** (rate per day).
- 3) View the number of mess-leaves you took.
- 4) View the Fees last calculated date. Your pending fees will be the fees till that date.

2.3 Apply for Leave Requests

- 1) Hover your mouse (or touch) over the blue column in the left side of the application and select '**Manage**'.

2) Then you will see the Manage page with two options.



3) Select the 'Request Leave' option.

4) Then, a pop up window to submit the necessary leave request details will come. Enter your leave starting and ending date. Also enter the reason for your leave. Then click submit.

The screenshot shows a web application titled "Mess Automation System" with a sidebar containing icons for home, information, and settings. The main content area is titled "Home/manage" and features a "Request Leave" modal form. The form includes two date input fields labeled "Starting Date:" and "End Date:", both with a placeholder "mm / dd / yyyy". Below these is a large text area labeled "Enter reason". At the bottom of the modal are two buttons: "Cancel" and "Submit".

2.4 Post mess complaints

- 1) On the same 'Manage' page as above, click the 'Register Complaint' option.
- 2) A pop up window to register the complaint will come.

The screenshot shows the same web application as the previous image, but with the "Register Complaint" modal form open. The form has a title "Register Complaint" and a large text area labeled "Describe the complaint". At the bottom of the modal are two buttons: "Cancel" and "Submit".

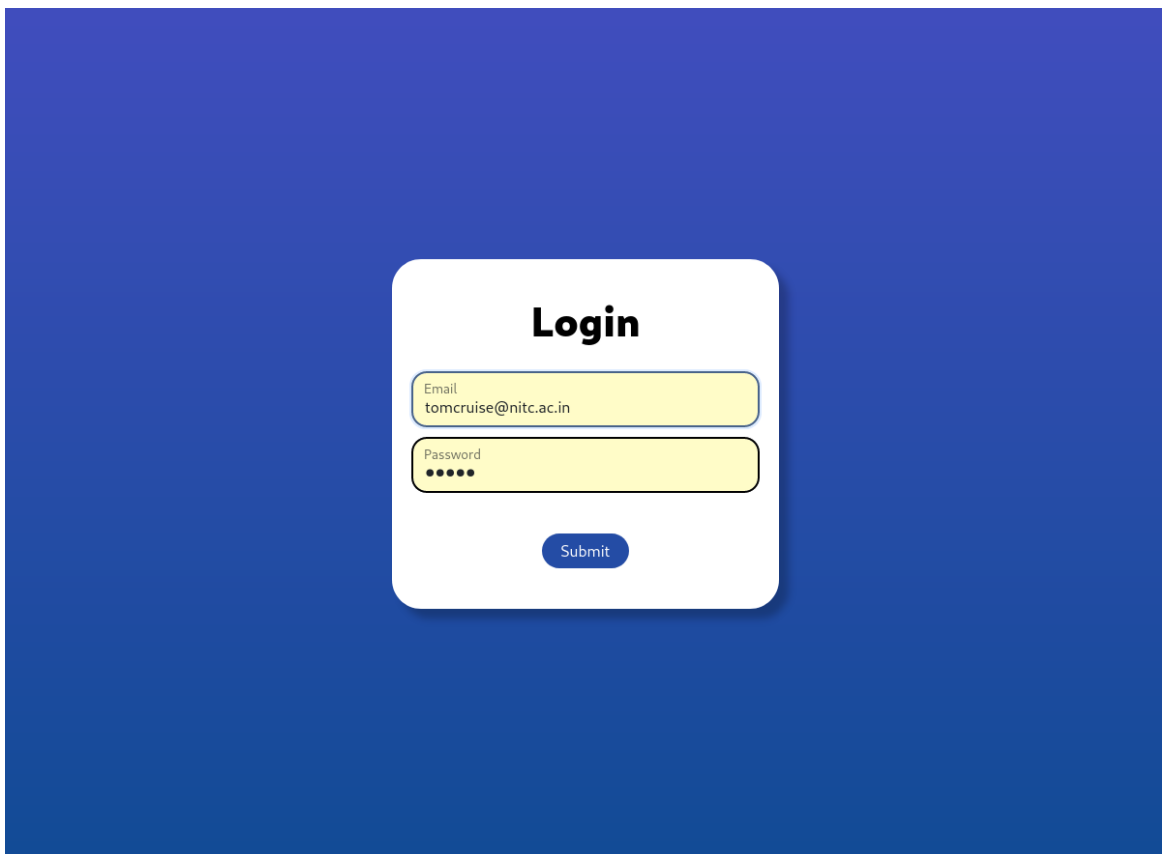
- 3) Enter your complaint and click 'Submit'.

3 User Guide for Mess Managers

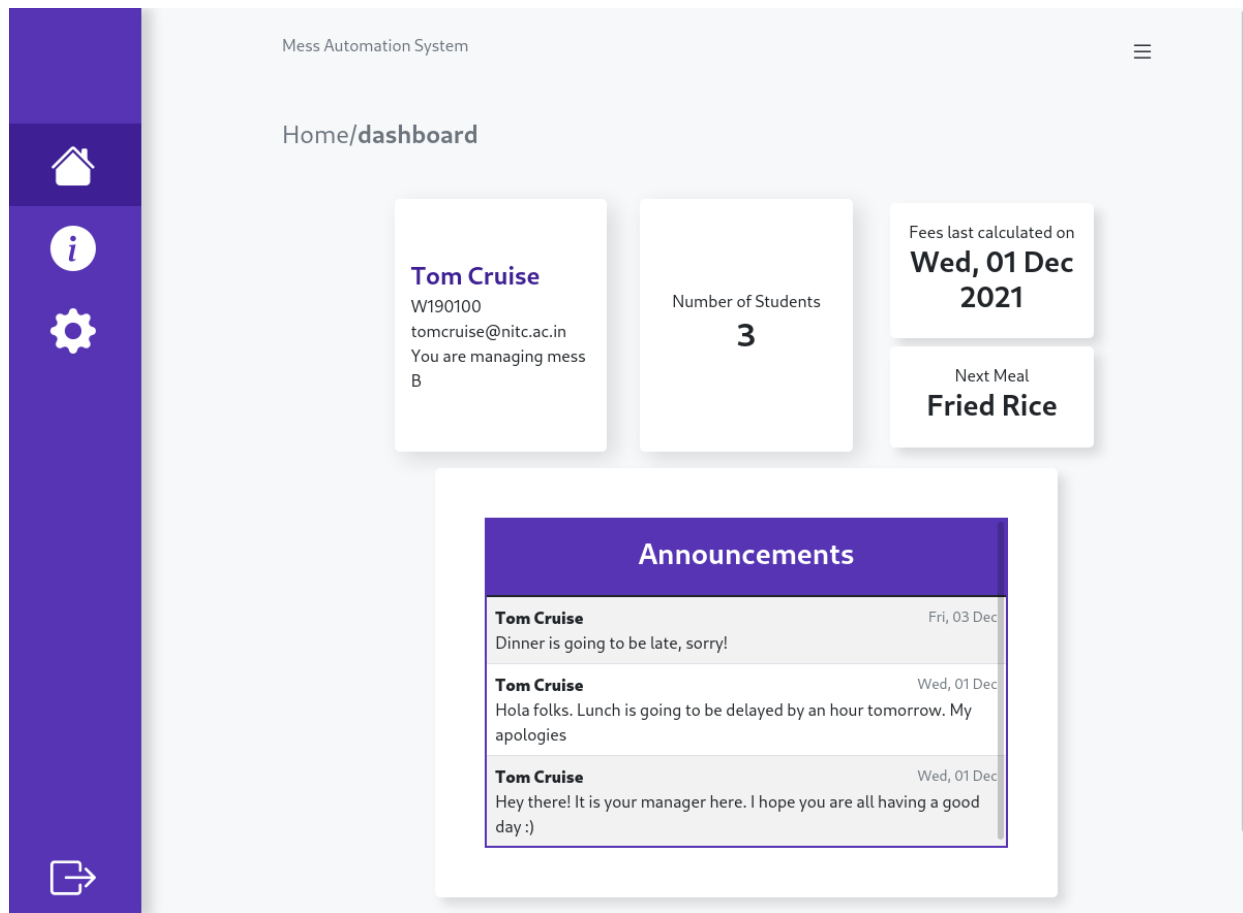
3.1 Approve/ Reject student leave requests

- 1) Login using your email and password. This is different from normal student credentials because you have higher privileges.

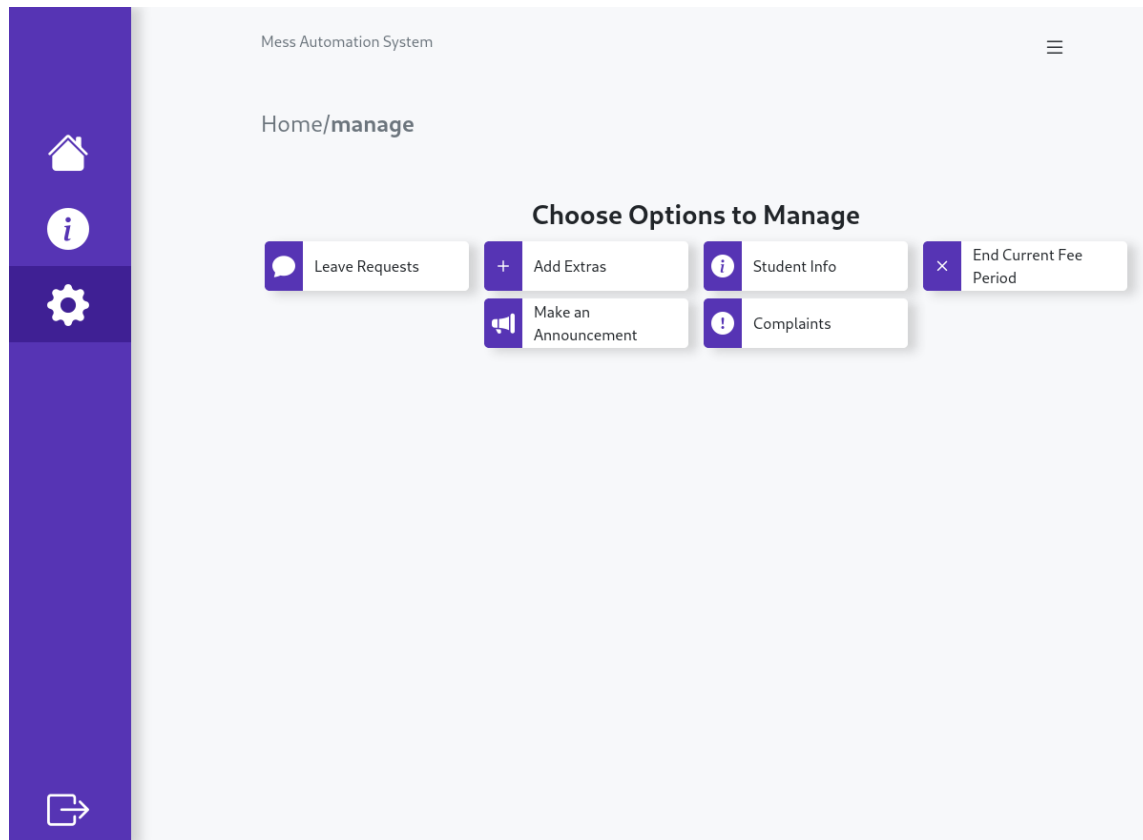
//Insert Manage Login Screenshot

A screenshot of a login interface. The background is a solid blue color. In the center, there is a white rounded rectangle with a subtle drop shadow. Inside this rectangle, the word "Login" is written in bold black text at the top. Below it are two yellow input fields with rounded corners and thin blue borders. The first field is labeled "Email" and contains the text "tomcruise@nitc.ac.in". The second field is labeled "Password" and contains six black dots. Below these fields is a blue button with rounded corners and the word "Submit" in white text.

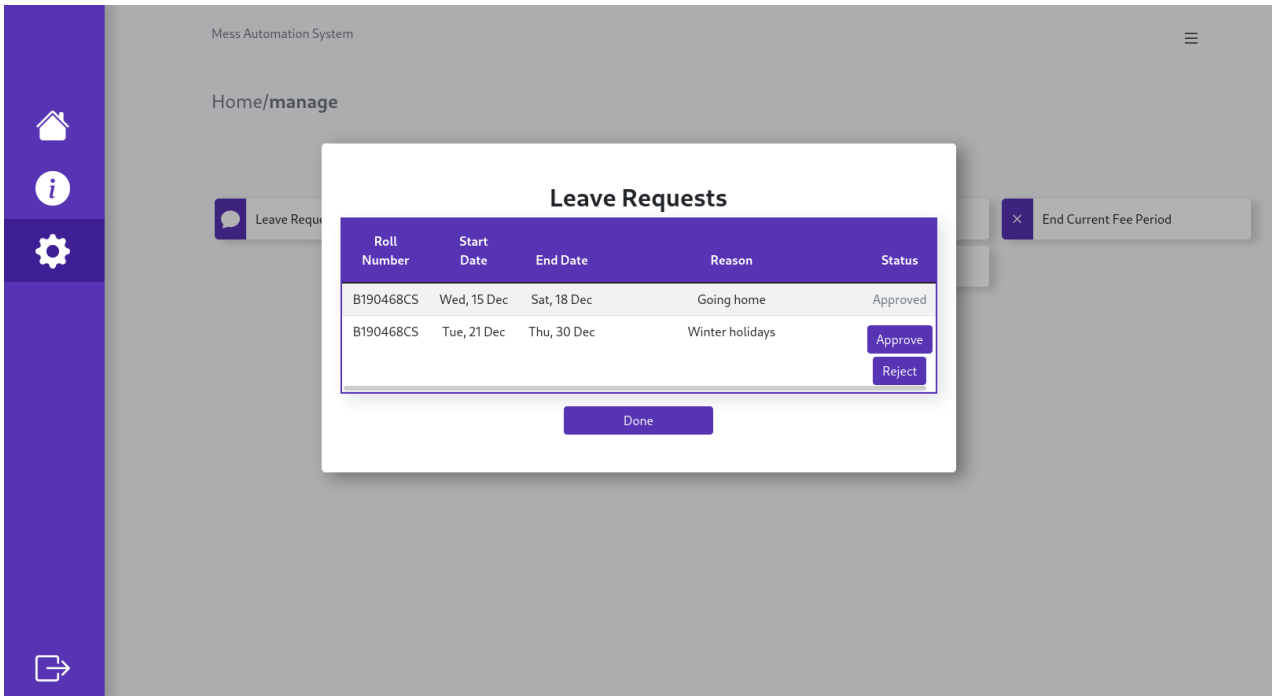
- 2) You can now view your 'Dashboard'.



3) Click the 'Manage' icon from the leftmost blue column.



- 4) Choose the 'Leave Request' option.
- 5) You can now view the leave request details of each student which are: student roll number, start date, end date, leave request reason



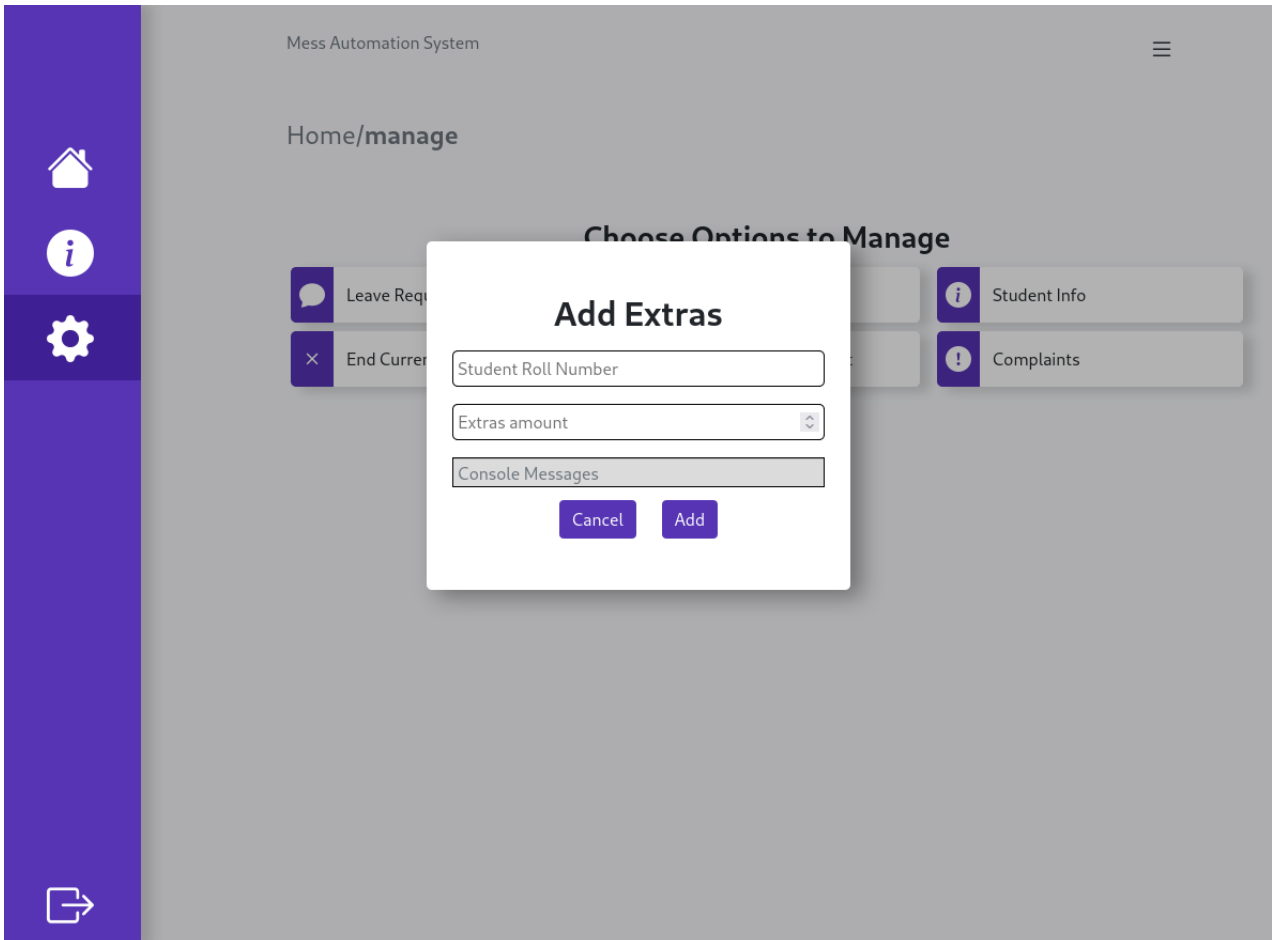
- 6) You can now either 'Approve' or 'Reject' a request under the status bar.

Additional Features in the Dashboard

- 1) View the name of the mess you are managing.
- 2) View the number of students registered in your mess.
- 3) View the last date on which you issued the previous bill.
- 4) View the next meal of your mess
- 5) View all the announcements you posted to the students.

3.2 Add student- extras charge

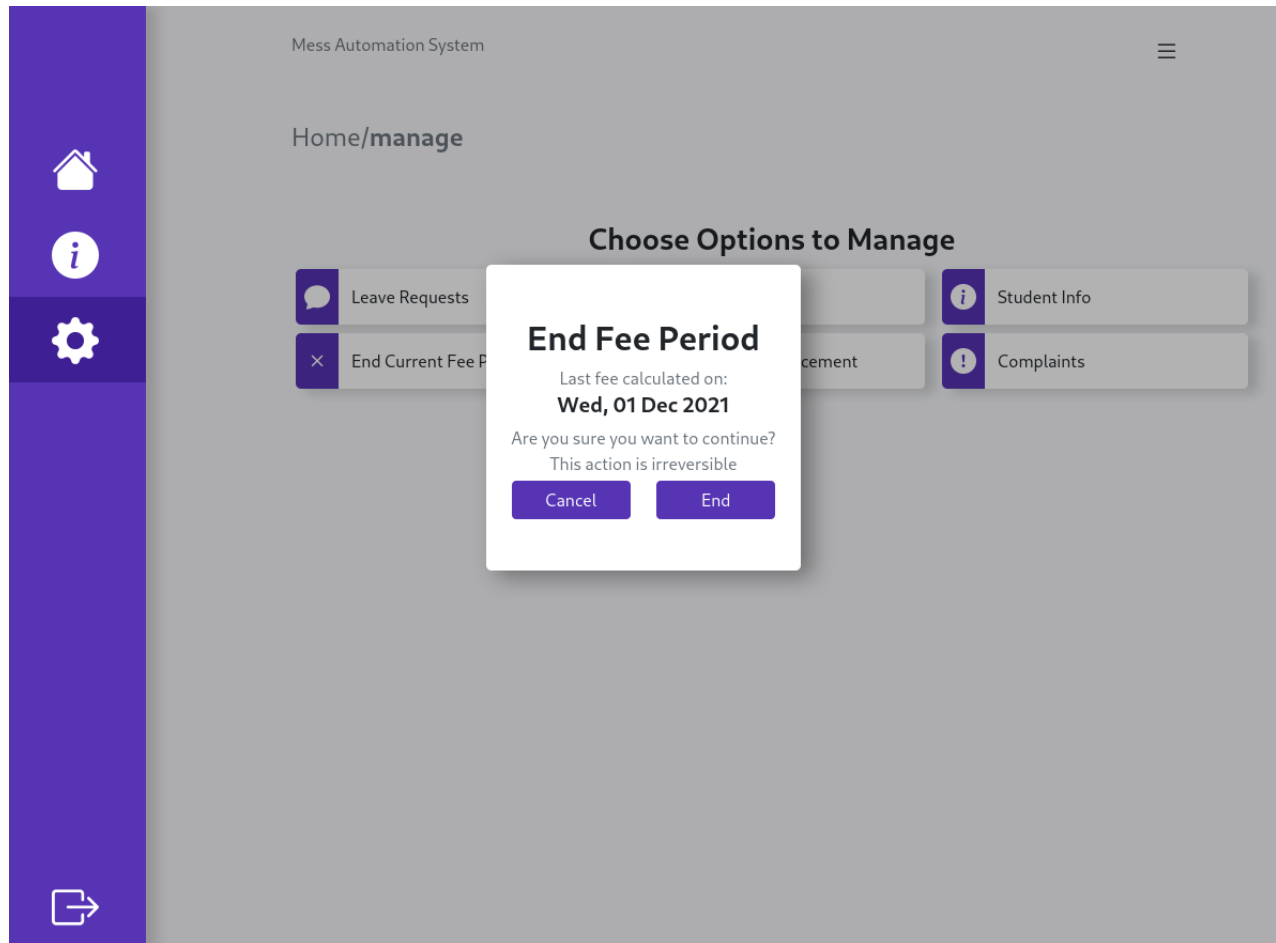
- 1) From the same 'Manage' page, click the 'Add Extras' option.
- 2) A pop up menu to enter the 'Extras' will now be available.



- 3) Enter the student roll number of your mess, the charge he/she incurred, and click add.

3.3 Issue Mess Bills

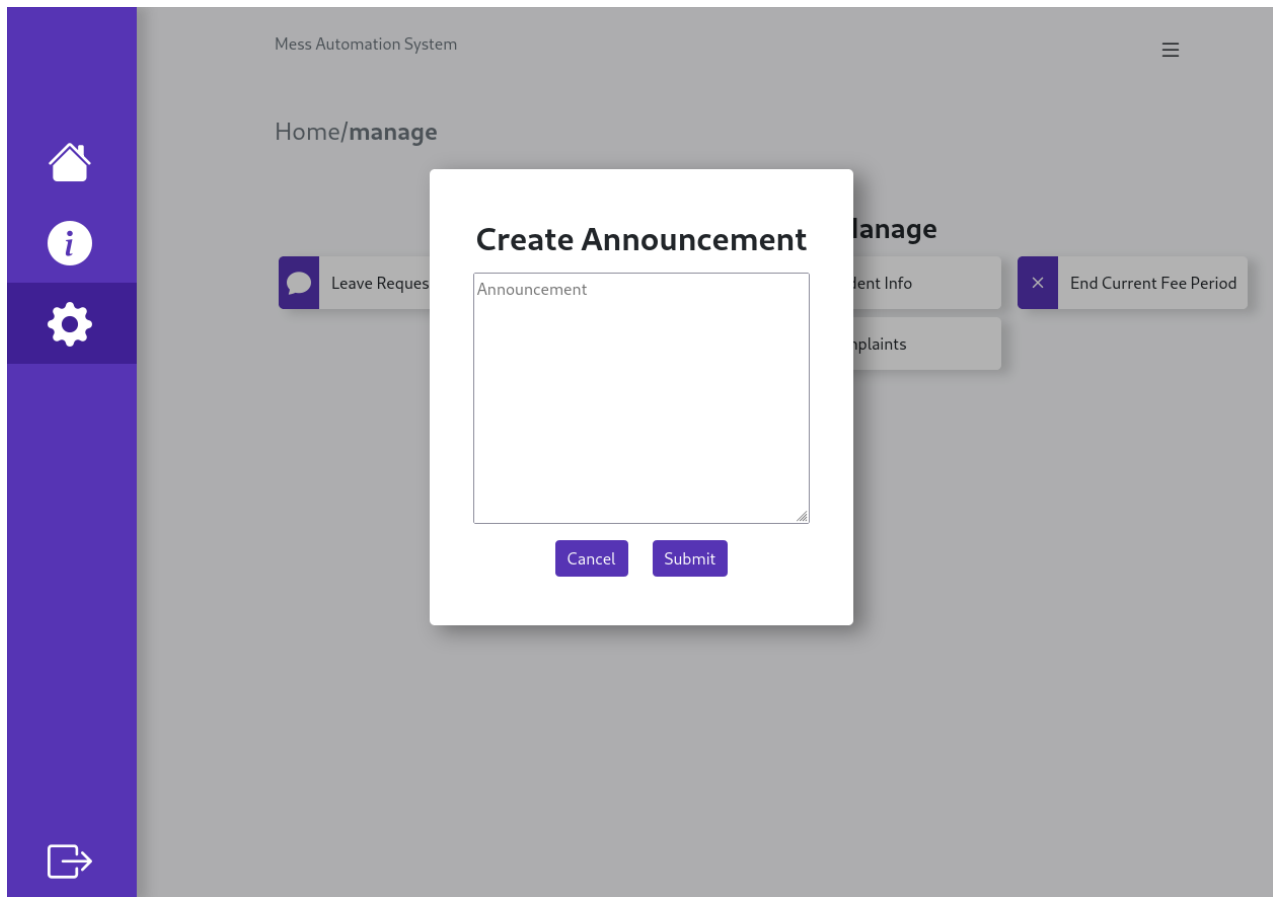
- 1) Select 'End the current Fee Period' option from the 'Manage' page.
- 2) You will now view a pop up menu which contains the date of issue of last mess bill



- 3) Click 'End' to issue the bill on the current date.

3.4 Make an announcement

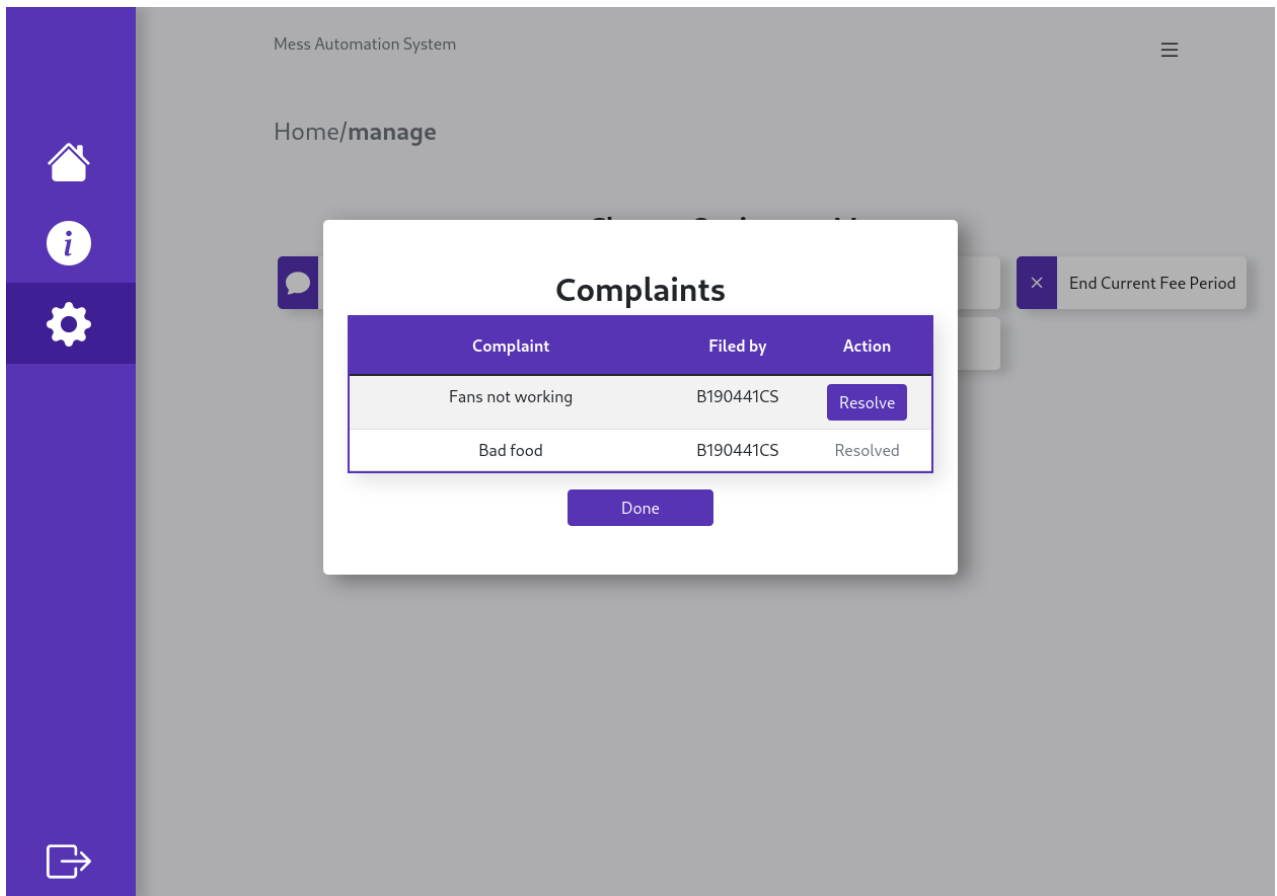
- 1) Select 'Make an announcement' option from the 'Manage' page.



- 2) You'll now see an announcement pop-up where you can enter the announcement you want to give to students of your mess.
- 3) Click on 'Submit' after you write the announcement.
- 4) You can now view the new announcement and the corresponding date in the 'Dashboard' page!

3.5 View student complaints

- 1) Select the 'Complaints' option from the 'Manage' page.



- 2) You can view the complaints filed, the roll number of the student who filed the complaint, along with an option to 'Resolve'.
- 3) Click 'Resolve' when the complaint has actually been resolved.

3.6 Edit Mess Menu

- 1) Click on the 'Menu' icon on the leftmost blue column. You will be directed to the 'Details' page.

Mess Automation System

Home/details

Mess B

Day	Breakfast	Lunch	Dinner
Monday	Appam	Ghee rice	Kerala rice
Tuesday	Puttu	Chapathi	Porotta
Wednesday	Noolputtu	Fried rice	Masala Dosa
Thursday	Uppuma	Noodles	Pizza
Friday	Dosa	Chapathi	Pasta

Pen icon for editing

- 2) You can now view the mess menu of your hostel.
- 3) Click on the pen icon which is on the bottom-right portion of the page. You can now edit the food item corresponding to breakfast, lunch, or dinner on any of the days.
- 4) Edit the required meal by clicking on it.
- 5) Click the tick button on the bottom-right, once you have made the sufficient changes.

