A Better Mess Portal
Scripting & Computer Environments - Project

Idea:

All of us have used mess portal. Well, it's kinda messed up (no pun intended). This project is an attempt to enhance the overall user experience of the current version.

Features Expected:

Refer to the current mess portal to gain insights about functionality of any feature. And the goal is to make it better. Here are the bare minimum requirements

- **User** Registration and Login :
    - Option to remember password.
- **Admin** Registration and Login :
    - One admin per mess.
    - Mess Admins should be able to login through their unique ids.
    - They should be able to change mess menu, view feedback and a dashboard with data visualizations, that can give overall summary about each mess.
- **A monthly-view** of mess registration.
    - It should show menu of a registered meal when hovered over a specific meal.
- **Registration** for a meal.
    - Date wise
    - Month wise
    - Day wise GUI Registration :

        For a given meal (breakfast/lunch/dinner/snacks) A page with table should be displayed with rows as day of the week and each column is a mess name. Entries in the table are respective menus. User clicks on the menu he wants to register.

For example, If user clicks on breakfast and for Thursday he selects on South Menu, he/she should be registered for breakfast in South Mess on that Thursday.

- ○ **Cancellation** of meal date wise.
    - ■ One can cancel meals only from next day. There's no limit on number of cancellations.
- ○ **View Bill** (with current prices) for
    - ■ Past week
    - ■ Past month
    - ■ Past semester
- ○ **A feedback form**. Should be able to attach pics.

Technologies:

- ● Front-End : HTML/CSS, Bootstrap, javascript/jQuery or any other front-end framework
- ● Database : SQLite
- ● Server Side : Python Flask

Note:

Bonus points for the creative ones. Layouts need not be exactly as specified. Improvisations to perform the intended actions are welcome. Come up with more features, Discuss among yourselves, Make it as easy to use as possible. Any creative ideas backed by reason are fairly rewarded.

All the best !