REPORT ON MESS MANAGEMENT WEB

Project Introduction:

Simple single platform for report generation of the daily basis and monthly basis report generating web platform covering all the Vignan group hostels of student's consumption. Using this web project, we can generate various reports regarding the consumption cost per student per meal on average basis and per student cost on overall day meal cost, per day overall meal cost of total students in each mess and per unit stock cost of all the items used in meal preparation, comparison of the average cost day by day report and monthly report.

Anatomy of project

1. Dashboard

- Total Expenditure
- Cost per student (with comparison of previous day data)
- Average cost per meal (with comparison of previous day data)
- Total cost overall students
- Previous day reports of above points
- Per meal nutrition chart (static need to be updated)

2. Reports

- Consumption

    Report generation for comparing cost by selecting items and over a range of time can be selected for each mess and can be selected various messes for comparison

    i. Ordinary

    Gives details of which food items in meal menu and items used in the preparation and cost of item per unit .

    ii. Date wise

    Overall items included in the meal per item cost each day and date wise.

    Item name-mess code-date cost-total cost

    iii. Detail

Detailed report generation of items used ,opening stock receiving stock, any transfers, closing stocks, consumption quantity, unit cost, grand total.

 iv. Others

  If any others like any function or guests consumption details.

 v. Total comparison

  This give overall comparison of all the messes per student cost per meal on date wise basis and total cost of preparation.

- Purchase

    Total quantity purchased on date wise per item per unit cost.

- Stock in hand

    Details of stock available, limit of stock required, expiry date of the stock.

- Menu

    Day wise menu of each meal and students count consumed.

- Transfers

    Any stock exchange between different messes that record will be generated along with cost of each unit.

- Extra expenses

    Expenses details of out siders like guests, parents.

3.Charts

- year wise, month wise, day wise charts report:

    each item selection for comparison on basis of cost per student, average cost, cost per month, quantity per month, quantity per student.

4.User accounts

- create user account
- delete user account

5. search

- using search option details generation

6.change mess

- option to change mess code

7.settings

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- option to change password of the current user

8.add

- create a new college
- create a new mess
- add any new item

9.contacts

- all mess in charges contact details page

10.feedback

1. compose
2. inbox(any messages from other mess administrators)
3. outbox(can send mail to other administrators)
4. notice(need to be updated)

Technologies used:

- JSP(Java Server Pages)
- HTML(Hyper Text Markup Language)
- CSS(Cascading Style Sheets)
- REMOTE SERVER

Future Scope :

- Enhancement of user interface and daily item based nutrition updating.
- Dynamic updation of student count basing on the IOT devices place at the entrance.
- Sending reports as pdf form.
- Better efficient charts generations

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