

Expense Tracker

Online Expense Management

Objective

Among the student circle, we have a number of people staying together in a hostel or PG or any kind of sharing accommodation. The purpose of this application is to meet with following objectives.

1. Group Operation
 - a. Helping a group or individual to maintain a track of their income.
 - b. Groups to manage their expense by dividing the expense among the group equally.
2. Monthly Calculations
 - a. Calculate the Income and Expense on monthly basis
3. Debits and Credits Management
 - a. Lend / Borrow money during emergency need
 - b. Fix a period for return
 - c. Keep track of all the Credits / Liabilities
4. Generate Reports
 - a. Income / Expense Reports
 - b. Report Type - Daily/Monthly

Users of the system

Multiple users shall operate this system.

1. Admin: Administration of the Users and Groups
2. Group Head: Manages the users of a particular group
3. Users: Members of the particular group, who can Add, Edit and View all their Income and Expense.

High Level Requirements

Registration

- There are three kinds of Users Admin, Group Head and Group Members
- Registration of Group Head has to be approved by Admin
- Registration of Members has to be approved by Group Heads
- Group ID will be provided, when the Group Head Registers
- This Group ID will be used by the Group members, while registering

Login

- Login by an Admin will take to the 'Admin Module' with entire functionalities enabled
- Login by a Group Head will take to the 'Group Management Module' with all functionalities to approve the users and enable or disable the members at any point of time.
- Login by member will take to 'Member Module' with all functionalities related to the members.

Admin

- Control all registration of group heads, Admin can approve or reject the Registration Requests. Also they can deactivate the members from the system at any point of time

Group Operation

- Record a Purchase Bill
- Data will be entered as per bill date
- Approval of Bill:
 - Get Poll (50% or more)
- After Approval reflect the amount to the accounts of all the group members
- Request for leave (duration in days)
- Special Billings. Exclude some members for particular expense item (eg. internet billing)

Monthly Calculation

- a. Total Group Expense
- b. Per Head Expense
- c. Amount contributed by each member
- d. Dues and Excess for each member
- e. Close the monthly account by the end of the month and Reflect or Carry forward the data to next month.

Debts and Credits Management

- a. Among the members Manage Liabilities and Credits.
- b. Approval has to be taken by peer member.

Generate Reports showing Debits and Credits of each member on their Dashboard.

Also once they click each peer member's account, they can see all the transaction details pertaining to that.