

M-Expense

Description

Often in a flat or PG shared by a group of friends or mates, someone pay for some expense and someone else pay some other time. This happens completely random and w.r.t. convenience. End of the month or some period they make sure that everyone pays back what they consumed and get back the money they spend for others.

M-Expense is an online system to manage expenses shared between a group of friends / flat mates, which shows the final distributed amount between them in a period of time.

Application

Develop an application which provides ways to enter the expenses shared by any user towards any number of the users in the group.

The application should:

- allow users to enter the expenses with the details of
payer
Amount
beneficiaries(may or may not include the payer)
- allow the users to see "who has to pay whom and how much amount in total" for a selected period of time.
- have a section where the users can see the recent expense entries.
- be designed for a minimum of 4 users.

Assumption:

- For any Expense, there will be only one payer.
- Payer can be one of the beneficiaries.
- Beneficiaries of an expense need NOT include all the members.

Requirements

- The application must be built from scratch without using any of the available PHP frameworks.
- Object Oriented PHP should be used.
- Implementation using MVC design pattern is a plus.
- Any database server can be used.

Note: The user interface needs to be just functional; look and feel is NOT a measurement criteria.