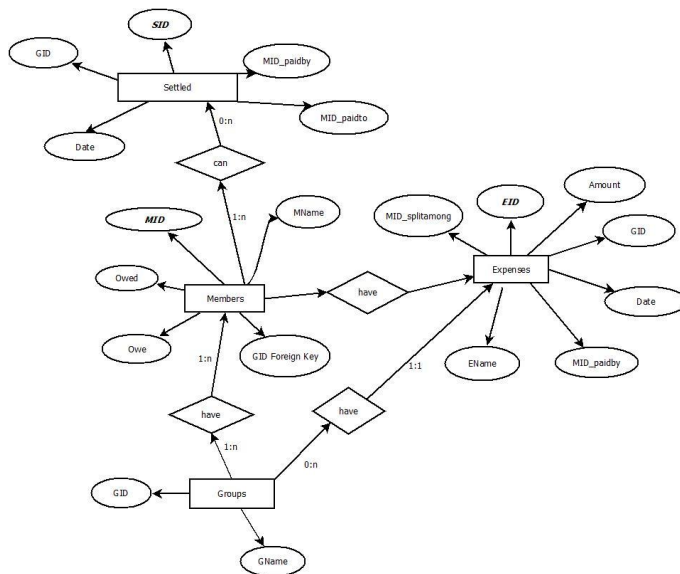


Split Expenses

Split Expenses application can be used to split expenses which are made in groups. Users can create their profile, add their group and list their expenses in groups. The application will split the expenses among the members involved in those expenses and will show the amounts the members owe to others or are owed from others. The expenses may involve all the members of the group or just a few from the group. A user can also search for groups that are already created and assign himself/herself to one of them. All the expenses must be listed with a date. Also, users can add settlements. They can pay a certain amount to other members which will decrease his/her owed amount to the members he/she paid to by that certain amount. The database of this application will be according to these entities and relations:

- Each group can have multiple members and each member could be in multiple groups.
- Each member has his/her owe and owed amounts.
- Every expense has paid amount, one paying member, the date and can have multiple members all from a single group.
- Every settlement must be made among two members of a group with the date of settlement.



User interactions

The user will be able to:

- Create a group
 - Add/Remove Members
 - Add/Remove Expenses
- Search for groups and themselves to one of them
- See only the expenses of the groups they are members of
- See only the owed amounts they are involved in
 - See the amounts they owe to other members of a group
 - See the amounts they are owed from other members of a group
- Make settlements only in the groups they are members of

