



Here is the general idea for this ER diagram. Our application is centered around making groups, adding group members, and each member eithe recieving a payment or making a payment.

1. A group that is created is made up of a unique group ID. Each group has a group name.
2. A group is made up of members. A member can belong to one and only one group but a group may contain many members. Each member has a unique ID, first name, last name, and a bank account number (for making payments)
3. Each member can **send** multiple payments. Each payment sent has a unique payment ID, payment name, and a payment type (venmo, cash app, etc). A payment can also be sent by multiple group members.
4. Each member can **recieve** multiple payments. Each payment recieved has a unique payment ID, payment name, and a payment type (venmo, cash app, etc). A payment can also be recieved from multiple group members