Entities

* Users
  + uID : bigserial - Unique ID belonging to an application user.
  + Name : varchar(42) - User’s full name.
    - uName : varchar(21) - User’s first name.
    - uLastName : varchar(21) - User’s last name.
  + e-mail : varchar() - User’s email.
  + password : varchar(42) - Stored password will be one-way encrypted beforehand.
  + phone number : phoneNum - User’s phone number.
* Messages
  + mID : bigserial - Unique ID for each message sent.
  + message : text - String holding the contents of the message.
  + sentBy : foreign key - Reference to User(uID). User that sent the message
  + timestamp : datetime - Date and time information for when message was sent.
* Chat Groups
  + gID : bigserial - Unique ID belonging to chat group.
  + gName : varchar(21) - Name of the group.
* Reactions
  + rID : bigserial - Unique ID belonging to a specific reaction.
  + uID : foreign key - Reference to Users(uID). User that reacted to a message.
  + mID : bigserial - Reference to Messages(mID). Message that was reacted to.
  + likeValue : int - Integer that represents a positive (+1) or negative (-1) reaction.
* Hashtags
  + htID : bigserial - Unique ID belonging to a tag phrase.
  + hashtag : varchar(21) - Text of the tag phrase.
  + mID : foreign key - Reference to Messages(mID). Message that contained hashtag.

Relationships

* Sends - One user can send multiple messages.
* Belongs To - One user can send to multiple chat groups.
  + gOwner : foreign key - Reference to User(uID). Owner of the group chat.
* Are Sent To - Many messages can be sent to multiple groups and one group can have multiple messages.
* Replies - More than one message can be a reply to one other message.
* Friends With - List of users (uID) belonging to other users that are in a user’s contact list.
* Contains - A message can contain various hashtags and a hashtag can be associated with many messages.