

Assuming the use of SQL Database, Schema design would be:

groups: This table would store information about each group, including the group name, a unique group ID, and the list of users who are members of the group.

users: This table would store information about each user, including their name, a unique user ID, and their contact information (phone number or email).

messages: This table would store information about each message, including the text of the message, the sender's user ID, the group ID of the group the message was sent to, and a timestamp for when the message was sent.

group_members: This table would store the relationship between groups and users, linking the user ID from the users table to the group ID from the groups table.