

Message Table: messages
id (PK)
text
timestamp
user_id (FK) users.id

Follows Table: follows
user_being_followed_id (FK) users.id
user_following_id (FK) users.id

User Table: users
id (PK)
email
username
header_image_url
bio
location
password

Likes Table: likes
id (PK)
user_id (FK) users.id
message_id (FK) messages.id

```

In User model:
messages = db.relationship("Message")
followers = db.relationship(
    "User",
    secondary="follows",
    primaryjoin=(Follows.user_being_followed_id == id),
    secondaryjoin=(Follows.user_following_id == id)
)
following = db.relationship(
    "User",
    secondary="follows",
    primaryjoin=(Follows.user_following_id == id),
    secondaryjoin=(Follows.user_being_followed_id == id)
)
likes = db.relationship('Message', secondary="likes")

```

```

In Messages model

user = db.relationship('User')

```

