Requirements
- contact information - delete chat for both users
- user id - delete group chat for 2 user
- logged in
- see previous messages
- message multiple people
- auto reconnect

Database

PK message id Cauto ascend
• from user (users table)
• to user (users table)

Pk contact id
• user nameID
• profile photo

PK · message id Cauto ascend)
· from user (users table)
· to user (users table)
· contact id
· chat id
· timestamp

Chatroom

PK · contact id
· timestamp

FK

Chatroom

Chatroom

Chat id
· created timestamp

classes

Message controllerics

Contacts.cs

chatroom.cs

group Chat.cs

behavior

User requests messages page

J. Message Controller.cs

User adds or selects a previously added contact

Contact object

Message Controller.cs

User joins chat room or creates group chat

J. chatroom.cs / group Chat.cs

User sends message

J. chatroom.cs / group Chat.cs

User receives message

J. chatroom.cs / group Chat.cs

User exits Chatroom

J. Message Controller.cs

User deletes chat

J. Message Controller.cs

User leaves messages page