

Stories: U010, U005, U009, U002
User
<u>Fields:</u>
Pfp: jpg
Username: String
Friends: User[]
Chats: chat[]
<u>Methods</u>
createChat()
leaveChat()
sendMessage()
joinChat()

ChatOptions
<u>Fields:</u>
chatList:
newChat: button
<u>Methods</u>
createNewChat()
goToChat()
Stories: U019, U010

Stories: U0017, U008,
FireBase
<u>Fields:</u>
Chats: firebase Collection
Users: firebase Collection
Chats: chat[]
<u>Methods</u>
Document.get()
Document.set()
Collection()
joinChat()

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Message
<u>Fields:</u>
Sent: date (String)
Text: String
Sender: User
<u>Methods</u>
Delete()
Edit()
Stories: U011

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Group Chat	
<u>Fields:</u>	
chatName: String	
Tags: String[]	
Members: User[]	
memberNum: long	
<u>Methods</u>	
deleteChat()	
searchFiles()	
createChat()	
Stories: U002, U006, U007, U003	

Direct Message Chat
<u>Fields:</u>
chatName: String
Tags: String[]
Members: User[2]
<u>Methods</u>
deleteChat()
searchFiles()
createChat()
Stories: U007, U003

Sidebar
<u>Fields:</u>
Profile: button
Settings: button
Chats: button
Friends: button
<u>Methods</u>
GotoProfile()
logout()
Stories: U015, U019

Chat (abstract class)
<u>Fields:</u>
chatName: String
Tags: String[]
Members: User[]
<u>Methods</u>
deleteChat()
searchFiles()
createChat()

Class Diagram