第 15 組

chatroom robot assistant

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動機與目的

我們想要知道平常使用的聊天軟體,是如何接收與發送訊息,也想知道 Client 和 Sever 是如何與資料庫互動。並在聊天室中模擬出一個機器人可以回答使用者簡單的問題。

Client 端介面



Nickname兩欄輸入帳號(左 邊)及密碼(右邊),輸入完成後 點Login登入,如失敗須重新 輸入正確帳密

在登錄成功後,可在此處輸 入新的密碼,並且點擊 update password 進行密碼更 新。

所有聊天群組裡的信息在這 個對話框中顯示。

在這個對話框中可輸入想發 送的內容,輸入完成後點擊 Send 發送。

Client 端功能

- 登入
- ■改密碼
- ■發送訊息
- 顯示其他 client 端的訊息

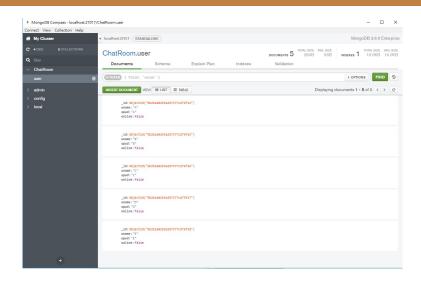
Server 端介面



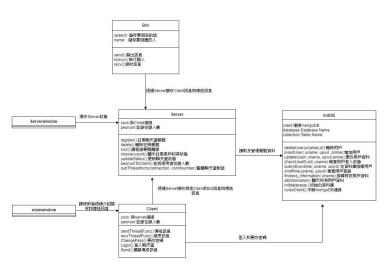
Server 端功能

- ■増加帳密
- ■刪除帳戶
- ■顯示用戶是否在線上
- ■處理 bot 天氣、匯率

$\mathsf{MongoDB}$



系統結構圖



實作方法

利用 Socket 通訊,開啟 Sever 後, Client 傳送訊息,再利用 Server 廣播給其他 Client, Client 登錄時,會傳送一個特殊碼給 Server, Server 就會計算在線人數,回傳給所有的 Client。

實作方法

偵測發送的訊息,判斷是否是給 bot 的指令,若是的話,則會利用 api 找到答案,並回傳給所有的 Client。

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DEMO

實際示範

Revision History

UI window	severUI
😾 raymondraccoon committed May 25, 2018	😾 raymondraccoon committed Jun 1, 201
Delete same value	add InitDB
Jerrying committed May 20, 2018	YEN-CHENG LIU committed Jun 1, 2018
Distinguish same nickname	add UI
Jerrying committed May 20, 2018	maymondraccoon committed Jun 1, 201
add client leave information	severui
YEN-CHENG LIU committed May 20, 2018	maymondraccoon committed Jun 1, 201
few bug fix	update UI object
YEN-CHENG LIU committed May 19, 2018	YEN-CHENG LIU committed Jun 1, 2018
system information for client into room	The message right have some problem
Jerrying committed May 19, 2018	Jerrying committed Jun 1, 2018
show the time	add UI and can normally execute
YEN-CHENG LIU committed May 19, 2018	YEN-CHENG LIU committed May 31, 20
Add some information showing function	
YEN-CHENG LIU committed May 19, 2018	
origin	
YEN-CHENG LIU committed May 19, 2018	

Initial commit

YEN-CHENG LIU committed May 19, 2018

Complete delete

complete mongodb function

Complete server ui show and not error

Jerrying committed 4 days ago	ddbb123 committed 3 days ago
show all registers	Merge branch 'master' of https://github.com/c794613852/YZU-OPS-Chat Room
Jenying committed 4 days ago	▼YEN-CHENG LIU committed 3 days ago
ix some bugs	fixed some bug
Jerrying committed 5 days ago	YEN-CHENG LIU committed 3 days ago
Complete same user's name have same time online problem	add file
Remying committed 5 days ago	™ raymondraccoon committed 3 days ago
levert "Merge branch 'master' of https://github.com/c794613852/VZU-OPS-Chat_Ro	Fix some bugs
Remying committed 5 days ago	Renying committed 3 days ago
Merge branch 'master' of https://github.com/c794613852/YZU-OPS-Chat_Room	fixed some bug and modify font size and color
Jerrying committed 5 days ago	YEN-CHENG LIU committed 3 days ago
ix bugs of people number and simplify the code	add kick into delete
YEN-CHENG LIU committed 5 days ago	☑ YEN-CHENG LIU committed 3 days ago
levert "Merge branch 'master' of https://github.com/c794613852/YZU-OPS-Chat_Ro	complete kick function
Jerrying committed 6 days ago	YEN-CHENG LIU committed 3 days ago
Merge branch 'master' of https://github.com/c794613852/YZU-OPS-Chat_Room	add pdf file
Remying committed 6 days ago	↑ Izz773751548 committed 2 minutes ago
Complete online people number , but it has some bugs	some function add
Jerrying committed 6 days ago	ddbb123 committed 6 hours ago
inalproject file	ppt update
₹ raymondraccoon committed 6 days ago	₩ raymondraccoon committed 9 hours ago
Delete finalproject	Merge branch 'master' of https://github.com/c794613852/YZU-OPS-Chat_Room
raymondraccoon committed 7 days ago	😾 raymondraccoon committed a day ago
Create finalproject	ppt update
raymondraccoon committed 7 days ago	😾 raymondraccoon committed a day ago
Complete register function	change UI color
Jerrying committed 7 days ago	YEN-CHENG LIU committed 2 days ago
ogin and change password according to database	Fix parameter for searching weather location
YEN-CHENG LIU committed 7 days ago	Renying committed 2 days ago
lient.py can use InitDB's class method	try different color set
YEN-CHENG LIU committed Jun 14, 2018	YEN-CHENG LIU committed 2 days ago

bot testing

back before Bot add

bot in server and weather added ddbb123 committed 3 days ago

Bot online but some problem ddbb123 committed 3 days ago