User guide of messenger_simulator application

Introduction to program's functionality:

This program creates and environment for the user to communicate with each other

Menu: User may login to his account or create one if he does not have

```
------------- Welcome to messenger Application -------------
1.login to your account
2.Add new account
0.To exit the program
|
```

Add new account: User should enter a unique username ,password and nickname for his account.

```
Enter a username:User

Enter a password:Mypassword

Enter a nickname:User|
```

Login: User have to enter his account username and password correctly to enter his account

```
                    Please enter your information
------Username:User

------Password:Mypassword|
```

Dashboard: Once user has entered their account they may see their inbox(Messages received) and they can send message to other users

```
-------- Welcome User --------


***Inbox***
---2023-05-19.23:57:14  Zoli:Welcome to messenger application!

                        Total of 1 messages founded !
1.Send message to a user
0.exit

```

Send message: In this section user can choose a user to send a message to

```
                List of all available users choose one to send message to !
0.moeinshahi
1.Ahmad
2.mmd
3.Zoli
4.Kabir
5.abdolah
6.jafar
7.Karn
8.User
4

Write your message:Hi Kabir,I am new User !

Message sent to Kabir Successfully
```

Note: Users can not send message to themselves

```
                List of all available users choose one to send message to !
0.moeinshahi
1.Ahmad
2.mmd
3.Zoli
4.Kabir
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7.Karn
8.User
8

Can't send message to yourself !        Please try again
```

Secret feature: If the user enter "admin" as username and password he can see all the data available on database such as all the logs and accounts information

```
                     Please enter your information
------Username:admin

------Password:admin
```

```
----Logs----
2023-05-15.00:50:21 moeinshahi moeinshahi kimimk

2023-05-15.00:55:24 moeinshahi abdolah slm malihe

2023-05-16.20:58:44 moeinshahi abdolah omeqwmeq

2023-05-16.22:03:57 Kabir moeinshahi hi moein

2023-05-16.22:05:33 moeinshahi Kabir Hi Kabir how are your doing ?

2023-05-16.22:06:16 Kabir moeinshahi I am good thanks !

2023-05-16.22:41:37 moeinshahi Kabir Hi Kabir

2023-05-17.17:18:58 moeinshahi mmd hi

2023-05-19.23:40:01 Karn moeinshahi Hi

2023-05-19.23:57:14 Zoli User Welcome to messenger application!

2023-05-20.00:17:14 User Kabir Hi Kabir,I am new User !
```

```
----Accounts----
moeinshahi op2021 Moee

Ahmad Zoghi Ahmad

mmd javadi mmd

Zoli Zoli2021 Zoe

Kabir Kabir001 Kab

abdolah jafari1 abdol

jafar tajareh hi

Karn Karn0012 Kar

User Mypassword User
```