# Doudizhu Game

Doudizhu program with three players one suit cards

## Development Environment

Windows 10
Matlab 2019a
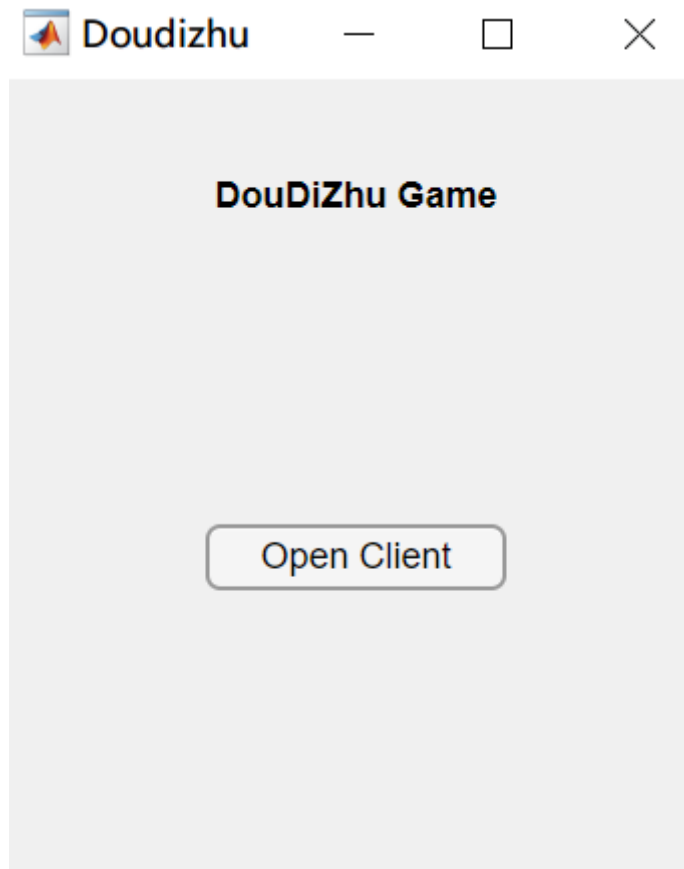Matlab App designer for 2019a

# How to start

## Start a Client

1. Double click start.mlapp or enter start.mlapp in matlab comment line. A window


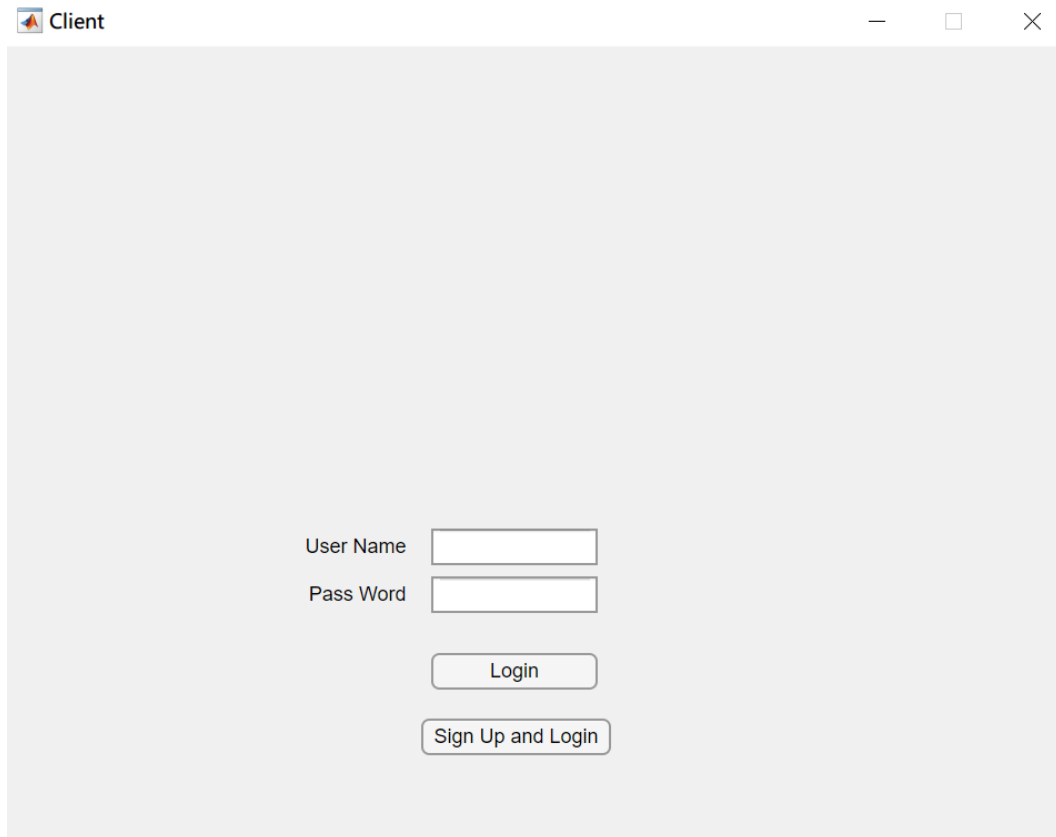
appears as follows,

2. Push the button Open Client in the window to open a client.

3. Open two more clients as step 2.

# Enter a Room

1. After openning a client, a client window appears.
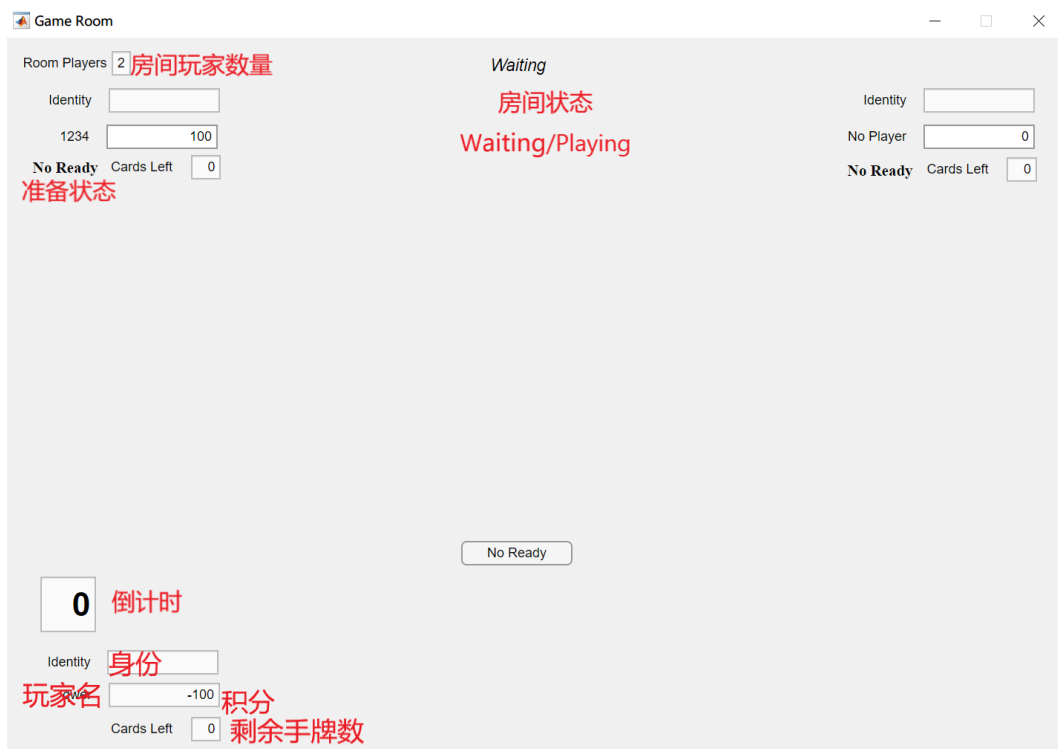


1.1 if you have signed up, type your username and password in type windows and click login .

1.2 if you have no account, type the username and password you want in the type windows and click sign up and login .

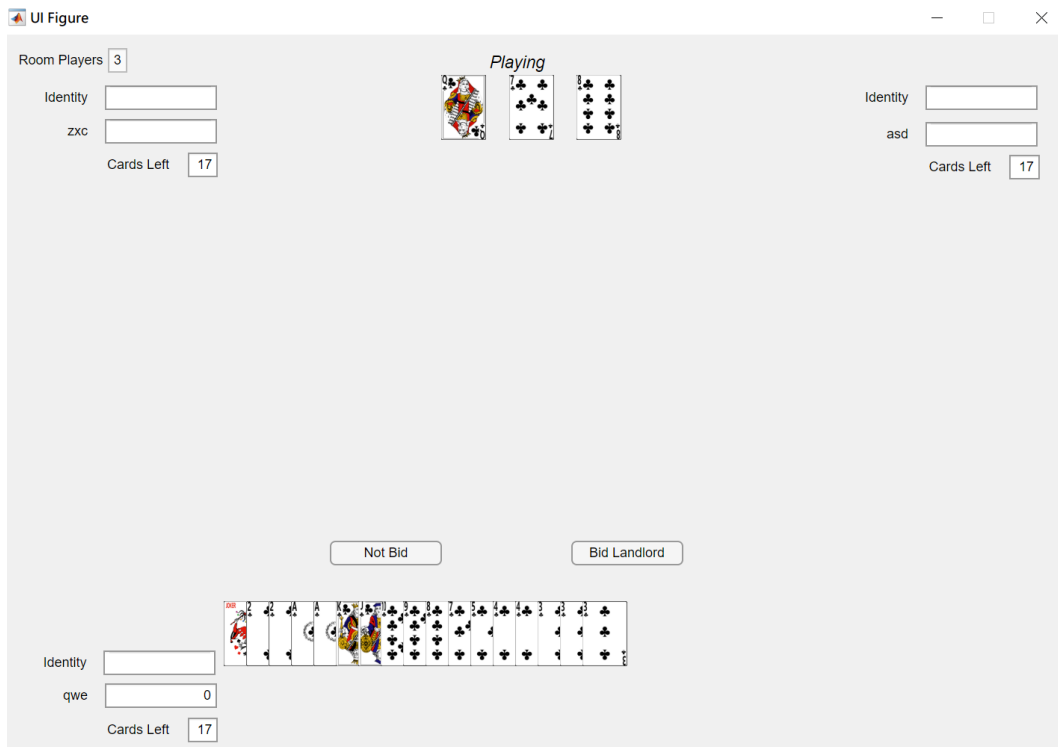2. Then you enter a game room, a new GUI window appears.

## Ready/Unready when waitting in room

1. Click the ready button to change your ready status. Click no ready to ready or click ready to unready. 'Wait for 3 players enter the room and all players ready. Game start.

**Room Players** 2 房间玩家数量

Identity

1234    100

No Ready    Cards Left    0

准备状态

*Waiting*

房间状态

Waiting/Playing

Identity

No Player    0

No Ready    Cards Left    0

No Ready

**0** 倒计时
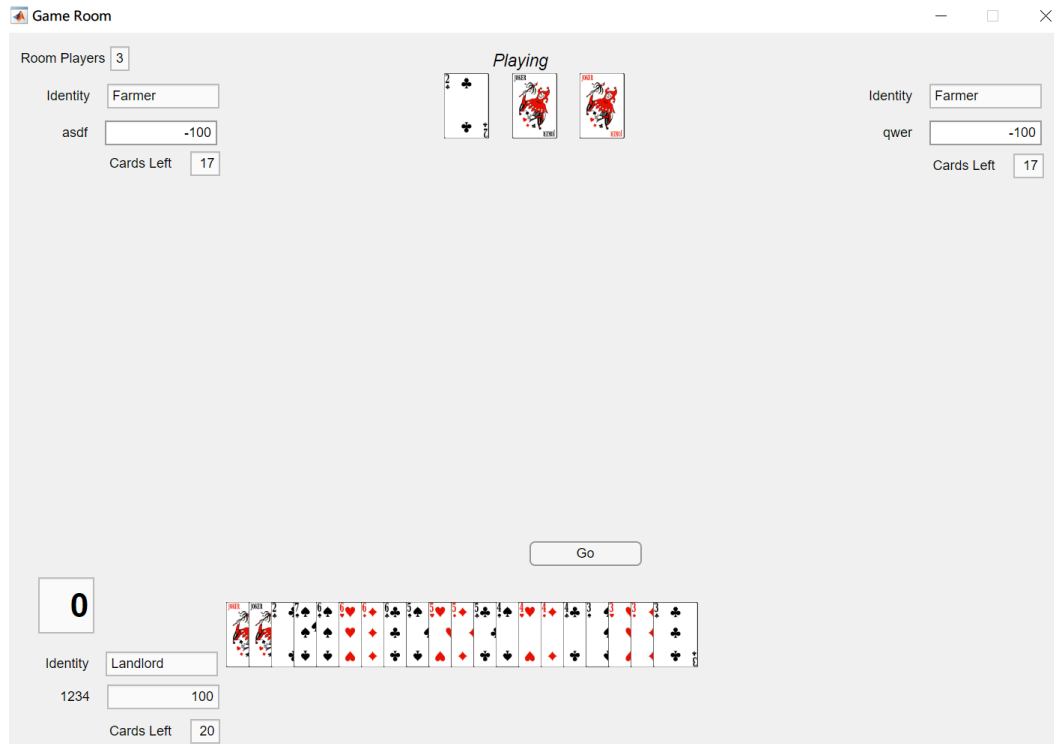
Identity    身份

玩家名    -100 积分

Cards Left    0 剩余手牌数

# Bid Landlord when gama start

1. First you get 17 cards and two botton, one bid landlord button and another not bit landlord button. Click one of them.
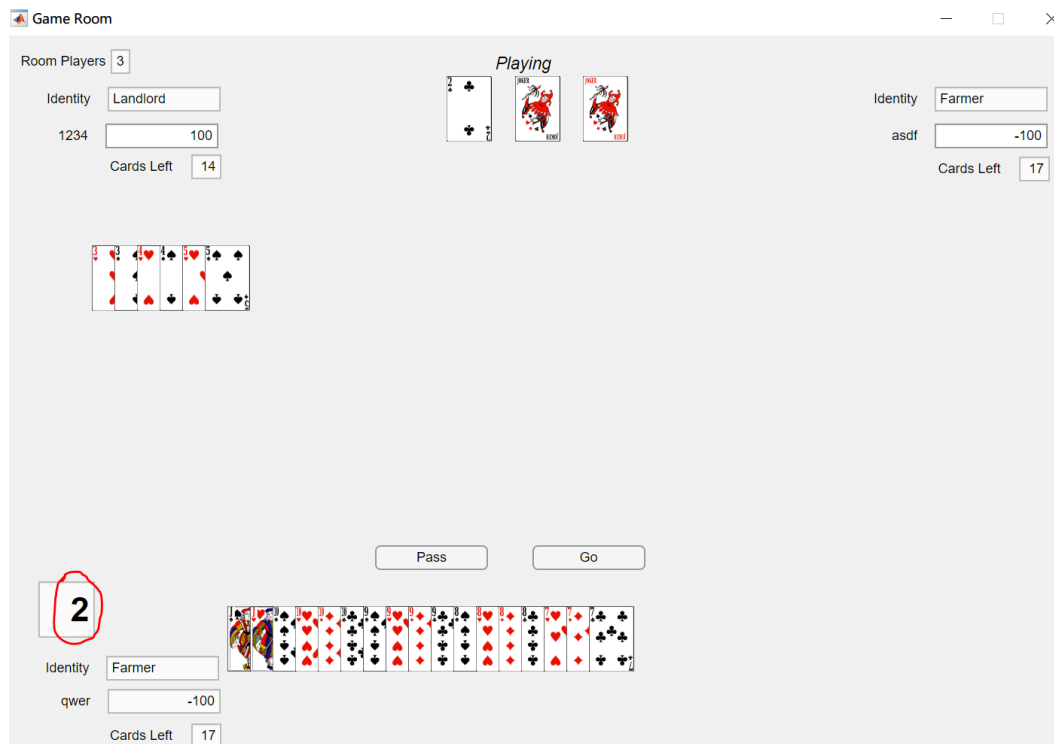


Room Players 3

Identity

zxc

Cards Left    17

*Playing*

Identity

asd

Cards Left    17

Not Bid        Bid Landlord

Identity

qwe    0

Cards Left    17

# Play

1. The landlord gets three more cards. And he play cards first.



2. A guider helps you play cards. Also if your play unmatched cards, a notify window appears. If you do not play for some seconds, you auto pass this play round when timer value is 0.



3. When one player has no hand cards, he wins. A result status 'You lose' or "You Win!" shows for you. Then click the button 'Game Over' to go into room Waitting status.

4. For each game, if you lose it, your get -100 points. if you win, you get 100 points.

# Remark

Support exactly 1 room now. That is to say only support 3 players to play a game.