



GREENJOY 衡泰信
1 : 1 : 1 Redefining Golf Simulator

User Mannual of City Golf

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Product Configuration 01



Hardware system:

- ① GDS sensor
- ② Computer

Software system:

GREENJOY software system

Golf courses (5 18-hole courses)

02 Connect the GDS sensor



Two ways to connect the GDS sensor.

1. The computer has two internet access. One connect outer network, the other connect GDS sensor. (The default IP of GDS sensor is 192.168.1.147);

Change the access with GDS sensor's IP to 192.168.1.xxx;

Power the GDS sensor;

Run CMD on the homepage, type 'ping 192.168.1.147' and check if the GDS sensor is success connected.

```

C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.985]
(c) Microsoft Corporation. All rights reserved.

C:\>ping 192.168.1.147

Pinging 192.168.1.147 with 32 bytes of data:
Reply from 192.168.1.147 : bytes=32 time=19ms TTL=53
Reply from 192.168.1.147 : bytes=32 time=19ms TTL=53
Reply from 192.168.1.147 : bytes=32 time=20ms TTL=53
Reply from 192.168.1.147 : bytes=32 time=19ms TTL=53

Ping statistics for 192.168.1.147 :
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli seconds:
        Minimum = 19ms, Maximum = 20ms, Average = 19ms

C:\>

```

If the communication run normally as the picture above, means successfully connected. Otherwise the IP address of the computer access with the GDS sensor should be modified.

2. Connect the computer and the GDS sensor to one router;

Set the default IP address of the router as 192.168.1.xxx;

Check if the GDS sensor is connected with above method;

If the sensor is not connected, modify the router's IP address and try again.

Install the simulator 03

1. Download GreenJoyInstall.exe from the Greenjoy official website.
http://www.golffonline.com.cn/support/index_20.aspx

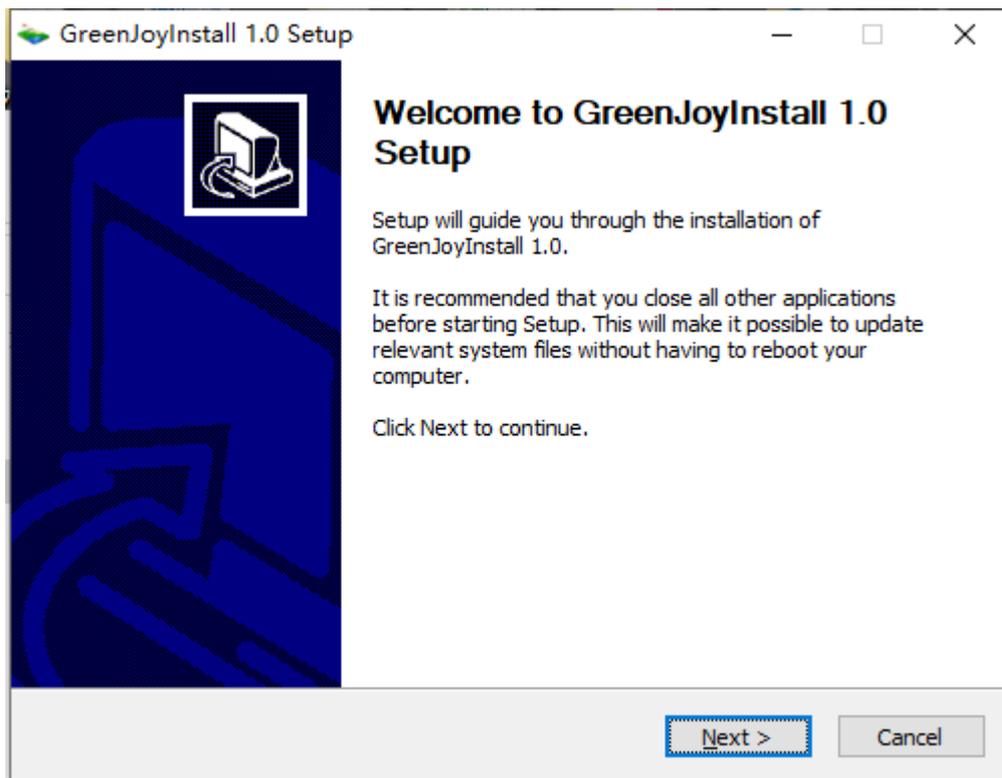
Download Document



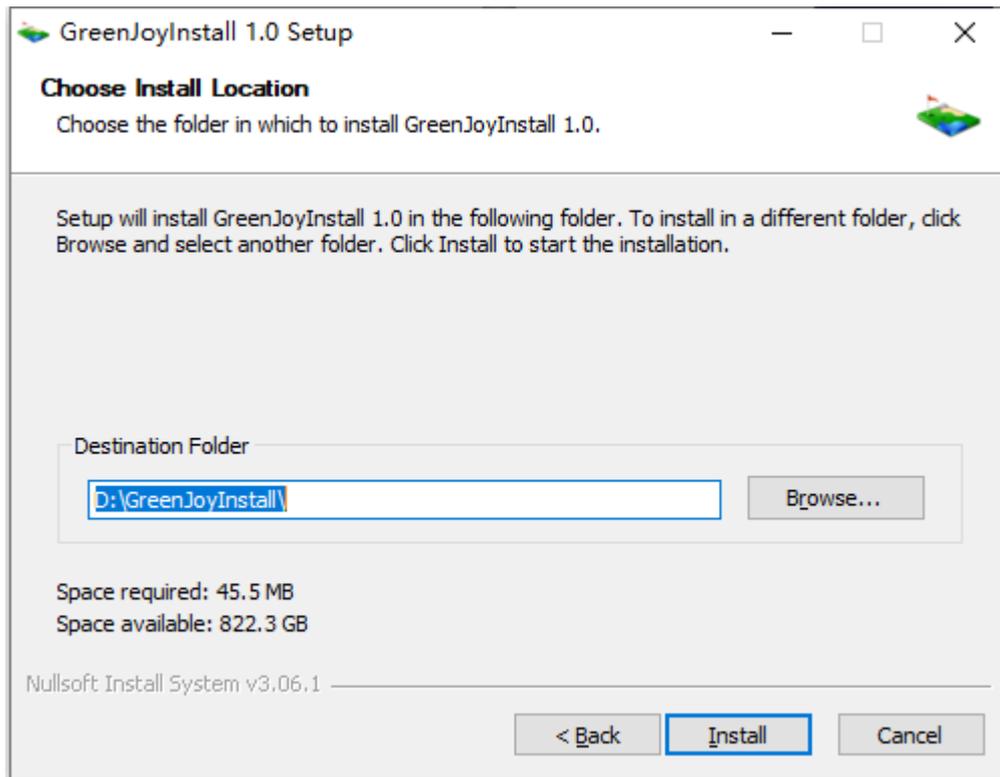
2. Processing GreenJoyInstall.exe



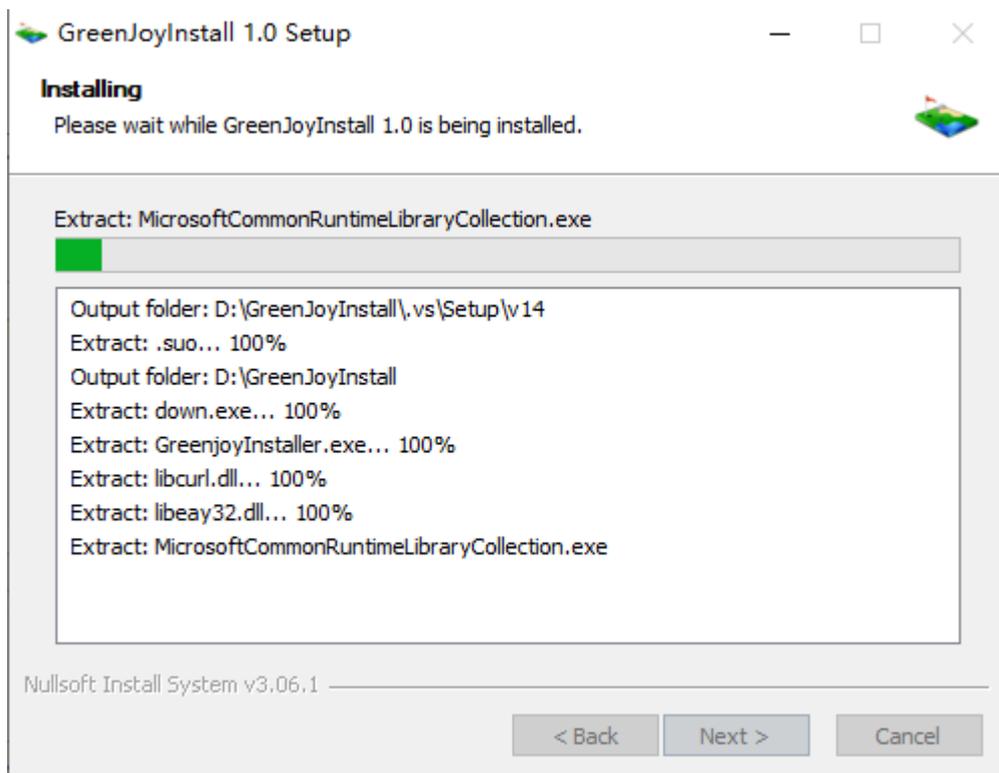
3. Press 'Next' to start setting up;



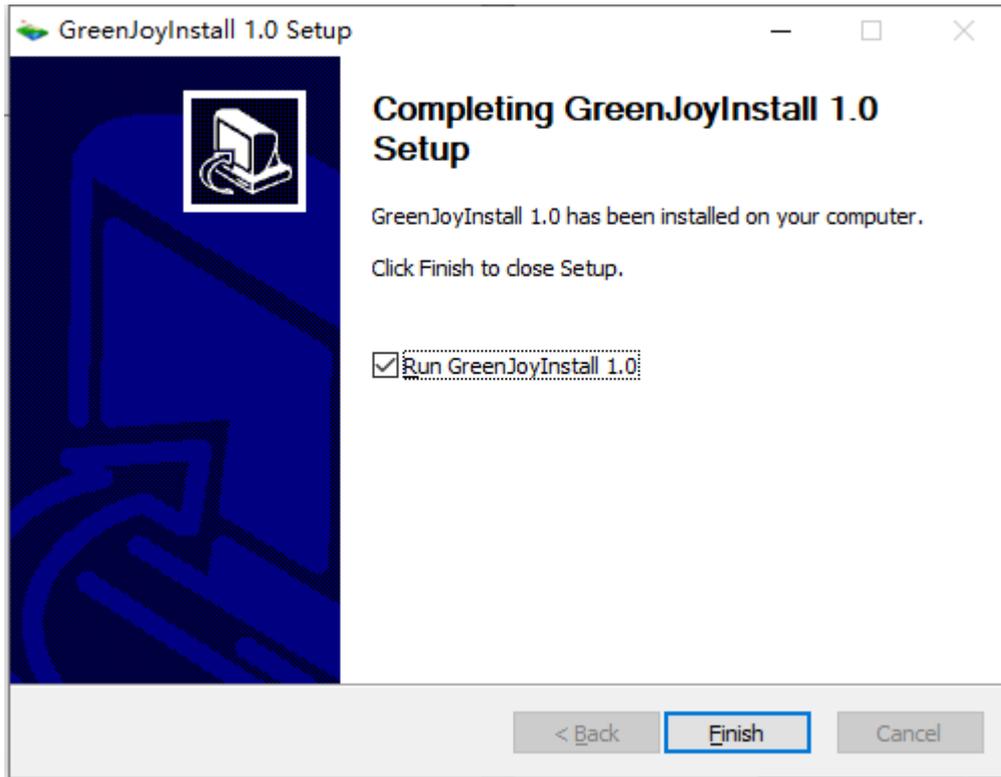
4. Press 'Install'.



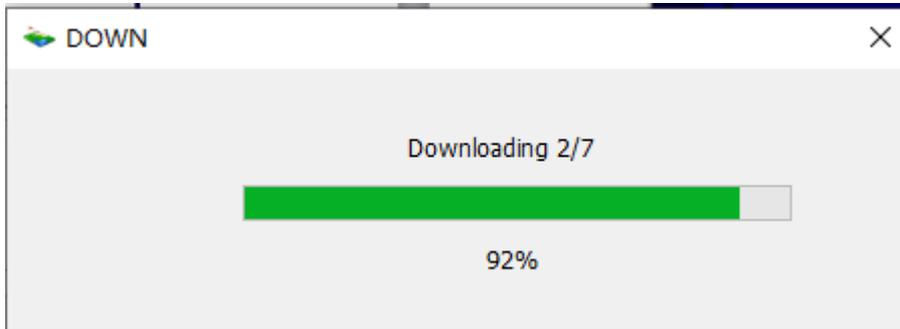
5. installing.....



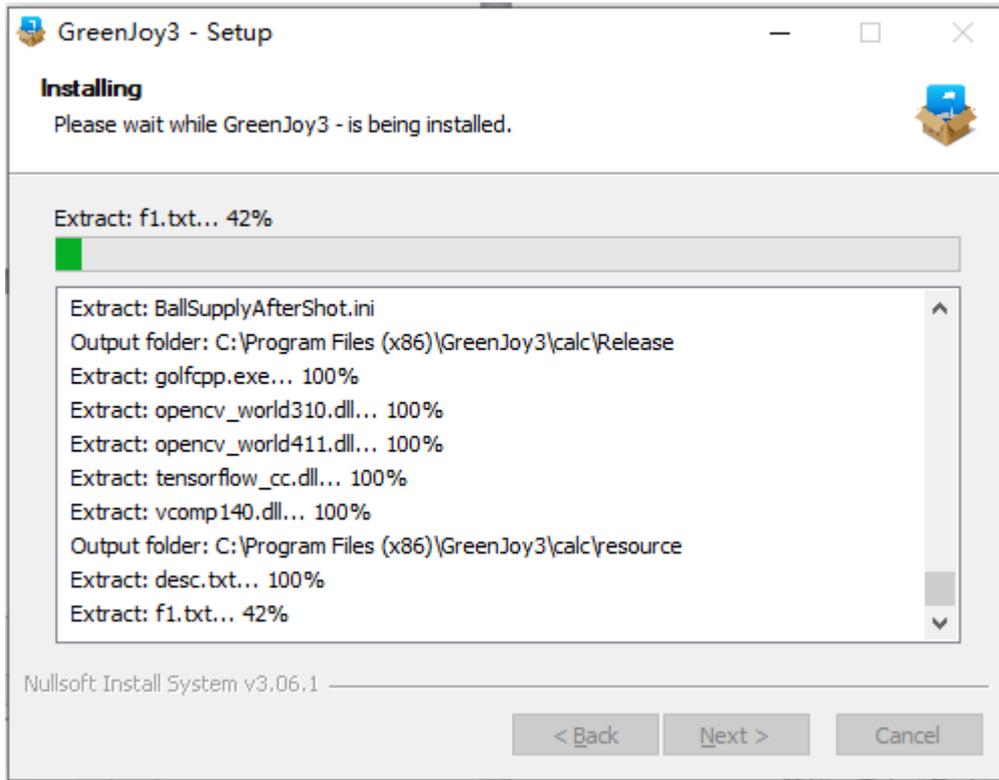
6. Click 'Finish' to finish install.



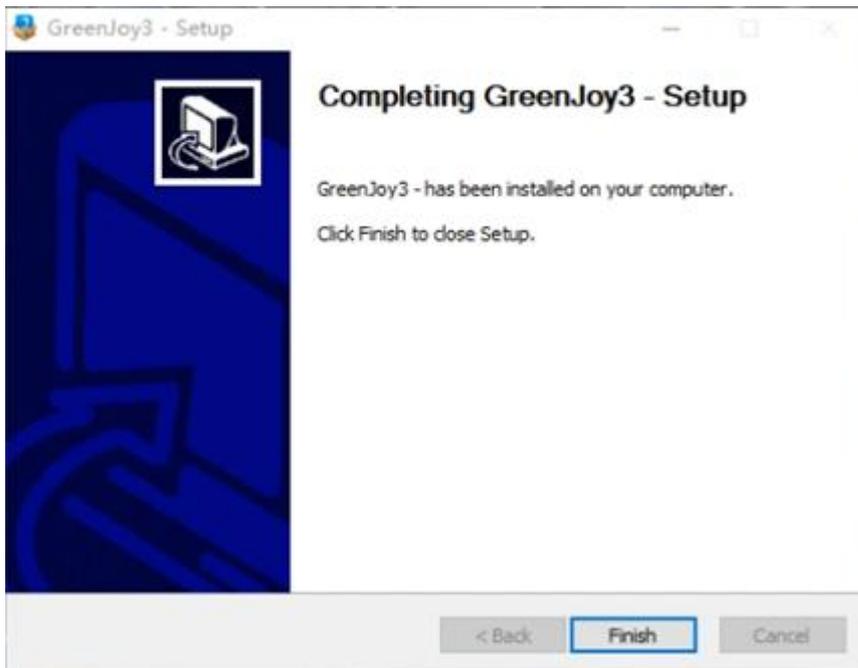
7. At the beginning of the processing, a plug-in named MSVC will be install automatically , it helps to download other resources.
Do not operate the computer when downloading MSVC, for it may cause installation failed.



The program will install automatically after finish download. It will take around 10 minutes to install. Please don't operate your computer during this time, or it might cause fail to install. If install failed, reboot the computer and restart the process.



8. Finished.



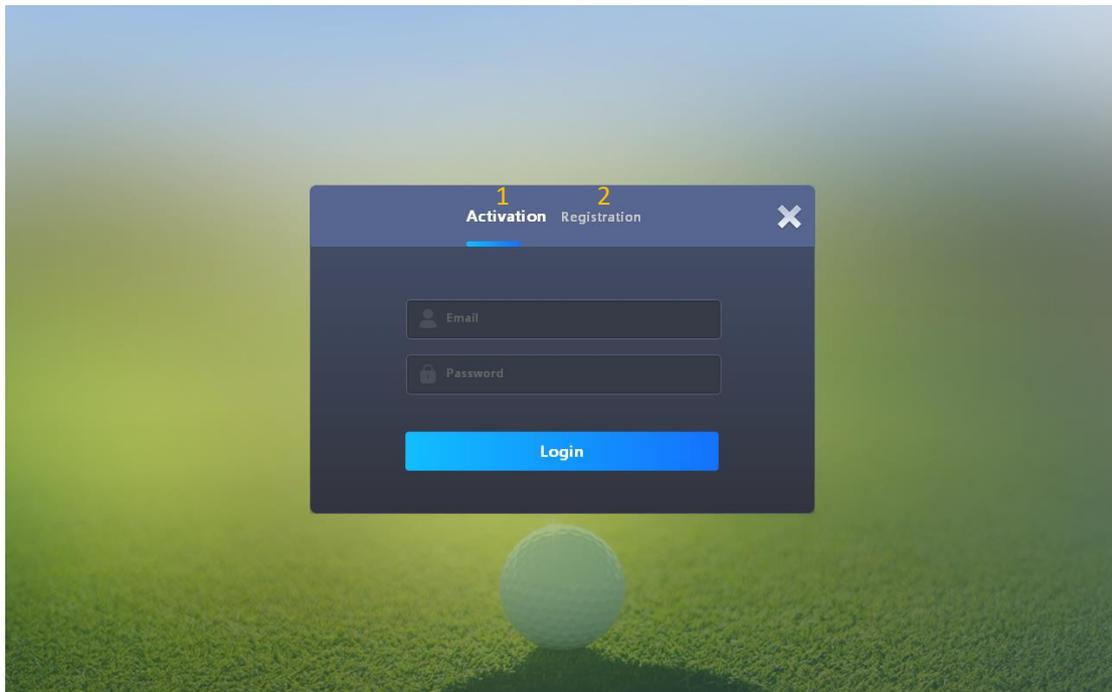
Notice: The auto installation only support English operating system. If there appears error about wrong plug-in, please run the simulator again or restart the computer and try again.

04 Register an account for simulator

1. Start Greenjoy3 software.



2. The Activation interface will showed when software start foe the first time. If you already have an account, enter your E-mail account and password to login, then comes to 'active the simulotor',see 05. Click 'Registration' to register an account:



① Activation

② Registration

3. Edit the register information, click 'User Agreement' and 'Privacy policy' to finish registration.
4. Register information introduction

Activation Register

1 Username

2 Gender: Male Female

3 Email

4 Verification code 5

6 Password

7 Re-password

8 I agree to the ⁹'User Agreement' And ¹⁰'Privacy Policy'

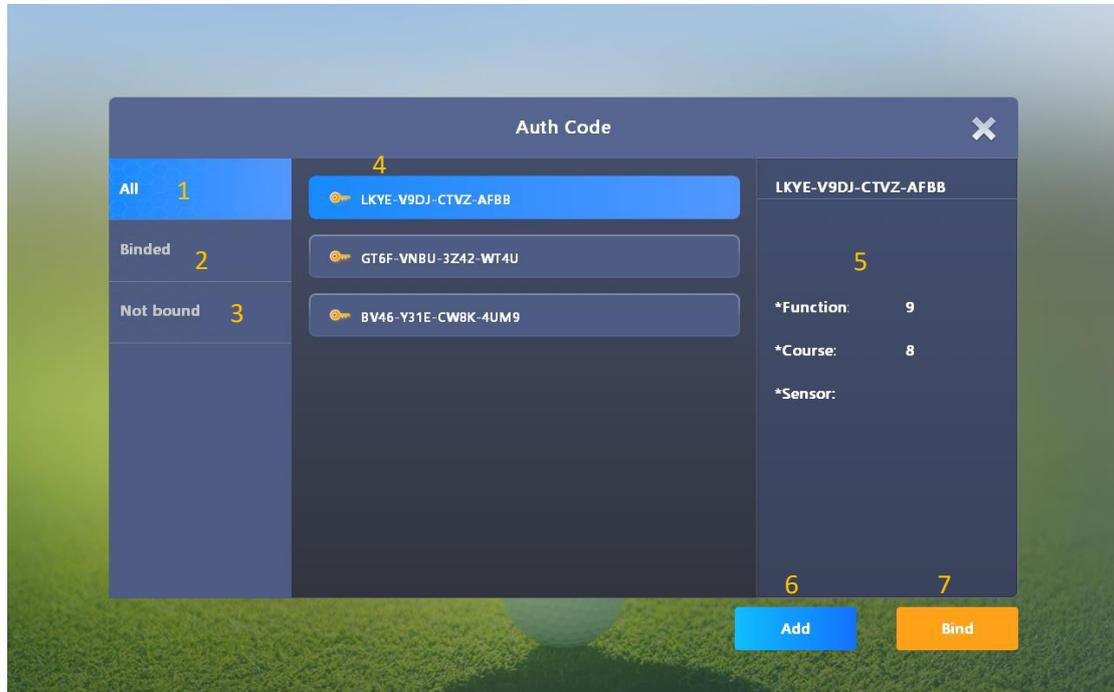
Register

- ① Username
- ② Gender
- ③ E-mail (E-mail is the account)
- ④ Verification code sent to the e-mail
- ⑤ Send verification code
- ⑥ password
- ⑦ confirm password
- ⑧ Tick agree 'User Agreement' and 'Privacy Policy'
- ⑨ Check 'User Agreement'
- ⑩ Check 'Privacy Policy'

Active the simulator 05

After login or register an account, start active the simulator,

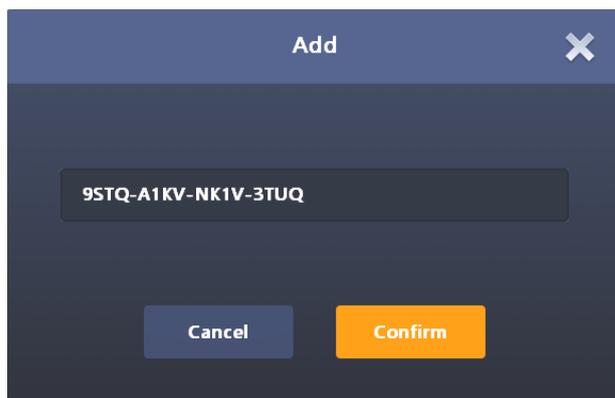
1. Enter the Auth code management interface.



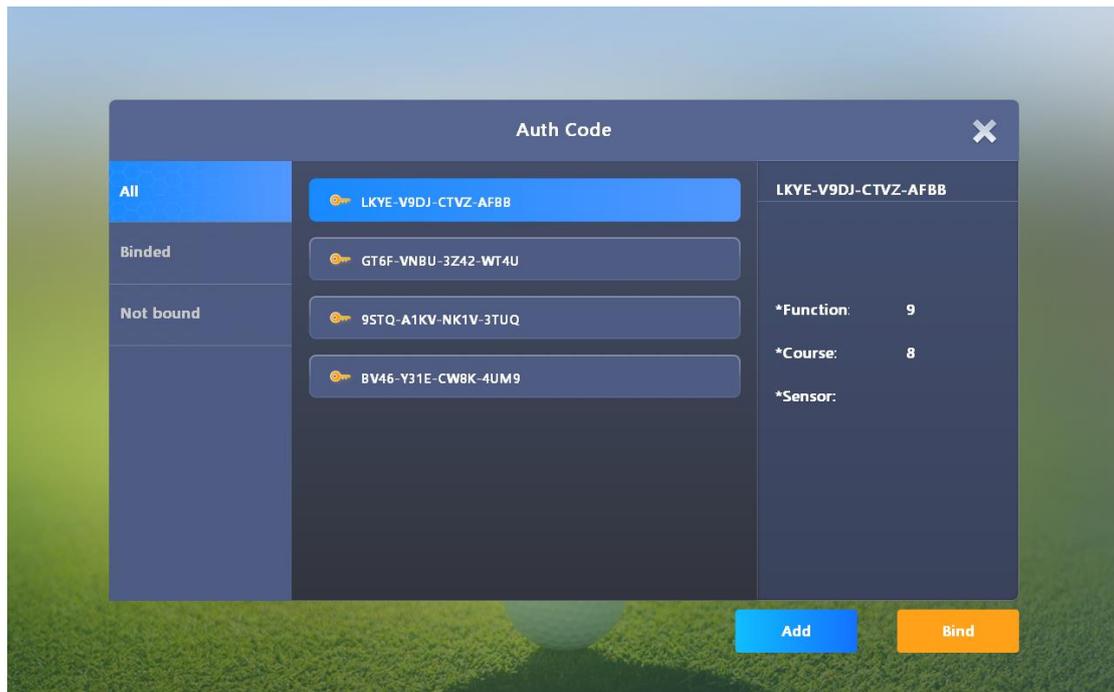
Auth code management interface introduction

- ① See all the auth codes
- ② See bound auth codes
- ③ See unbound auth codes
- ④ Auth codes
- ⑤ Information of the auth code
- ⑥ Add an auth code
- ⑦ Click to bind the auth code

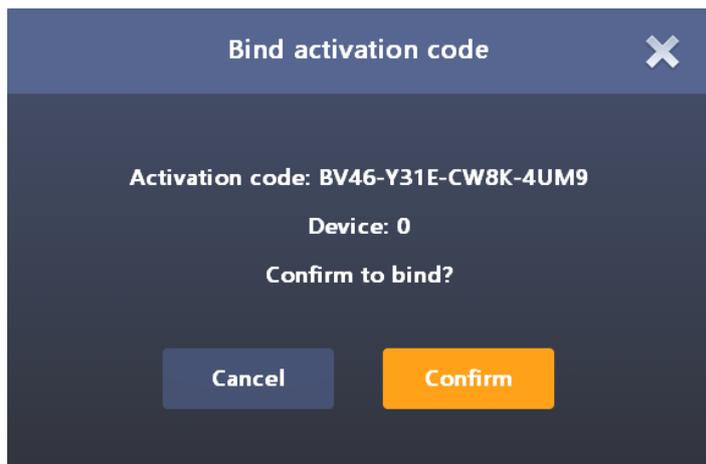
2. Press 'Add', enter the auth code, press 'Confirm' to submit.



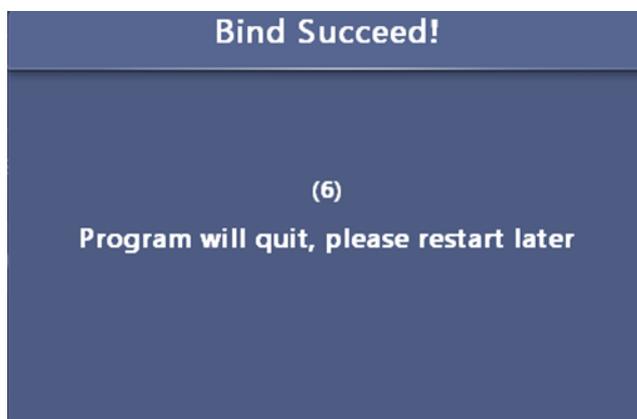
3. After submitting the auth code, the auth code will be shown in the list.



4. For new auth code, click 'bind';

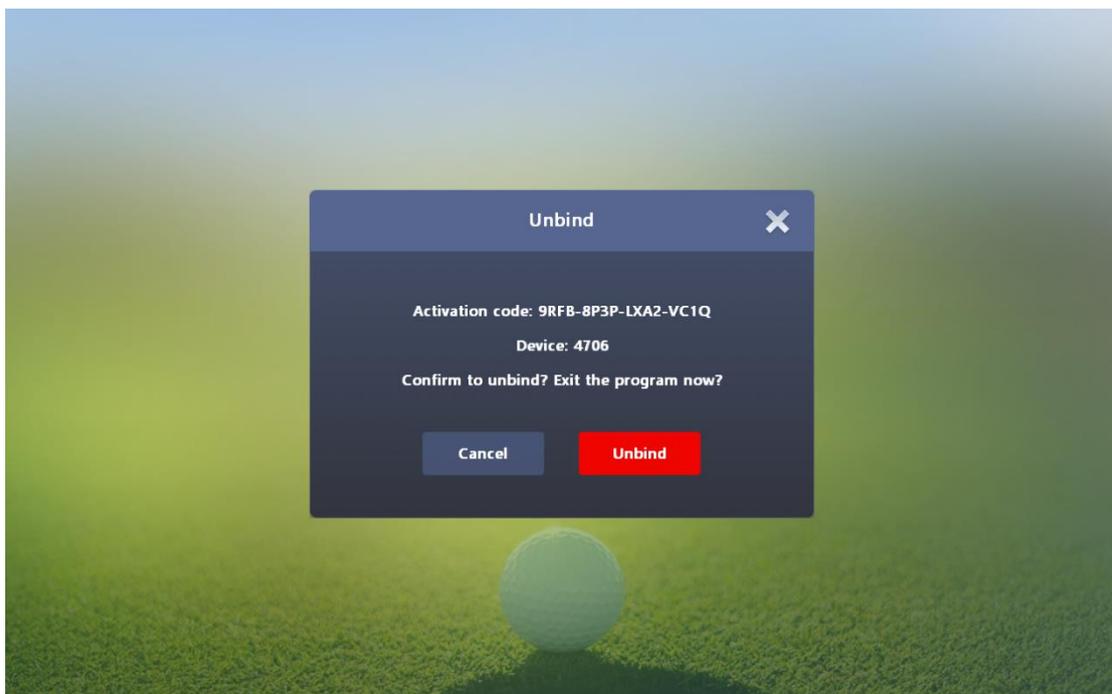
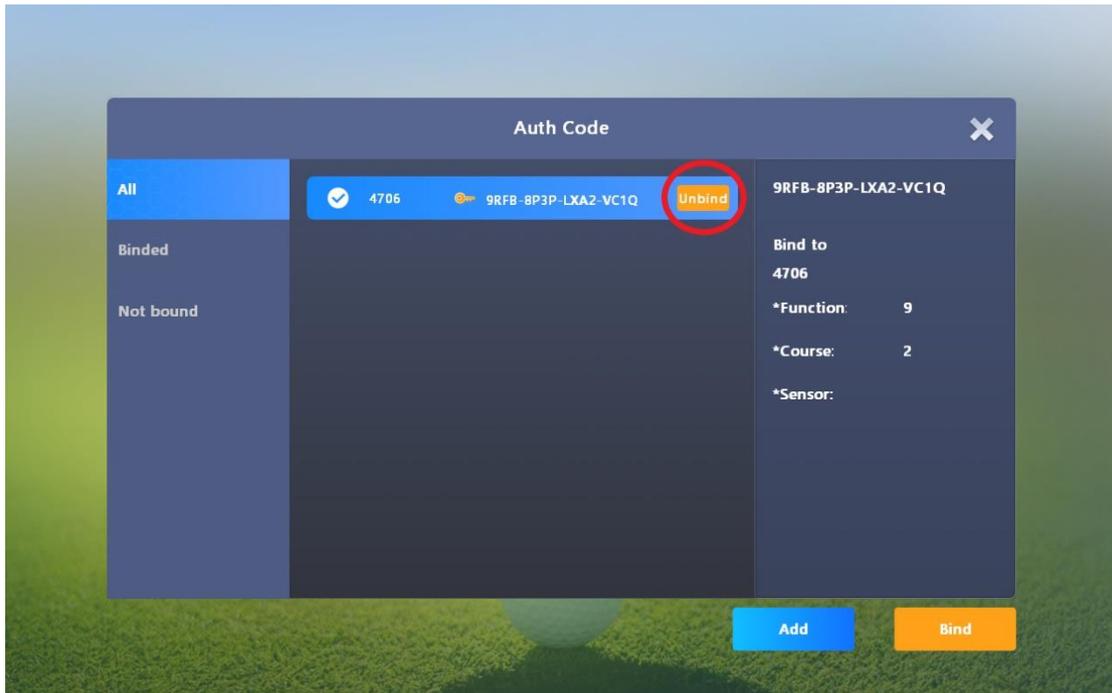


5. "Click 'Confirm' to finish binding auth code.



Restart the simulator according to the notification.

6. Unbind the auth code, open auth code page, click 'Unbind'.



Click 'Unbind', turn off the simulator, and the auth code will cancel binding.

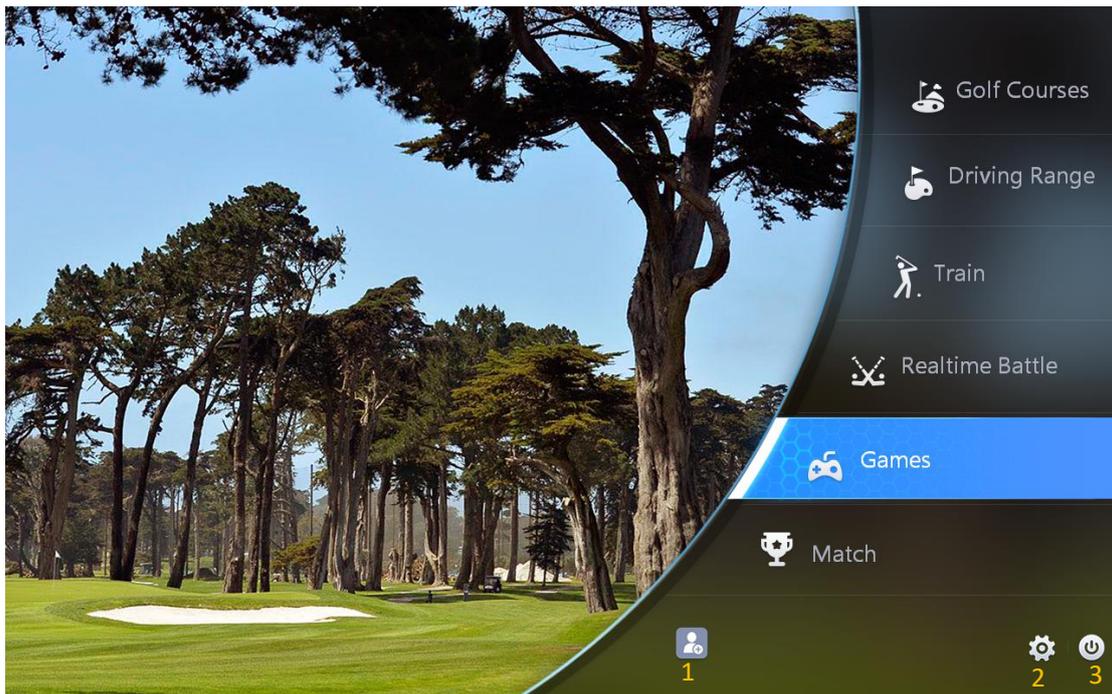
06 Software operation guide

How to enter the software

Click the icon 'GreenJoy3' on home page to start the software.



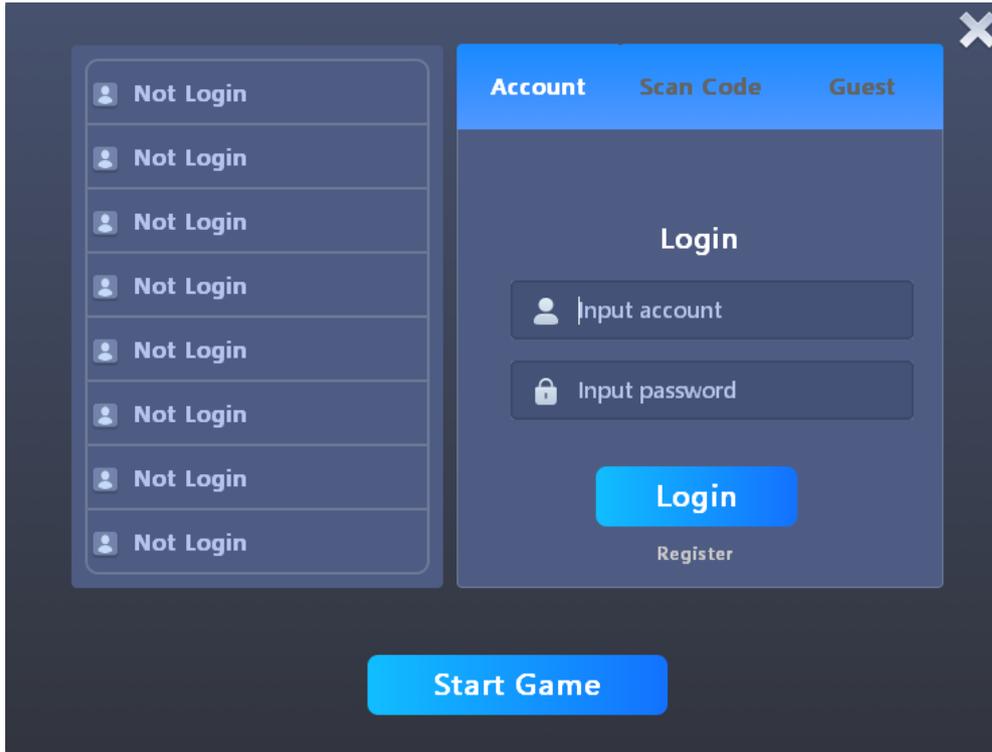
Greenjoy3 homepage introduction



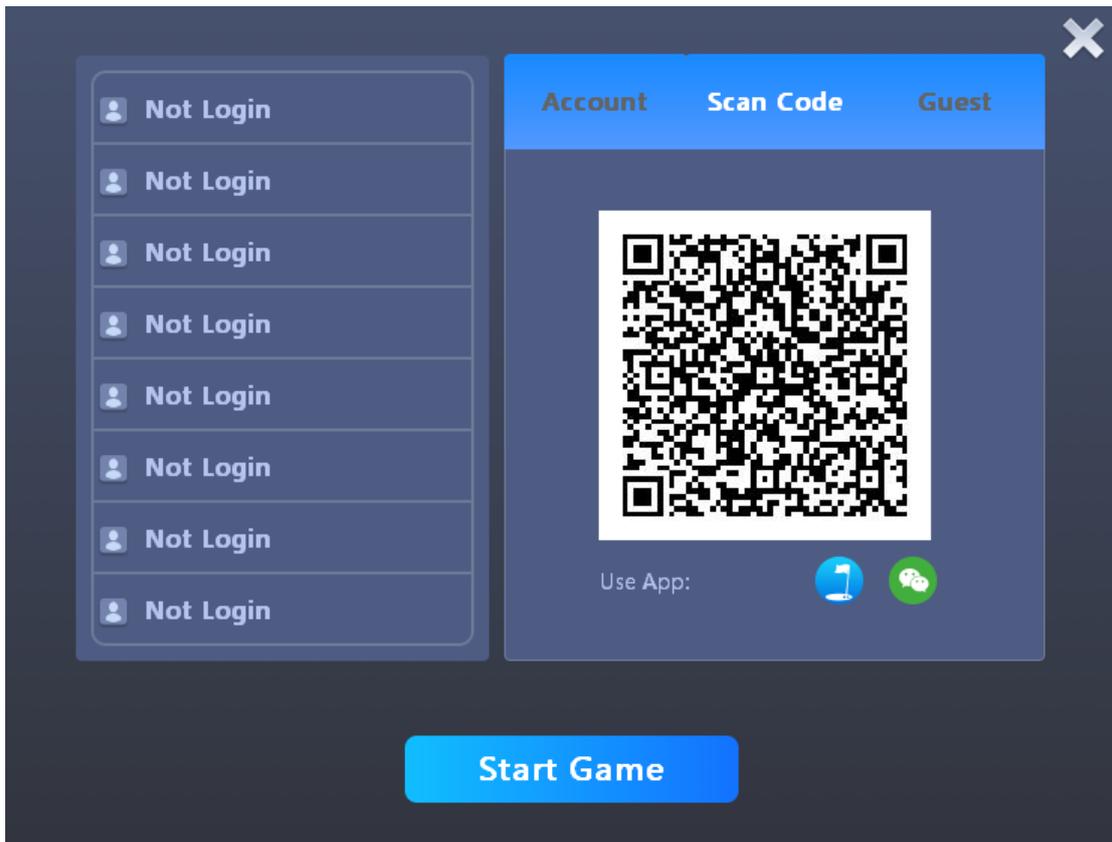
① Login ② Setting ③ Quit

How to login an account

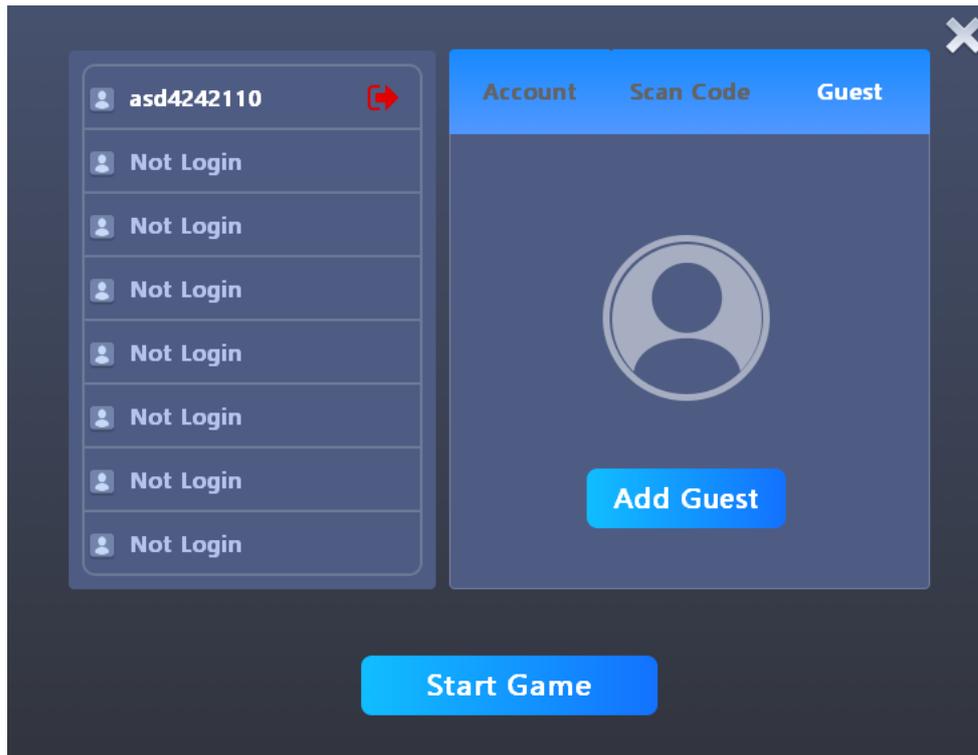
1. Click login button ① Use an account or QR code to login, or play as a guest.
 - 1) Login with account: Use E-mail as the account



2) Login with QR code: Login through scan QR code with WeChat or Citygolf Application.

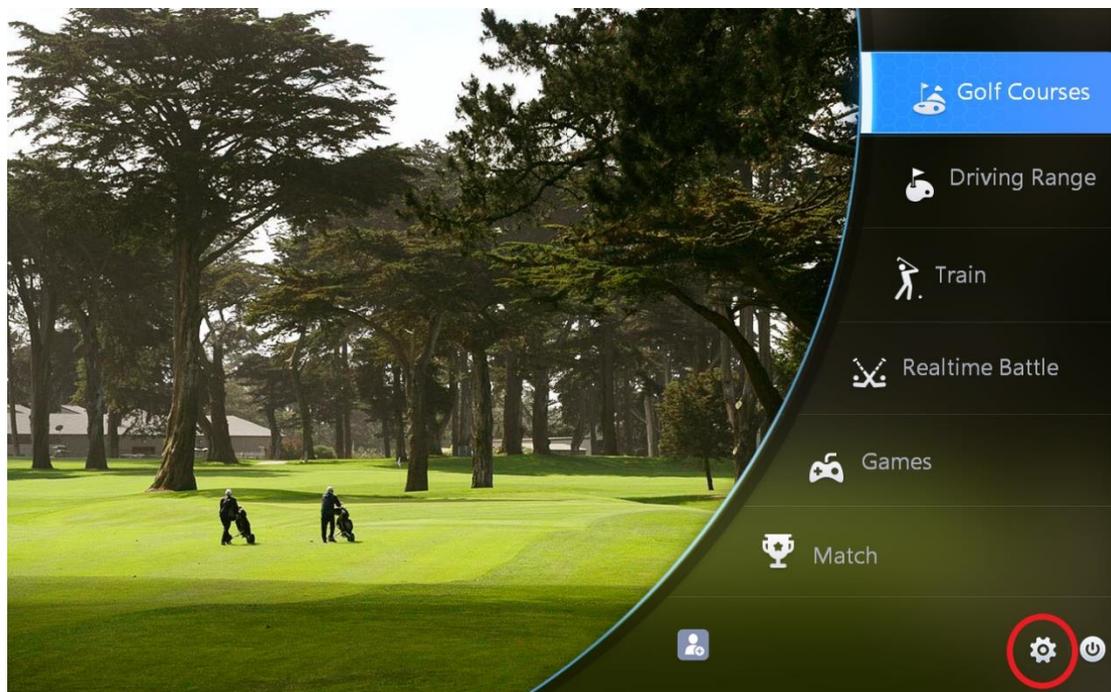


3) Play as a guest
Click 'Guest', enter the page of add guest. Press 'Add Guest'. Play as a guest can not join real time competition.

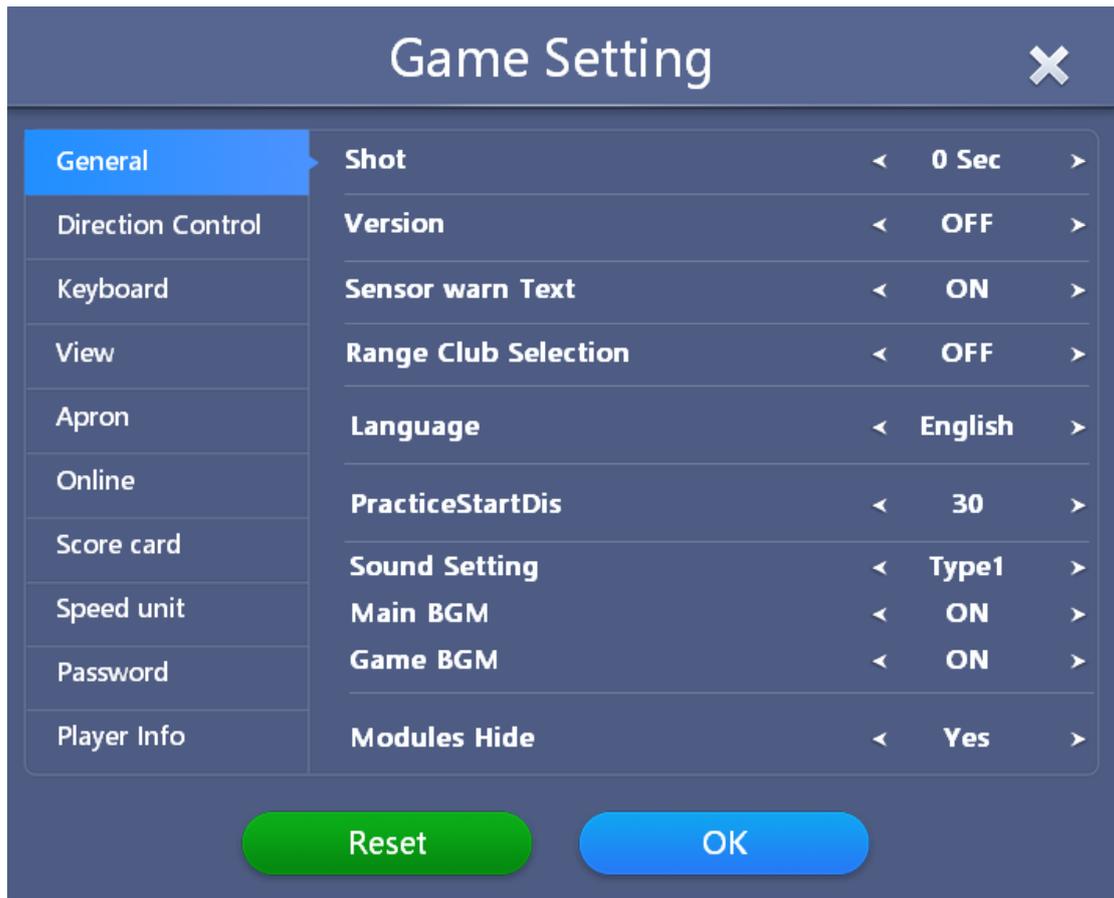


How to set parameters in the software

A. Click 'Setting' button in homepage.



B. General setting



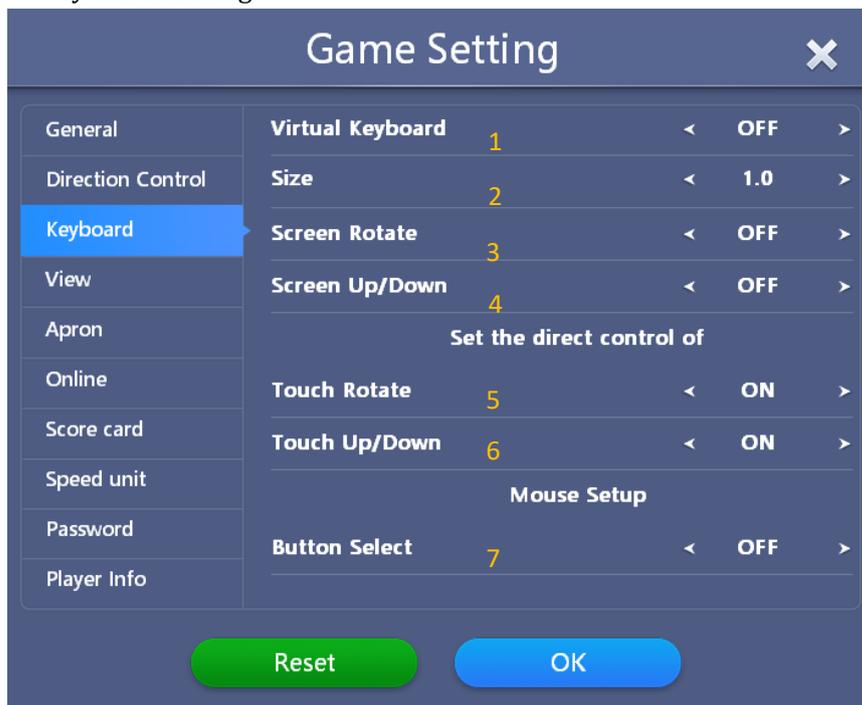
- ① Shot: The wait time between shot(unit: seconds) for player
- ② Version: display/show the version of the simulator.
- ③ Sensor warn Text: turn on/off the sensor error warning information.
- ④ Range Club Selection: turn on/off auto select of clubs in the driving range.
- ⑤ Language: Chinese/English/Korean/Japanese;
- ⑥ Practice Start Dis: The distance from Tee to hole in Train-chip mode.
- ⑦ Sound setting: software theme sound setting, Type1/2/3/4/5;
- ⑧ Main BGM: Turn on/off the homepage back ground music;
- ⑨ Game BGM: Turn on/off the back ground music during the game;
- ⑩ Modules Hide: Display/Hide the limited functions of the simulator

C. Direction control setting



- ① Rotation: The speed of move the view to left/right;
- ② Delay time: The delayed time for the function buttons to respond;
- ③ Up speed: The speed of move the view up to overwatch the course;
- ④ Down Speed: The speed of move the view down to the ground;
- ⑤ Max Height: The maximum height while using Up button.

D. Key board setting



- ① Virtual keyboard: Turn on/off virtual keyboard;

- ② Size: set the size of virtual keyboard;
- ③ Screen rotated: Display/ Hide the shortcut keys for move the view left/right;
- ④ Screen up/ down: Display/Hide the shortcut keys for move the view up/down;
- ⑤ Touch rotate: Turn on/off touch screen;
- ⑥ Touch Up/Down: Display/Hide the Up/Down shortcut keys from the touch screen;
- ⑦ Button Select: Turn on/ off the indicator

E. Online setting



- ① Room name: Change room name
- ② Auth code: Click 'browse' to manage auth codes
- ③ Device: Device number
- ④ Function: Number of Authorized functions
- ⑤ Fieled: Quantity of authorized courses
- ⑥ Sensor: Sensor

F. Scorecard



- ① Setting: Turn on/off scorecard
- ② Double Par: On: A maximum swing times of Double par for each hole; Off: no limitation on times for each hole;
- ③ Score setting: Nor : Record the score over the par; Hit: Record the hit score; Nor/Hit: Record both Nor and Hit.
- ④ Mulligan: Display/Hide the number of mulligans on the scorecard.
- ⑤ Video: Display/Hide the sign of video playback on the scorecard.
- ⑥ Score Icon: Display/ Hide the : Display/Hide the icon of score
- ⑦ Delay time: The display time of scorecard while processing the next hole.

G. Speed unit



Set the ball speed, club speed and wind speed. Units: km/h; mi/h; m/s.

H. Player information

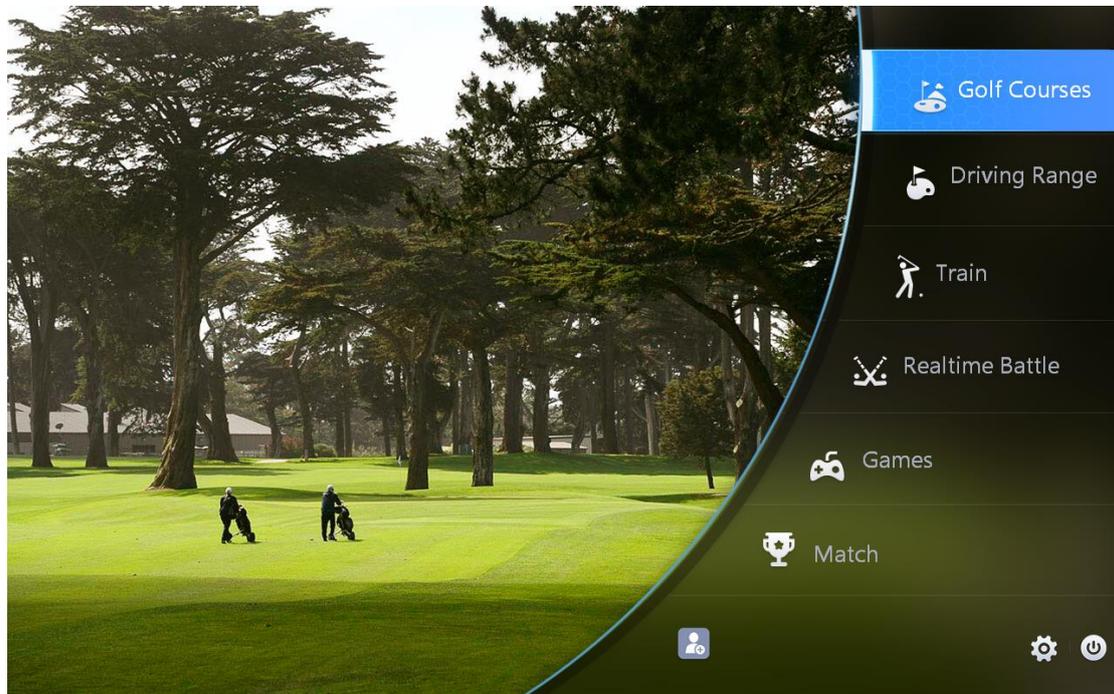


Set the font size for the player information on playing interface, range from 10-20.

Simulator functions 07

1. Golf Courses

18-hole courses



1) Click 'Golf Courses' to enter the page of 'Course Selection.'

Introduction :



- ① Search : search golf courses name. Courses can be searched through the first letter.
- ② Filter: Courses are classified according to country or course rating.

- ③ NEW/HOT: The newest and hottest courses.
- ④ Limited: Paid content with lock;
- ⑤ National Rank/Club Rank: the rank of golfers who played in this golf course;
- ⑥ Course abstract : course thumbnail, name, overall length, course rating;
- ⑦ Holes: To play 9/18 hole mode start from any hole.
- ⑧ Start
- ⑨ Continue
- ⑩ Quit

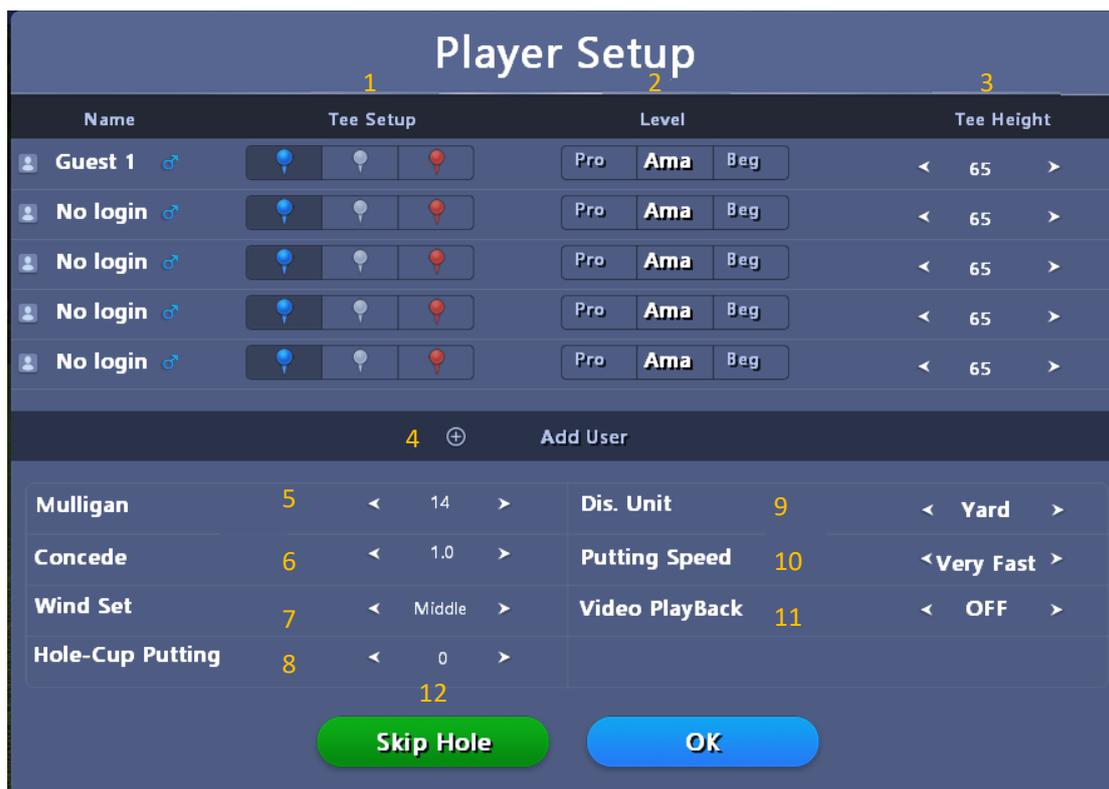
2) Golf Courses mode interface



- | | |
|-------------------------|-------------------------------------|
| ① Quit | ⑨ Network status |
| ② Player setting | ⑩ Course information |
| ③ Video teaching | ⑪ Player information |
| ④ Scorecard | ⑫ Real-time video |
| ⑤ Add/delete the player | ⑬ Map of the green |
| ⑥ Putt around the green | ⑭ Map of the fairway |
| ⑦ Current player | ⑮ Wind direction/speed |
| ⑧ Play status | ⑯ Suggest distance/ distance/ slope |

Details:

1> Player setup



- | | |
|---|---------------------------------------|
| ① Teeing position selection: blue tee, white tee, red tee | ⑥ Concede: set OK putt from 0-3 yards |
| ② Difficulty level: Pro, Amateur, Beginner | ⑦ Wind volume setting |
| ③ Tee height setting: default 65 | ⑧ Hole-cup Putting:0,1,2-1,2-2* |
| ④ Add player | ⑨ Distance Unit setting: yard/meter |
| ⑤ Mulligan: re-stroke without punishment, from 0-20 times | ⑩ Green speed setting |
| | ⑪ Video PlayBack: on/off |
| | ⑫ Skip Hole: skip to the next hole |

※Hole-cup Putting:

“0” turn off the putting platform, putting according to the software.

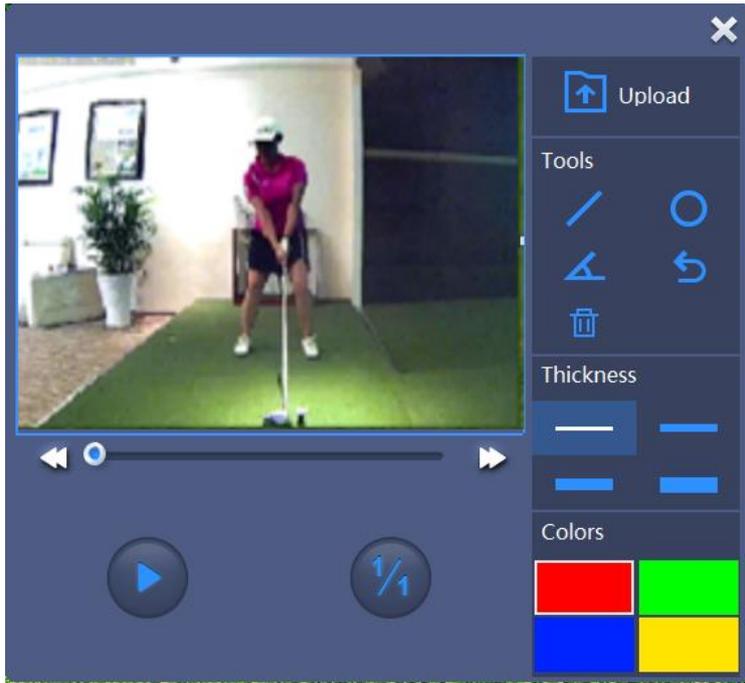
“1”turn on the putting platform. Hole-in, count 1, not in, count 2, skip to the next hole;

“2-1” turn on the putting platform. Hole-in, count 1. Not in, distance in 1 yard, count 1, over 1 yard, putt again with 1# hole;

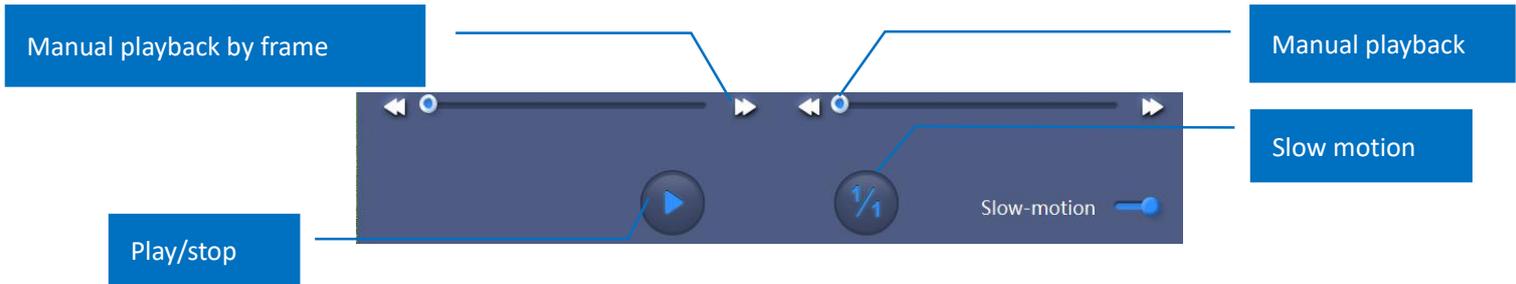
“2-2” turn on the putting platform. Hole-in, count 1. Not in, distance in 2 yard, count 1, over 2 yard, putt again with 1# hole;

2> Video playback

Check the video playback of swing



Operation button introduction



Slow motion: 1/1、1/2、1/4、1/8 speed rate

3> Scorecard

Orient Xiamen Golf A-B																					
Hole	1	2	3	4	5	6	7	8	9	Font 9H	10	11	12	13	14	15	16	17	18	Back 9H	Total
Red	297	411	300	93	499	358	257	113	307	2,638	282	323	105	478	292	233	117	414	314	2,563	5,201
White	301	424	319	135	538	399	307	160	344	2,932	315	348	134	500	318	260	142	451	342	2,814	5,746
Blue	344	449	366	165	549	408	329	165	367	3,145	376	431	150	550	389	325	199	497	381	3,303	6,449
Par	4	5	4	3	5	4	4	3	4	36	4	4	3	5	4	4	3	5	4	36	72
Leeky	0	0								0/9										0/0	0/9
Allendc	-1	2								1/10										0/0	1/10
HOLEIN	1	2								3/12										0/0	3/12

Par: count 0.

strokes over the par, count +, eg. Par 4, stoke 5, count 1.

Stoke less than the par, count -, eg. Par 5, stoke 4, count -1.

4> Putting around the sideline of the green



Putting is permitted around the sideline of the green

3) Change the play order

A. Change the play order

During playing, you can left-click a player to put him as the current player. Eg. According to the order, 'Guest 1' is on the turn, while user can left click other player to play in advance if 'Guest 1' is not ready.



B. Suspend a player

Right click a player (or players) to suspend playing in this hole, until the other players finish the hole.

To cancel the suspending, right-click the player again

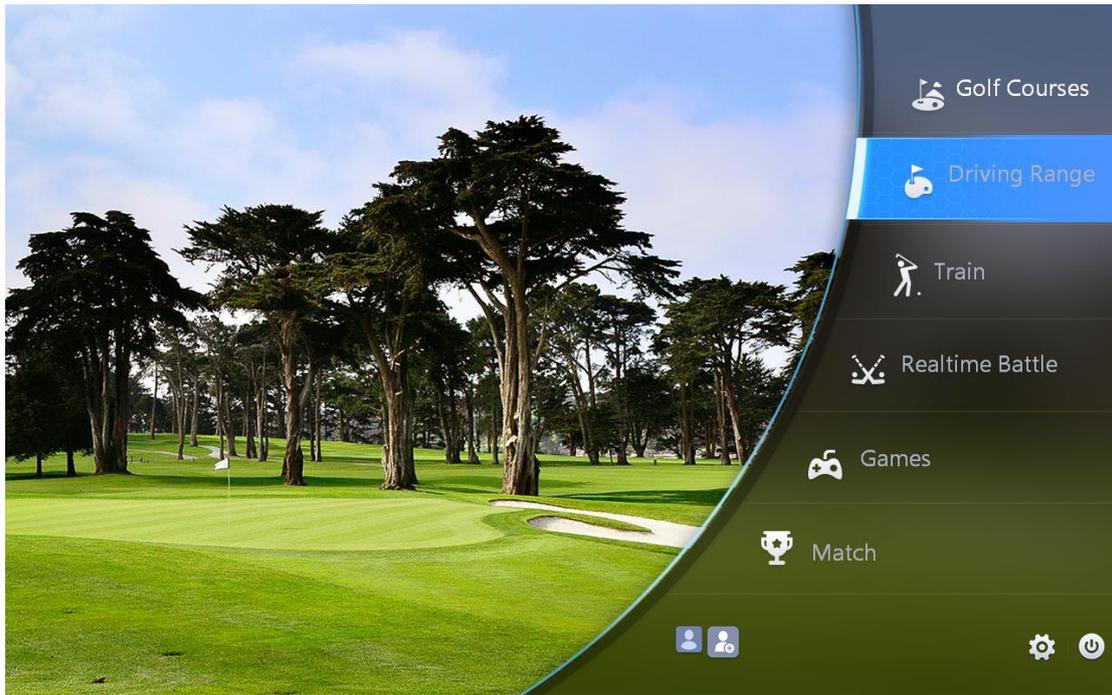


4) Stoke mode shortcut keys introduction

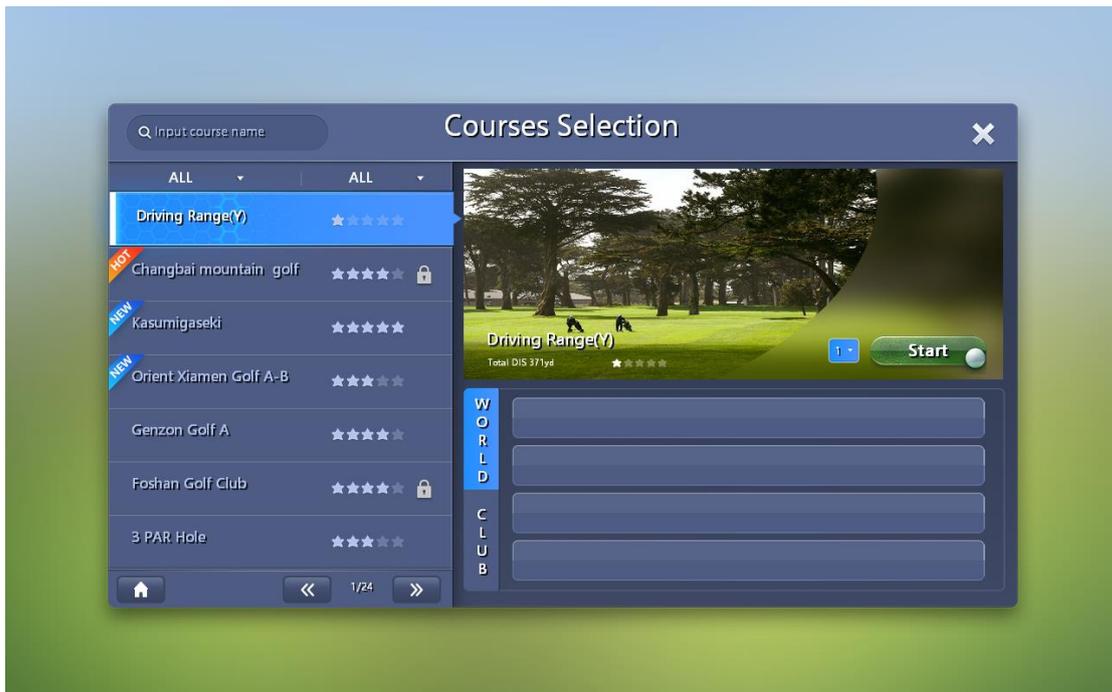
☆ Shortkeys ☆

- 1.Left/Right ← →: Adjust the ball aiming direction
- 2.M: Mulligan
- 3.D: Drop
- 4.G: to display green slope before chipping
- 5.Page Up /Page Down: overlook the golf course/restore to ground view
- 6.F2 : Preview the fairway

2. Driving Range



1) Chose 'Driving Range', enter 'Courses Selection' page.

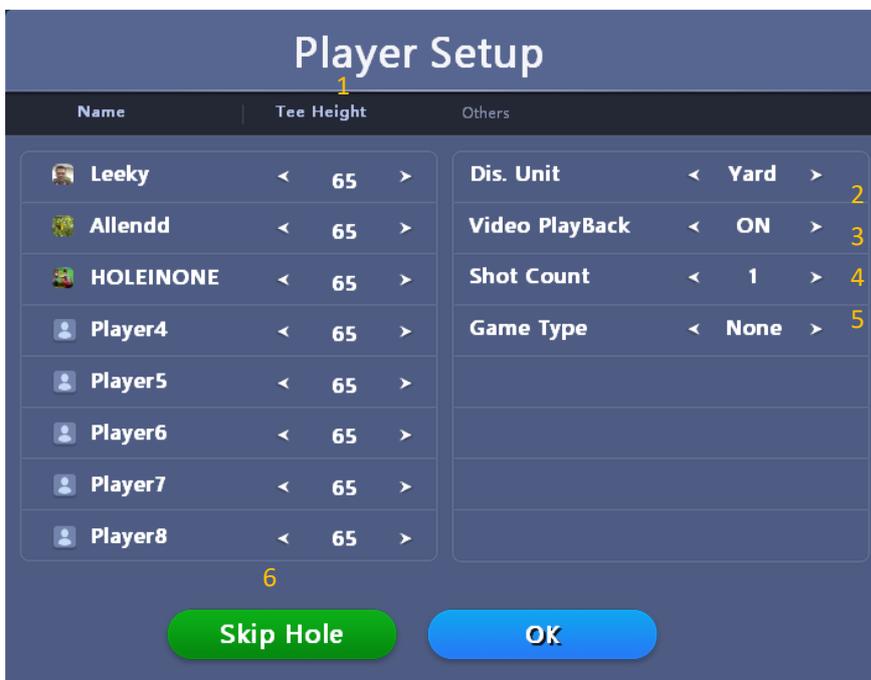


2) Driving range interface introduction



- ① Quit
- ② Players setting
- ③ Video teaching lessons
- ④ Club selection
- ⑤ Data analyse/chart
- ⑥ Add/Delete players
- ⑦ Clear the trajectory
- ⑧ Course information
- ⑨ Player information
- ⑩ Real-time swing video
- ⑪ Trajectory data
- ⑫ Top view of the fairway
- ⑬ Side view of the fairway

1> Player Setup



- ① Tee height setting: default 65
- ② Instance Unit setting: yard/meter
- ③ Video PlayBack: on/off

- ④ Shot Count: when multiple players are practising, set the number of continuous shots for
- ⑤ Each player. Range from 1-100.
- ⑥ Game type: counting fee methods
- ⑦ Skip Hole: skip to the next hole

2> Club Selection



Select a club to practice, record the data and analyze the data. Selectable clubs, see above.

3> Data analyze/chart analyze

After practice in driving range for 10 shots, the below data analyze window will pop up, meanwhile upload to city golf application---- practice data.

Leeky		Data analyze		Chart analyze		WOOD1				
	Total Dis <small>[yard]</small>	Carry Dis <small>[yard]</small>	Ball Speed <small>[mph]</small>	Club Speed <small>[mph]</small>	LRAngle <small>[degree]</small>	Lanch angle <small>[degree]</small>	Backspin <small>[rpm]</small>	Sidespin <small>[rpm]</small>	Dispersion	SmashFac
👁	206.11	194.96	123.03	87.26	2.00	14.00	402.00	154.00	12.00	1.41
👁	225.46	212.18	129.74	88.26	1.00	12.00	1024.00	-257.00	-2.83	1.47
👁	213.89	202.09	125.27	92.79	3.00	13.00	611.00	-1011.00	-7.11	1.35
👁	201.53	190.48	120.79	83.31	-2.00	10.00	511.00	841.00	9.44	1.45
👁	194.26	183.60	123.03	87.88	0.00	9.00	1102.00	1041.00	16.02	1.40
👁	Eagle eye	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Average	208.25	196.66	124.37	87.90	1.60	11.60	730.00	660.80	9.48	1.42

Data analyze



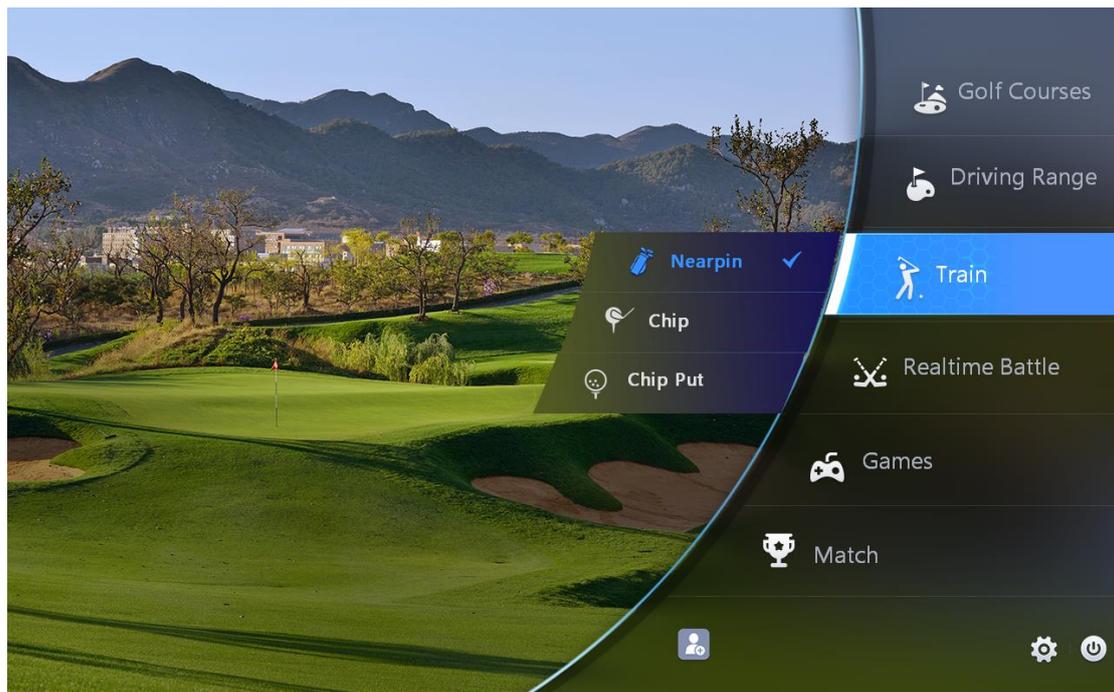
Chart analyze

Practice data include:

- ① Total Distance
- ② Carry Distance
- ③ Ball speed
- ④ Club Speed
- ⑤ Left/Right Angle
- ⑥ Launch Angle
- ⑦ Back Spin
- ⑧ Side Spin
- ⑨ Desperation
- ⑩ Smash Facto

3. Train

Train mode has three functions, Near pin, Chip and Chip put.



1 Near Pin practice

1) Near pin— Course Selection

You can choose any Par 3 hole to practice Near Pin.



2) Near pin practice interface introduction



- | | |
|---|--|
| ① Quit | strokes and the distance to the near pin |
| ② Player setting | ⑥ Map of the green |
| ③ Add/Delete players | ⑦ Map of the fairway |
| ④ Course Information | ⑧ Adjust distance/ Distance/ Slope |
| ⑤ Player's information: record players' | |

1> Player Setup

Name	Tee Setup	Level
Leeky	<input checked="" type="radio"/> Blue <input type="radio"/> White <input type="radio"/> Red	Pro Ama Beg
自行车VB	<input checked="" type="radio"/> Blue <input type="radio"/> White <input type="radio"/> Red	Pro Ama Beg
Allendd	<input checked="" type="radio"/> Blue <input type="radio"/> White <input type="radio"/> Red	Pro Ama Beg
Player4	<input checked="" type="radio"/> Blue <input type="radio"/> White <input type="radio"/> Red	Pro Ama Beg
Player5	<input checked="" type="radio"/> Blue <input type="radio"/> White <input type="radio"/> Red	Pro Ama Beg

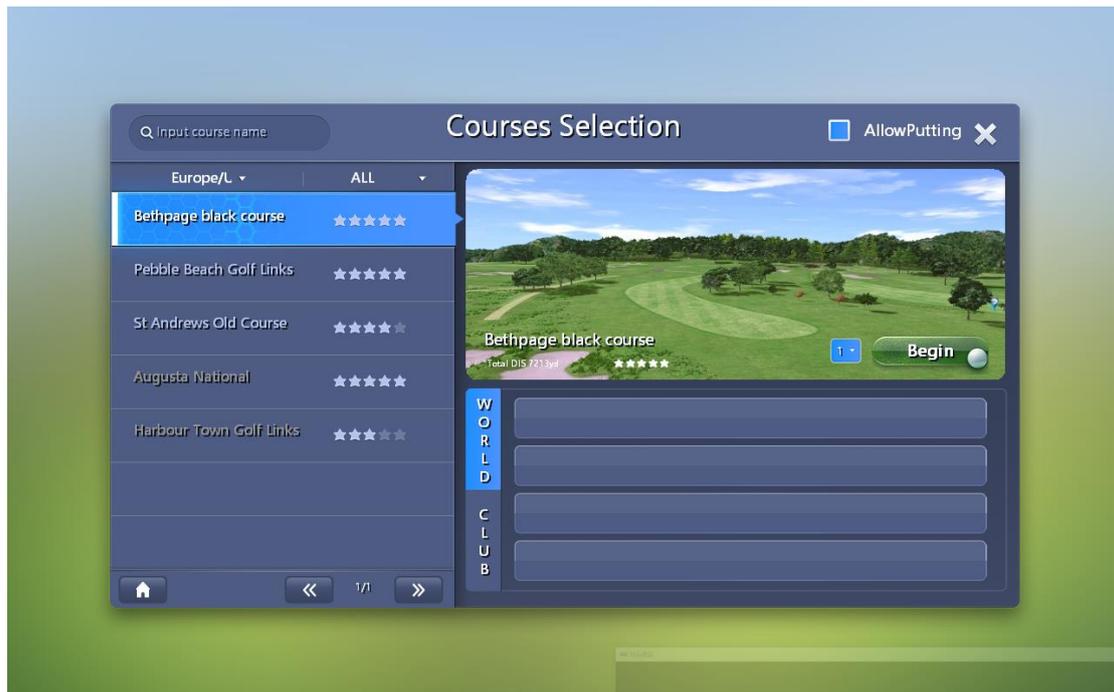
Dis. Unit: < Yard >

Skip Hole OK

- ① Tee position: Blue tee/White tee/Red tee
- ② Difficulty: Professional/ Amature/ Beginner
- ③ Add player
- ④ Distance Unit: Yard/Meter
- ⑤ Skip Hole: Skip to the next par3

2 Chip Practice

The player chip once for each hole. The nearest distance to the hole count as the best result. Enter 'Courses Selection' page.

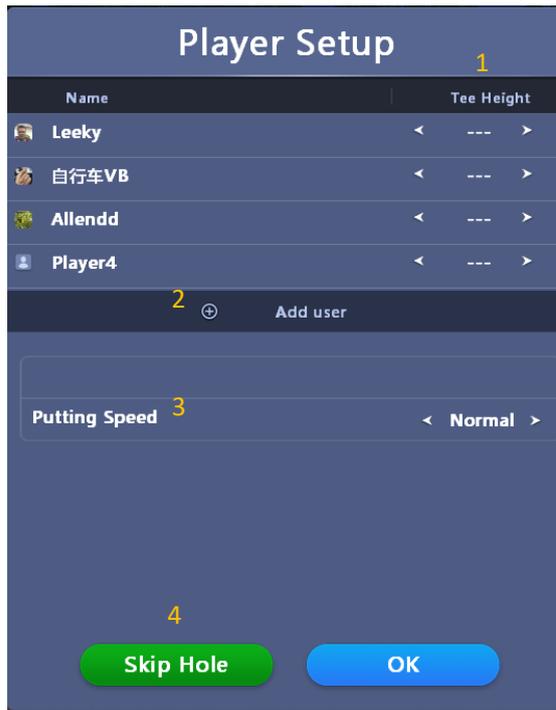


2) Chipping Practice interface introduction



- | | |
|---------------------------------------|--|
| ① Quit | strokes and the distance to the near pin |
| ② Player setup | ⑥ Map of the green |
| ③ Add/Delete players | ⑦ Map of the fairway |
| ④ Course information | ⑧ Adjust distance/ Distance/ Slope |
| ⑤ Player information: record players' | ⑨ Grid |

1> Player Setup



- ① Tee Height
- ② Add user
- ③ Green speed
- ④ Skip Hole

2> Change the Chip point

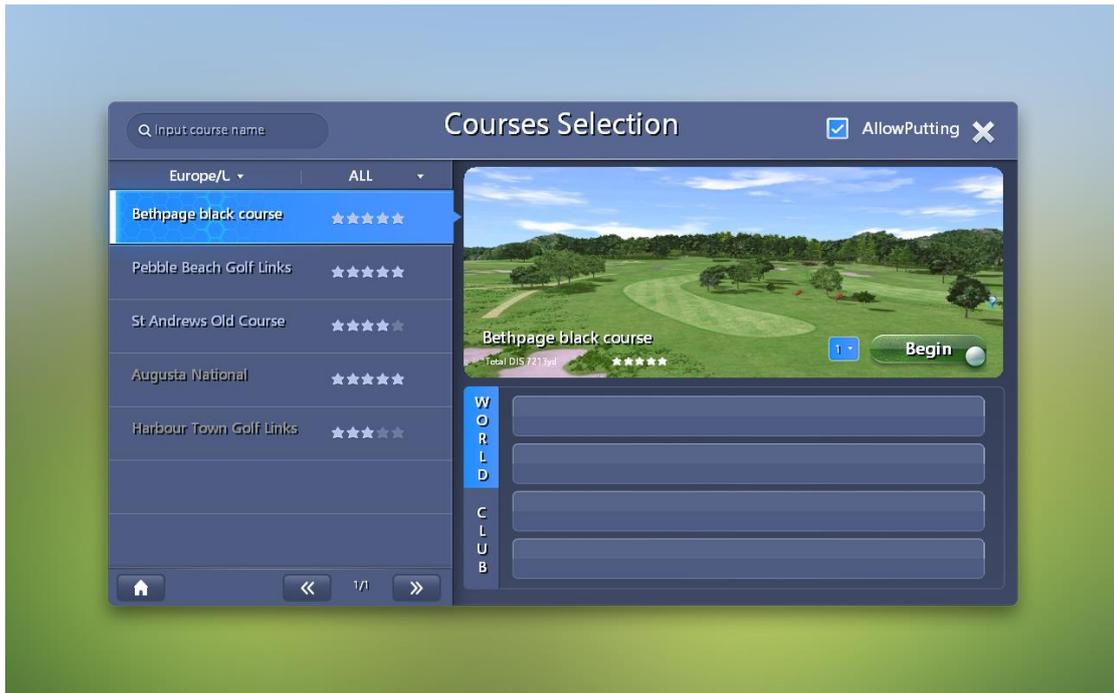
Drop the ball to any places on the fairway, bunker or rough, by right clicking the place on the fairway map. Then choose a proper club to chip to the green.



3 Chip Put practice

The player Chip and put until hole-in to finish. Chose the lowest score as the best result.

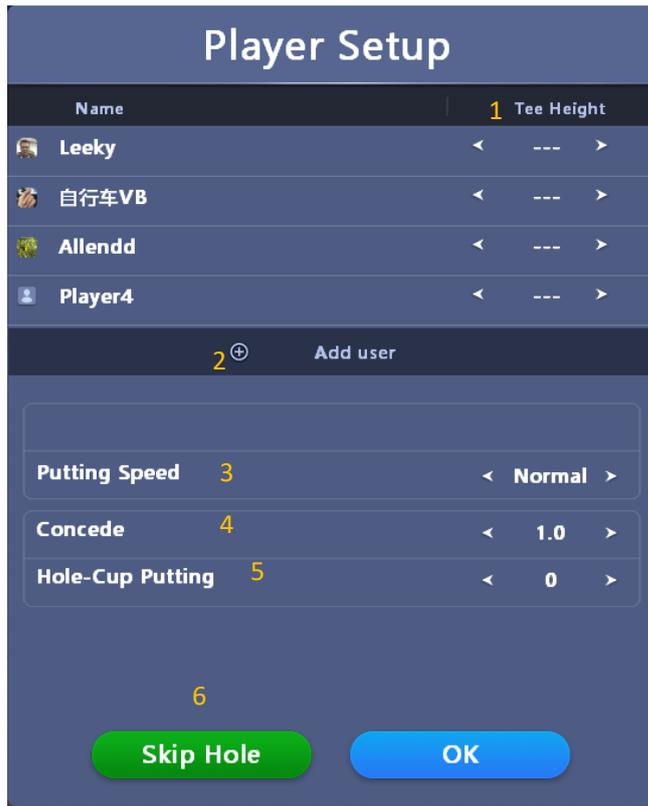
- 1) Enter 'Course Selection' page.



2) Chip put practice interface introduction



- | | |
|---------------------------------------|------------------------------------|
| ① Quit | strokes and the lowest score |
| ② Player setup | ⑥ Map of the green |
| ③ Add/Delete players | ⑦ Map of the fairway |
| ④ Course information | ⑧ Adjust distance/ Distance/ Slope |
| ⑤ Player information: record players' | ⑨ Grid |
- 1> Player setup



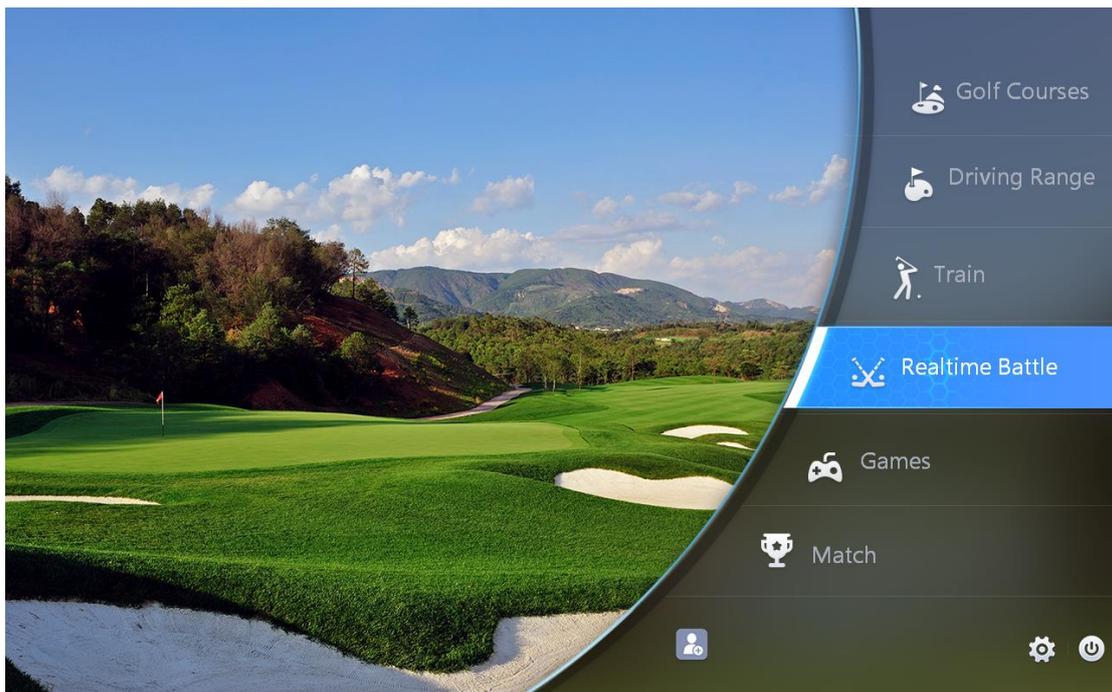
- ① Tee height
- ② Add user
- ③ Green speed
- ④ Concede: The distance for OK from 0 to 3.0
- ⑤ Hole-cup putting: see *Hole-cup putting* for details
- ⑥ Skip Hole

2> Change the Chip point

Drop the ball to any places on the fairway, bunker or rough, by right clicking the place on the fairway map. Then choose a proper club to chip to the green.

4. Real time battle

Support 2 simulators, 4 players in total to compete online at realtime.

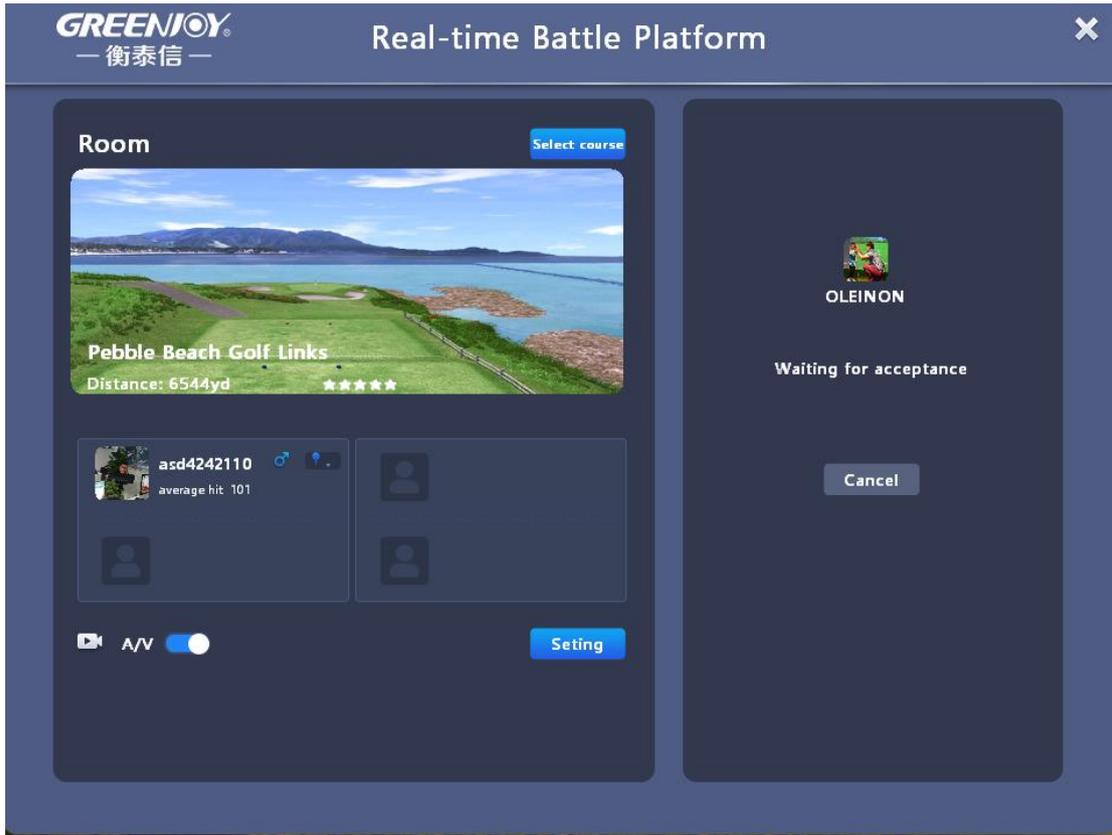


1) Enter 'Realtime Battle Platform'page.



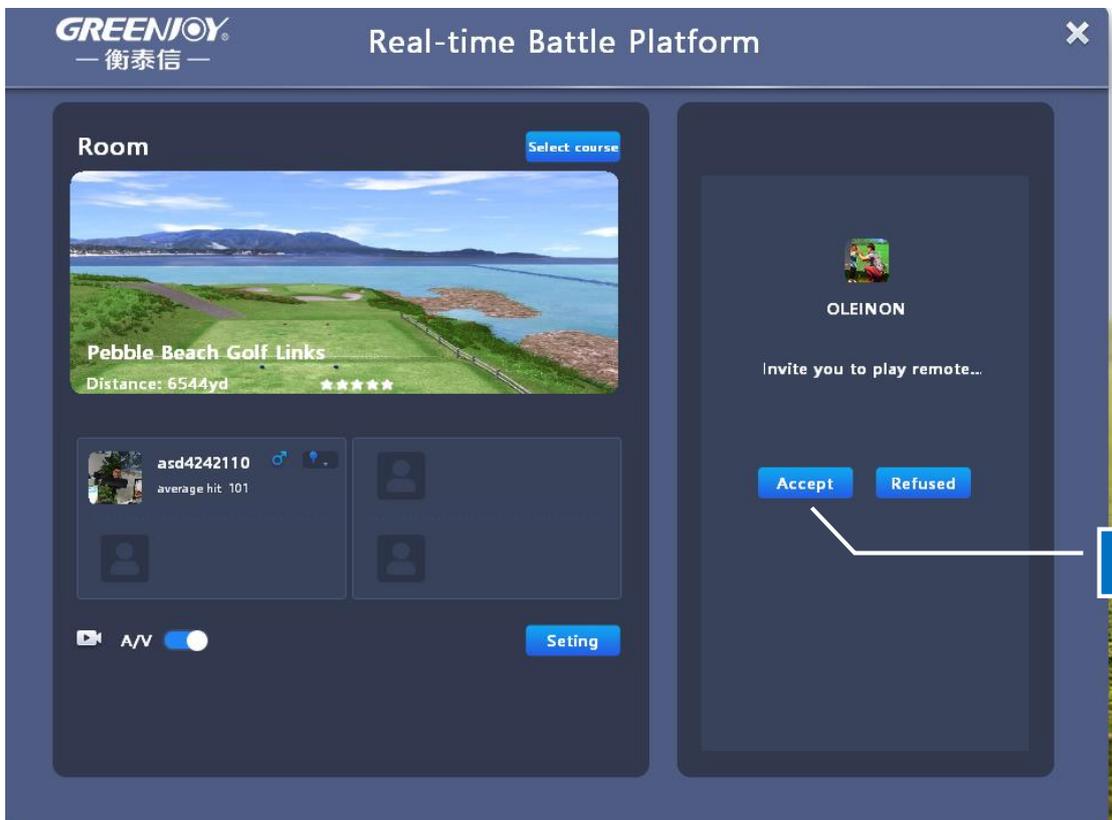
- | | |
|---|---|
| ① Select the course | ⑦ Refresh the list |
| ② Main player/players | ⑧ Invitation: invite free player to compete |
| ③ Joined player/players | ⑨ Skip to the homepage |
| ④ Tee selection | ⑩ Previous page |
| ⑤ Video/audio switch | ⑪ Next page |
| ⑥ Setting: Mulligan, OK, wind volume, green speed | ⑫ Quit |

2) Invite other free players to enter the room



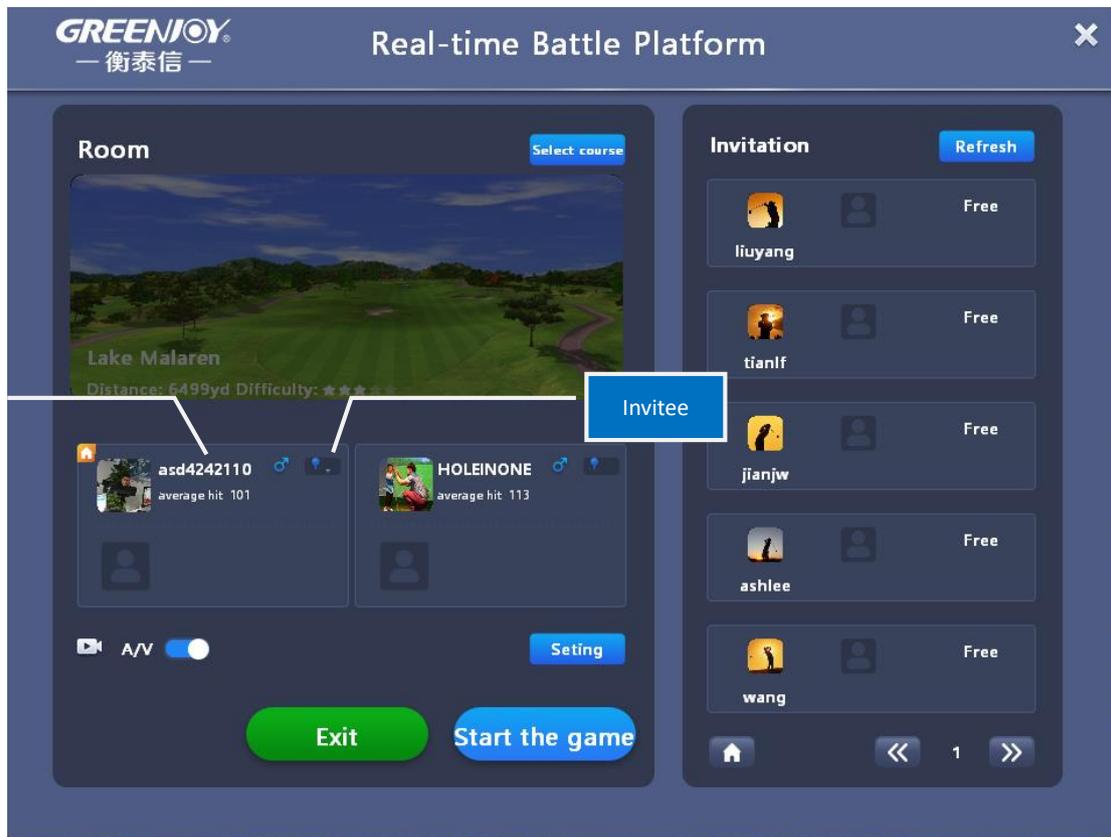
Main player send invitation

3) Invitee can chose 'Accept' or 'Refused' after receive the invitation.



Invitee receive the invitation

- 4) After match successfully, the inviter and the invitee can start audio call. The rules of the game can be set by the main player, including Course selection, Turn on/off Audio/ Video , Mulligan, OK, Wind volume and the green speed.



Main player

Invitee

- 5) Click 'Start the Game' to start. Enter the 'Realtime battle' interface and play in turn.



① Audio of main simulator

② Invitee audio

③ Quit, Scorecard, Green Sideline putting, manual update

④ Mulligan(M), Drop (D)

Real time battle interface

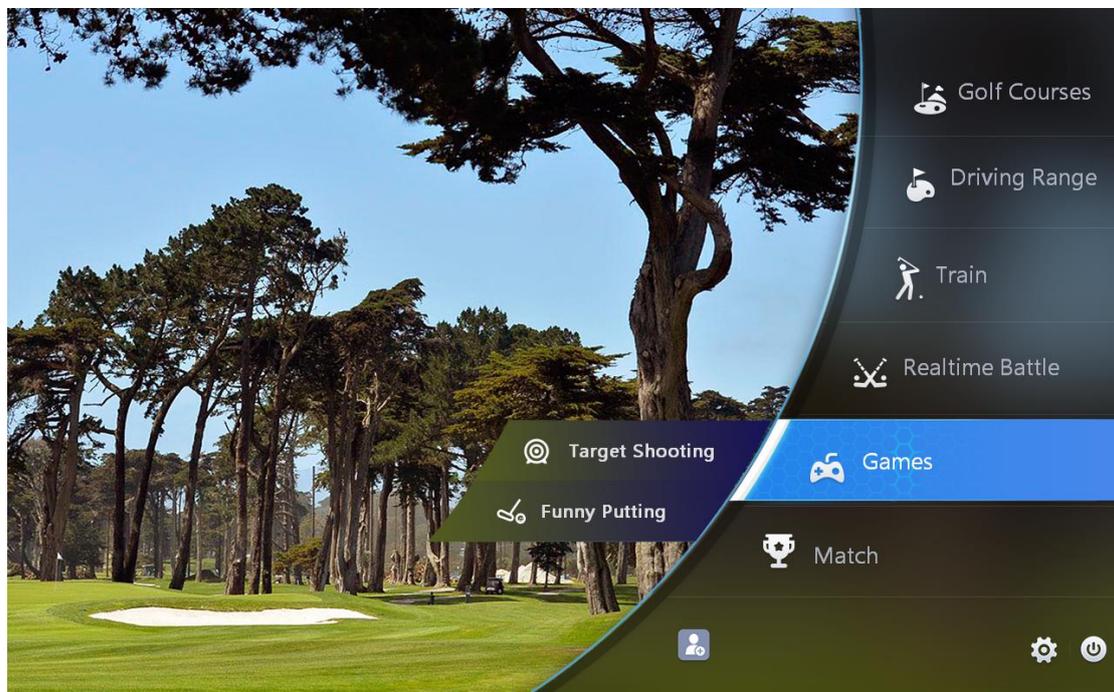
Use manual update to update the data that may delay due to the net lag.

Click



5. Game

Game mode including target shooting and shooting game.



1 Target Shooting

1) Interface introduction



Domestic rank

Scorecard

Score details

1> Score details



2> Domestic rank

The rank shows the top 8 players by total scores. The rank also shows their best score, game rounds and average score.



2 Putting Game

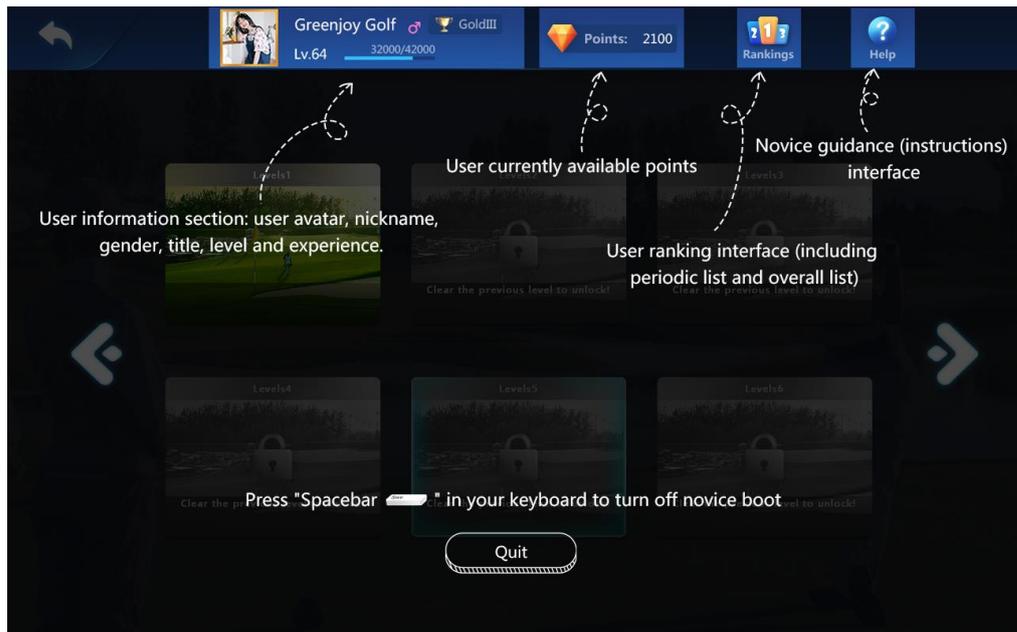
Putting game only support 1 player currently.

- ▷▷▷ 18 levels opened up. Finish a hole in 3 stoke will enter the next level.
- ▷▷▷ A level will restart after failed in a hole;
- ▷▷▷ Success level up will win experience and score awards.
- ▷▷▷ The less stoke, the much experience.
- ▷▷▷ Win 20 score award when finish a level only at the first time.



Only allows one player

- 1> The new player guide will pop up when enter the putting game at the first time. Use 'blank' in keyboard or click 'Quit' to quit the player guide.



2> Chose a level to start.



3> The sideline putting interface introduction

3

4

5



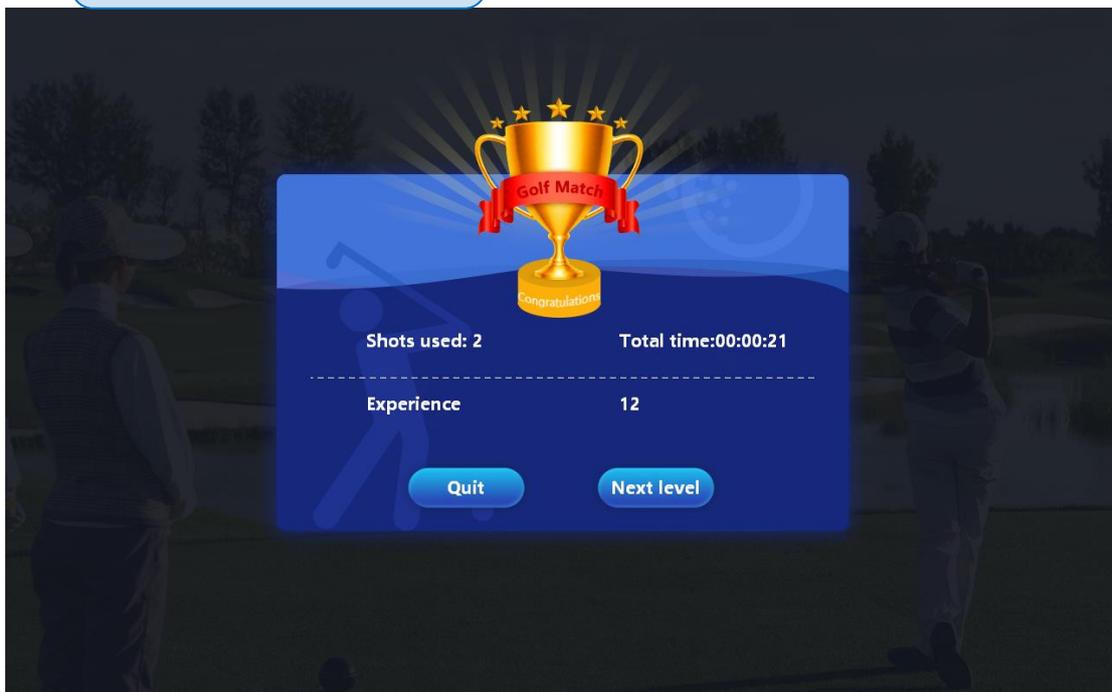
- | | |
|--|---|
| ① Quit | player info, rest stoke and player title. |
| ② Restart | ④ Map of the green |
| ③ Level information: Current level and hole, | ⑤ Adjust distance/ distance/Slope |

4> Level up. This page give detail information, including the last hole score, total time spend and experience earned.

☆ Shortcut key operation☆

Left←: Quit

Right→: Next level



5> Ranking: Including periodic list and total list. The Periodic list change from time to time.

Player on the rank will win score award.



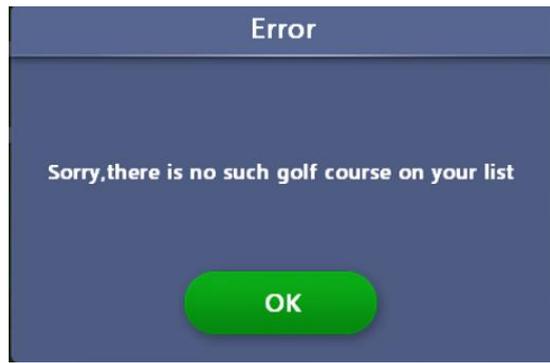
6.Match

Click 'start' to enter a tournament.

- ◆ Error: The user don't have authority.
- ◆ The player can only free enter a limited course when join in the official match. The limited course can be purchased.
- ◆ A match can not take place in a limited course. The course need to be purchased separately.



Click 'start' to enter the match



Don't have Match function or don't have authority

Match interface introduction



- | | |
|--------------------------|------------------------------------|
| ① Quit | ⑨ Network status |
| ② Player setting | ⑩ Course information |
| ③ Video compare teaching | ⑪ Player information |
| ④ Scorecard | ⑫ Real-time video |
| ⑤ Green sideline putting | ⑬ Map of the green |
| ⑥ Video playback | ⑭ Map of the fairway |
| ⑦ Current player | ⑮ Wind direction/ wind speed |
| ⑧ Play status | ⑯ Adjust distance/ Distance/ Slope |
- ※ Add/delete player is limited while in a match

1> Player setup

Player Setup

Name		Tee Setup	Level
Guest 1	♂		Pro Ama Beg
Guest 2	♂		Pro Ama Beg
Guest 3	♂		Pro Ama Beg
Player4	♂		Pro Ama Beg
Player5	♂		Pro Ama Beg

Dis. Unit < Yard >

OK

※ Tee position, difficulty, Mulligan , OK, wind volume can not be set during a match. Use default match setting.

08 FAQs

1. Simulator installation failed

Problem: During the automatic installation process, the installation is interrupted midway, or an error occurs during the installation, lead to failed installation.

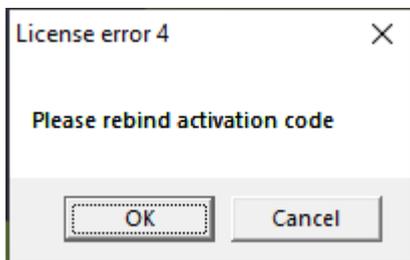
Solution: Please restart the computer, and then restart the automatic installation program.

2. The new function or courses do not appear after authorization

Problem: After the background system authorizes new functions and courses cannot take effect immediately.

Solution: Unbind the activation code; re-bind; the new functions and stadiums can be successfully authorized.

3. A License error is reported when starting the emulator



Problem: The license error window pops up when the simulator is started. The following two scenarios will cause license errors:

Scenario 1: GreenJoy3 simulator has been installed on the computer before;

Scenario 2: A special USB device or wireless network card is connected to the computer interface.

Solution:

For scenario 1: In the above 'License error' page, please click 'OK' and restart the simulator, and re-bind the activation code to activate the simulator.

For scenario 2: Unplug the USB device or wireless network card; click the 'Cancel' button in the above page; restart the emulator.

If this error message still pops up after unplugging external devices, please click the 'OK' button and rebind the activation code.



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