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MicVirtual Office

Joining guide

For Desktop and VR
Headset users

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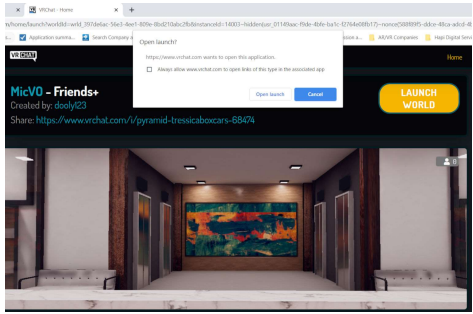
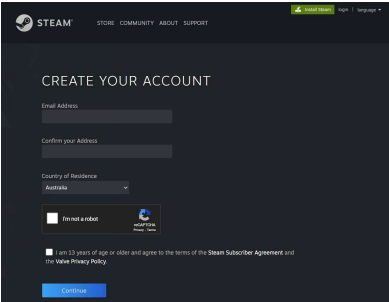
MicVirtual Office “MicVO” Introduction



- You are about to enter the amazing world of Virtual Reality using a popular social platform called VRChat.
- VRChat is a well-established social platform where “Gamers” have been collaborating for many years.
- For the optimum experience a 3D VR headset is recommended (e.g. HTC Vive/Pro, Valve Index, Oculus Rift/Quest, HP REVERB G2vetc). "It's amazing!",
- However many users access VRChat using a standard Desktop on a daily basis
- This access guide focuses on Desktop users

Quick Launch

- Create an account in Steam and install the application using the link below:
https://store.steampowered.com/join/?redir=join/&nr=1_60_4_62
- Log-in into your Steam account, search and download VRChat from the Steam App store, then sign-up
- Launch MicVirtual Office
 - Copy this link into your browser & hit enter
 - <https://vrchat.com/i/dr-deportduddy-b5ed2>
- *The MicVO team can also walk you through the joining process on Teams and Zoom, using screen share.*





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Detailed joining instructions

1. Create an Account and Install Steam

- Go to Steam website to sign up:
<https://store.steampowered.com/join/>
- Fill-out the information required
- Tick all the boxes and click **CONTINUE**
- An e-mail will be sent by Steam to verify your account
- Once done, Steam will re-direct you to an e-mail verified page and you can log-in to your account

- Download & Install Steam 
- Once downloaded, run the file, and follow the prompts 

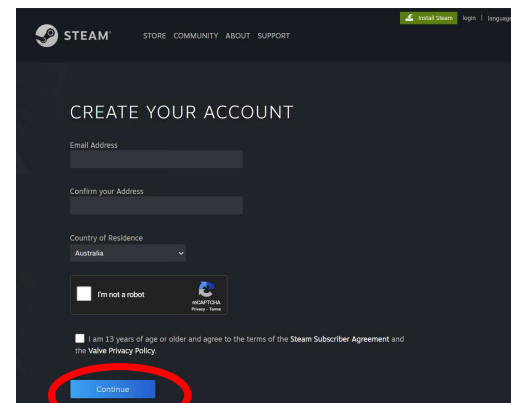


Fig 1. Steam create an account page

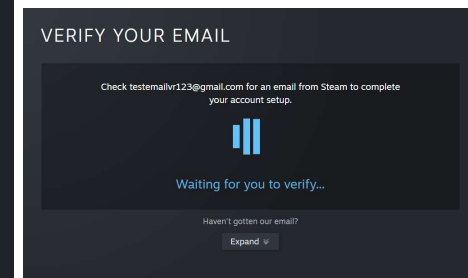


Fig 2. Steam verify window

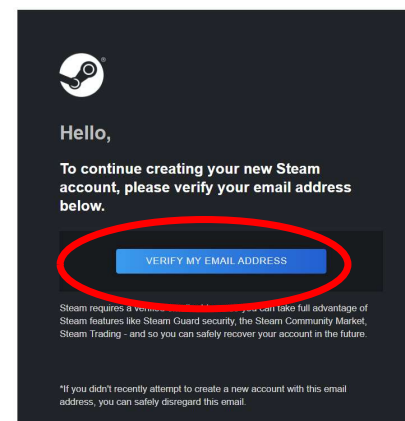


Fig 3. E-mail sent by Steam verify account

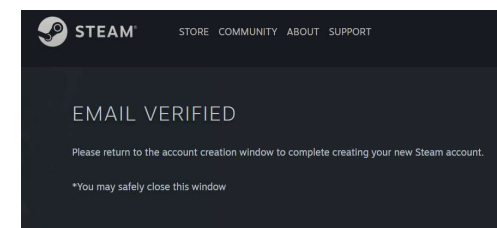


Fig 4. Steam e-mail verification page

Note: If using a Mac consult the MicVO team. You will need VM software and Windows installed

2. Download VRChat from Steam App Store

- By default the Steam App will display the **STORE** page
- Type “**VRChat**” in the search bar (top-right), and click VRChat in the drop-down menu that will appear
- VRChat application page will be display
- Scroll down, and click **Play Game** button to install VRChat.

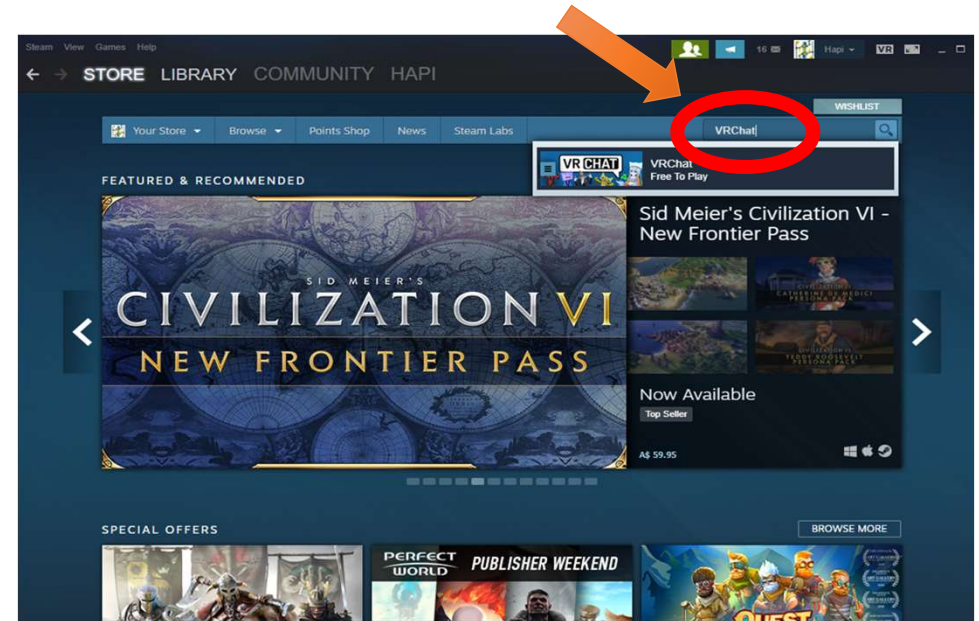


Fig 5. Steam App STORE page



Fig 6. Steam App VRCHAT download page

2.1 Signing into VRChat (Desktop Users Only)

- Locate the **VRCHAT Icon** in your desktop
- **Double click** the icon to launch VRCHAT

- **Option 1**
 - Click the **STEAM** button in the log in screen
 - This will use your steam account to launch VRChat, by default
- **Option 2**
 - If you plan to use an Oculus headset in future, click **CREATE ACCOUNT**
 - This will take you to a separate url screen to establish a direct account with VRChat, which streamlines future logins
 - When you return to this sign-in page use **VRChat** to login

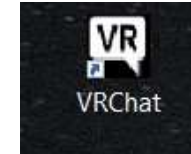


Fig 7. VRCHAT icon in your Desktop

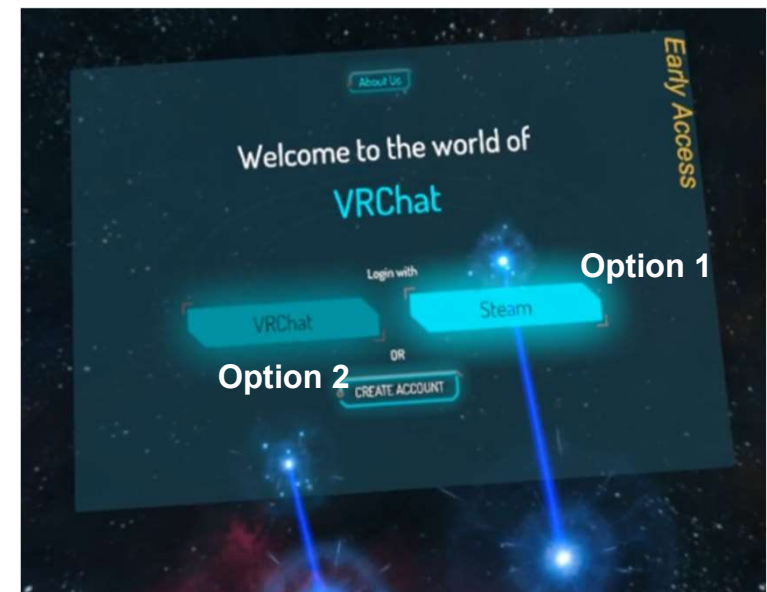


Fig 8. VRCHAT Log in screen

Note: There will be extra steps if you're using VR headset

2.2 Signing in VRChat

- Make your username (and password) easy to remember. Friends will search for you with your username
- For a corporate account username, it is suggested that you use your first name plus some initials (e.g. MikeXR)

Note: If you plan to use a VR Headset later, we recommend creating a standalone VRChat account (you can link your Steam and VRChat accounts later).

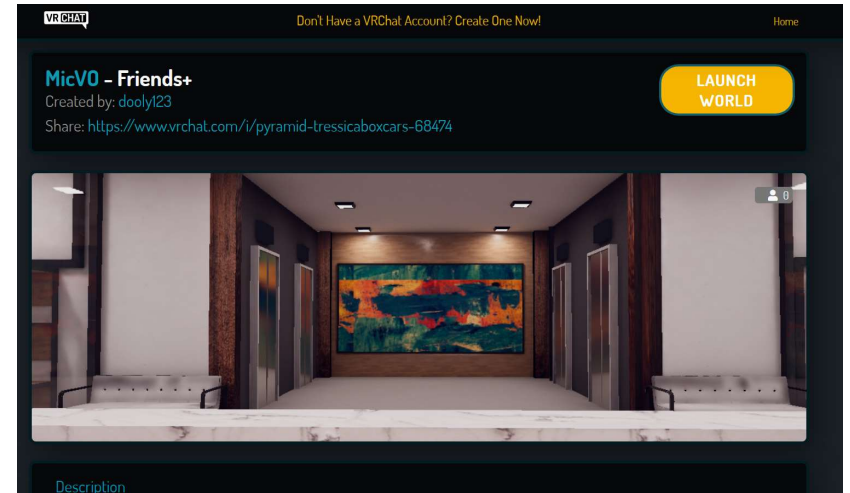
3. Launch MicVirtual Office

Best option

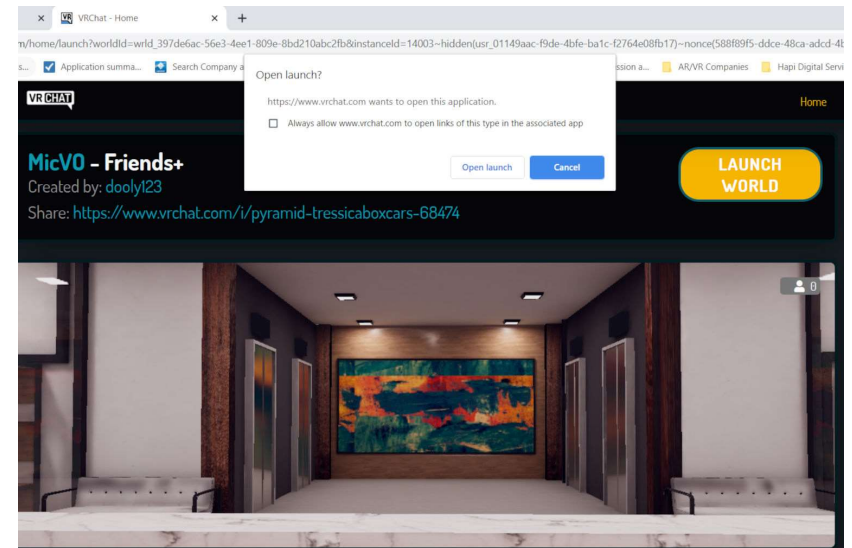
- Use the MicVO link below by copying this link into your web browser
<https://vrchat.com/i/dr-deportduddy-b5ed2> and press enter
- Click LAUNCH WORLDS
- Click Open Launch

Note: If you are not logged into VRChat you maybe asked to do so.

1.



2.



3.1 Launch MicVirtual Office

- Screen (1) will appear and begin loading
- Click “Go” when the loading confirmation screen appears (2)
- **“Welcome”** you have arrived at the MicVirtual Office!

Moving around

- Use the mouse to orient the camera and press “w” key to move forward
- Let’s take a tour, locate friends and chose some avatars!





Moving around in VRChat

The Essentials

Key	What it does
Mouse	Point curser and left click to interact with any object
W	Moves player forward
A	Moves player left
S	Moves player back
D	Moves player right
Escape	Open VR Chat menu
V Hold	Enables microphone
V (if using toggle)	Enables microphone
Space	Jump
Alt tab	Move out of VRChat to other desktop applications

Next steps

Key	What it does
Z	Crawl
C	Crouch
Shift	Makes player run
Left Click	Pick something up or sit on a chair
Right click	Drop pick up
Right click (hold)	Shows interaction mouse
Control + N	Players name tags
Shift+esc	Safety setting

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Alternative Navigation

4. Alternative navigation in VRChat

- When you login to VRChat, you may be directed to a default home world.
- This features introduction videos, a mirror, and portals to other worlds (such as VRChat Hub).
- Your microphone is muted by default, unmute your microphone by pressing “v” on your keyboard.



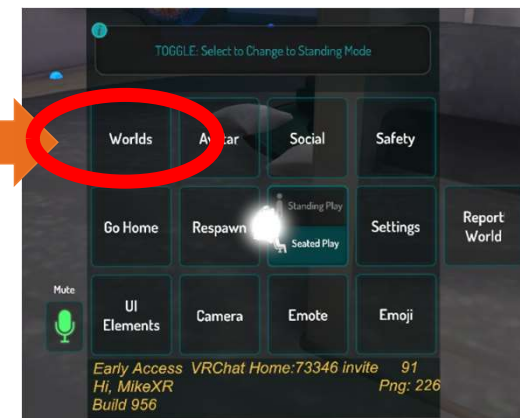
Fig 8. 3D Environment: VRChat Default Home World 2020



Fig 9. Muted microphone Icon in VRChat screen

4.1 Navigating to MIC Virtual Office – Alternative Option

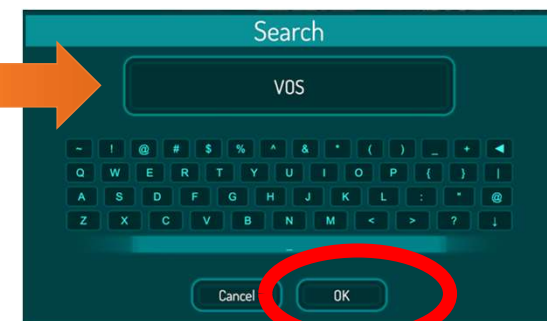
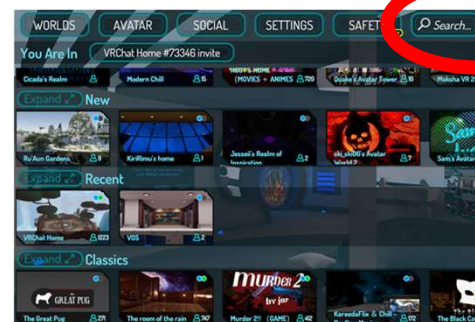
- Press **ESC** in your keyboard to open VRChat main menu
- Click **WORLDS** to open World Browser



- Click **SEARCH**, type **MicVO** then click **OK**

- **Note MicVO is currently in private mode-so only accessible via the link below**

- <https://vrchat.com/i/dr-deportduddy-b5ed2>
- Or via a friend request – see over page

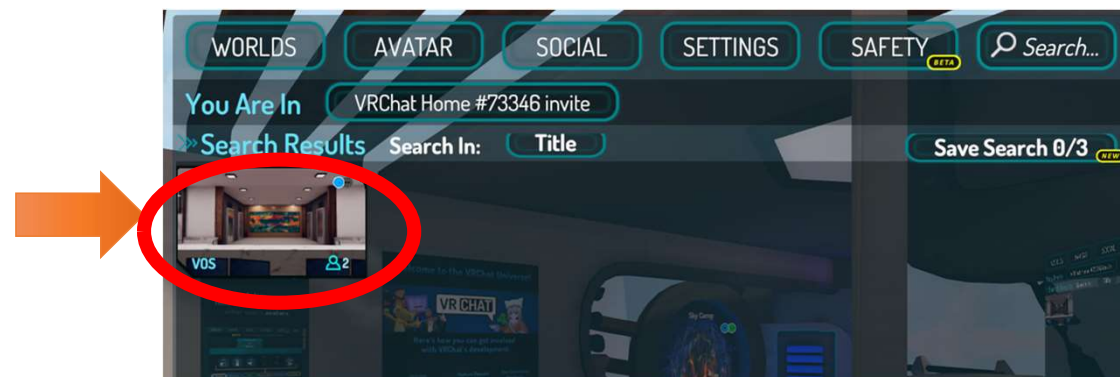


Slide 14

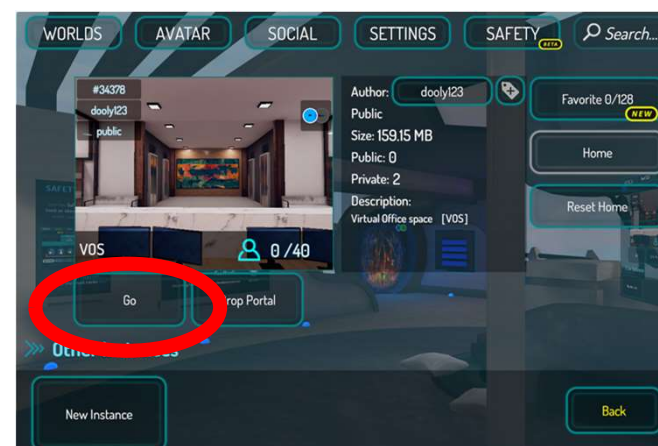
F1 update the 4th image
Freeman, 1/12/2020

4.2 Navigating to MIC Virtual Office – Alternative Option

- Click the **MicVO** that will appear under the search results



- Click **GO** to immediately enter MicVO



Slide 15

F2

update the image

Freeman, 1/12/2020

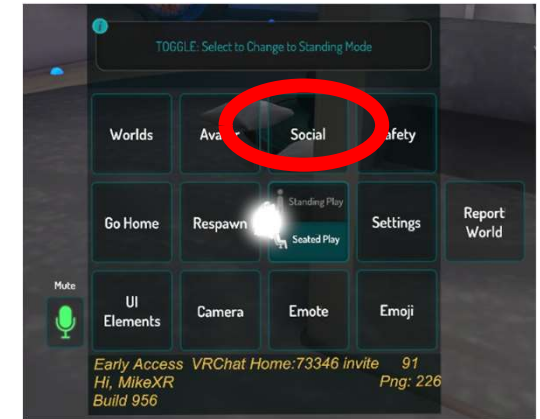
4.3 Finding MikeXR & other friends in VRChat – Step A

(This approach can also bypass navigating via World search)

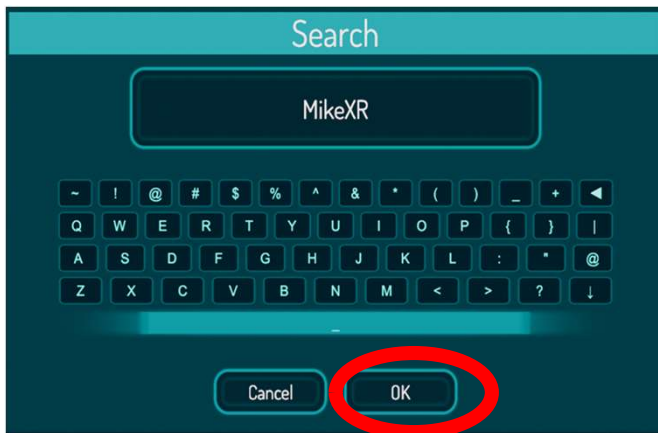
1. Press **esc** in your keyboard to open VRChat main menu
2. Click on **Social**
3. Click on **Search** and type in **MicXR**. Click **OK**
4. Click **MicXR** under the search results
5. Click **Friend** to send friend request



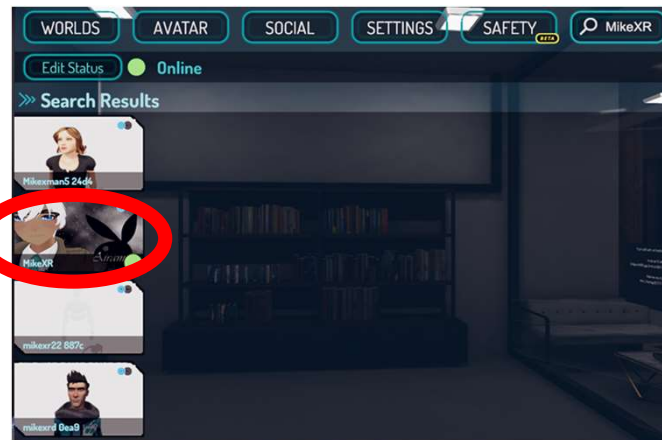
Step 1



Step 2



Step 3



Step 4



Step 5

4.3 Finding MicXR & other friends in VRChat – Step B

(This approach can also bypass navigating via “World search”)

1. Click on Friend, this will send a “friend request” to MicXR that will accept your request and then be able to join your world
2. MicXR can also send you a friend request. A notification icon will appear in your VRChat screen
3. To join on MicXR, open your VRChat menu by pressing **esc** and select **Social**. Under **Online friends** click on MicXR’s image and click on **Join**

Note: In VRChat there are parallel worlds-both public & private instances. Friend Requests transport you to the right instance.

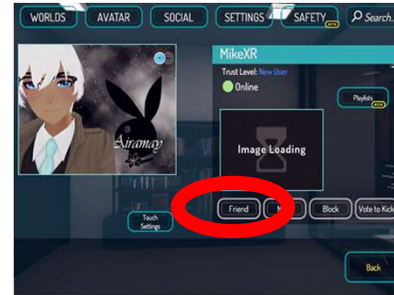


Fig 13. VRChat player profile



Fig 14. VRChat friend request icon

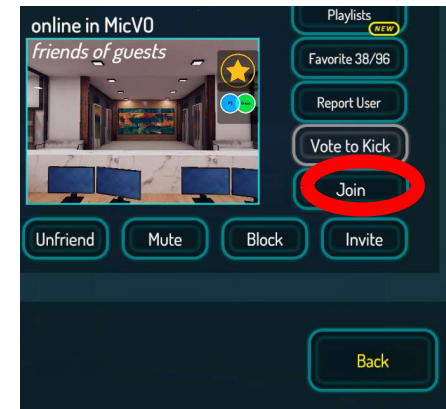


Fig 15. VRChat user – Joining world

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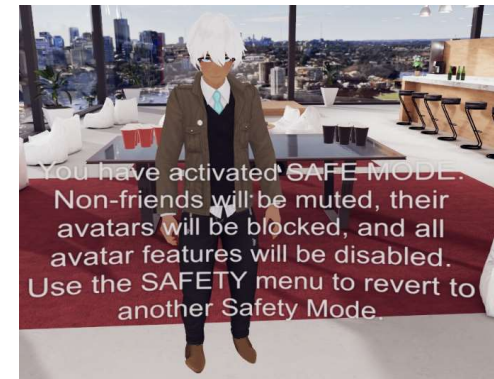


Performance and Safety

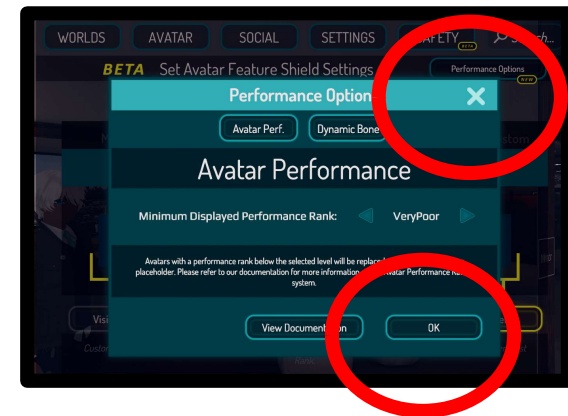
5. Performance and Safety

- Safety settings
 - Safe mode = shift+esc
 - This immediately blocks other users you may not wish to communicate with in public worlds
- Improve performance (frames per second-fps)
 - by setting the minimum performance settings or disabling dynamic bones
- Public and private worlds
 - VRChat operates 5 levels of privacy, from Public to Invite only worlds

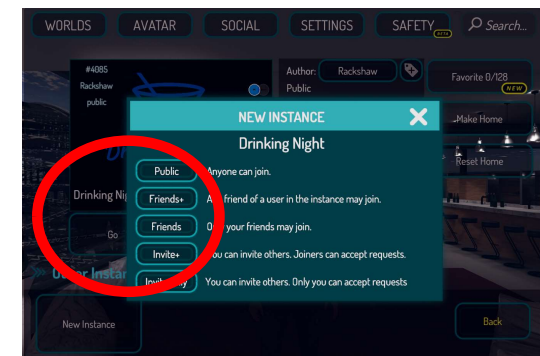
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2



3



6. VR Headsets

For the optimum experience in VRChat, a 3D headset (aka Head Mounted Display or HMD), is recommended. "It's amazing".

- An Oculus Quest can be used as a Standalone device for an immersive 3D experience
- However a connected 3D Headset with a Gaming PC does provide the optimal performance. These include Valve Index, HTC Vive & Pro, Oculus Rift. The Oculus Quest can also be used with a Gaming PC with a “Link Cable”. **The new HP REVERB G2 will also work.**
- The minimum Specs for a compatible Gaming PC are:

Component	Recommended Spec
Processor	Intel i5-4590/AMD Ryzen 5 1500X or greater
Graphics Card	Nvidia Titan X, GTX 1060/1070/1080, or anything in the GTX 16 or RTX 20 series.
Memory	8 GB+ RAM
Operating System	Windows 10
USB Ports	1 x USB port

- Performance in VR is measured by how immersive an experience is. Contributing factors include field of view, body tracking, latency, rendering polygons, mapping textures, frame rate and resolution. The greater the processing power of the CPU and the graphics card (= frames per second) the better the experience. Internet connection strength is also a contributing factor.