



INSTRUCTIONS FOR THE INSTALLATION OF THE VIRTUAL REALITY GAME APPLICATION

Erasmus+ KA201 Project: “VR in School Education & Civic Participation”

Intellectual Output 4

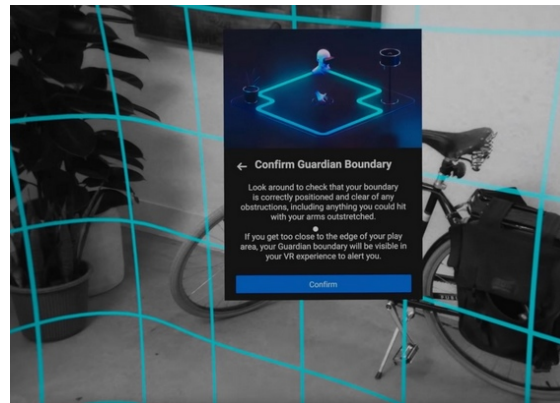


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1) Play Area Setup

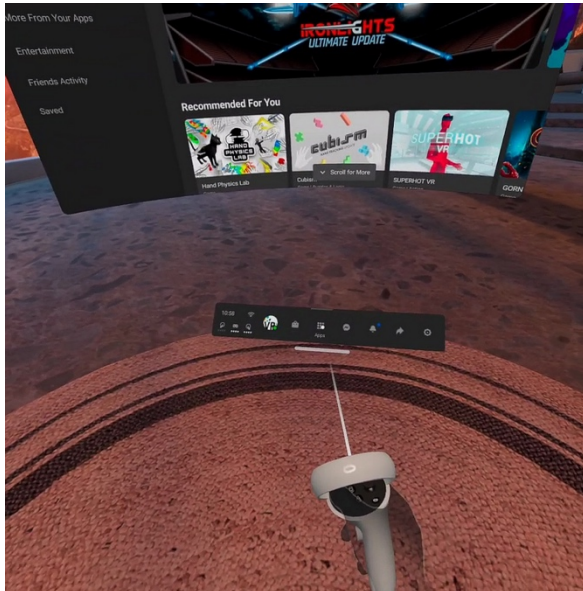


- 1) When putting on the Oculus Quest headset for the first time you should see black and white view of your room through the headset's cameras. This is where you setup your play area.
- 2) To setup the play area first you need to adjust the floor level. You will see a horizontal grid which represents the virtual floor level. If the grid appears above the real world floor level you can adjust it by moving you controller down at your feet and pressing the **Trigger**.



- 3) Next you will have to define the play area around you. Point the controller at the ground and use the **Trigger** button on the controller to trace a play area.
- 4) Click **Confirm** to finish the play area setup.

2) Launching the App



1. From the bottom menu bar of the Oculus Quest home menu point with your controller and select the **Apps** button.



2. On the top right corner select the **All** drop down menu.



3. Scroll down with the analog stick and select **Unknown Sources**.



4. Select the **"VRinSchoolEducation"** button to launch the app

3) Name Entry

1. Name entry screen. From here you can enter a username for your main character to be displayed online.
2. Point with your controller on the “Enter Playernam...” field and press the **Trigger button** to select.



3. A virtual keyboard will appear in front of you. Tap on each letter by hitting them with the tip of the virtual controller to start typing.



4. Tap on the “**ENTER**” button to close the keyboard. Then point with your controller on the blue “**Connect**” button to confirm and move to the next scene.

4) Avatar Selection

1. From here you can choose your virtual avatar that will represent you in the game.

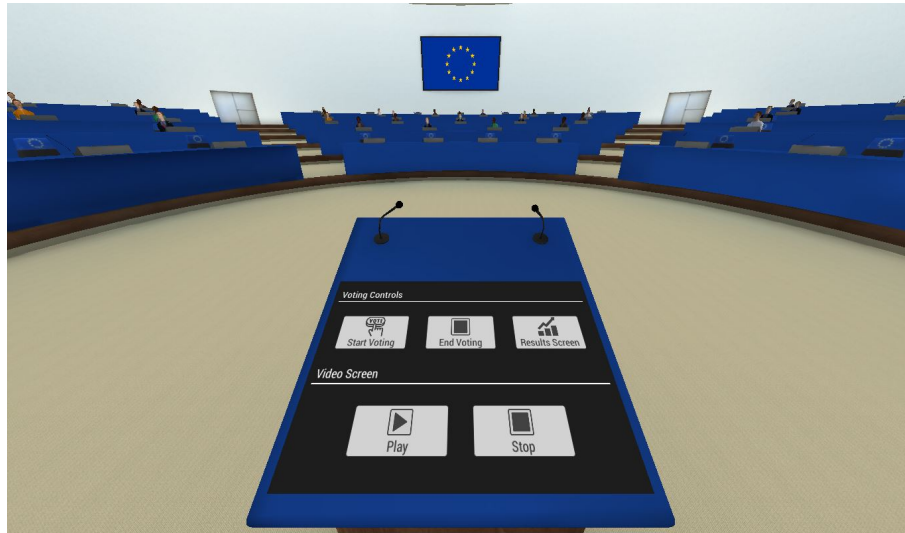


2. Point with your controller on the left and right arrows below the displayed avatar and press the **Trigger button** to select and change the represented avatar.
3. When ready point with your controller on the blue **“JOIN ROOM”** button to confirm.
4. You will now enter the main room which is a virtual representation of the European Parliament.



5) Podium Controls (Host)

The first user who enters the main room will have access to the podium controls at the center of the room. Options include voting controls and video playback controls for the big screen.



To select each button on the podium controls panel you can simply tap them by reaching with your controller.

Voting Controls

1. **Start Voting:** Shows the voting controls panel in front of each user with three buttons for the vote process. User can select one of the options **YES**, **NO** or **ABSTAIN**.



2. **End Voting:** Ends the current voting process and hides the voting controls panel from the users.
3. **Results Screen:** Shows the results on the big screen.



Video Screen Controls



1. **Play:** Plays the preinstalled video on the big screen
2. **Stop:** Stops the video and clears the screen

6) User Votes - Panel Controls (Users)

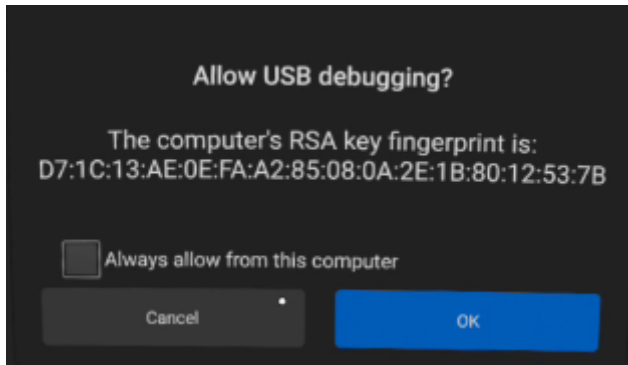
Users can cast their votes when the voting panel is enabled by the main host. To select each button on the voting controls panel you can simply tap them by reaching with your controller.



Users can select one of the options **YES**, **NO** or **ABSTAIN**.

7) Sideloading or Updating the App

1. Download and install the **Sidequest** app to your computer from here: <https://sidequestvr.com/download> and follow the installation instruction provided on the Sidequest's download page.
2. Allow USB debugging between your computer and your Quest (this should be a one-time setup step)
3. Open SideQuest on your computer
4. Plug your Quest into your computer (using a USB cable)
5. Inside your Quest headset, not on your computer, you should see a request to **“Allow USB debugging.”**

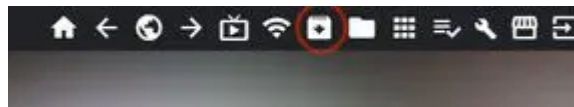


6. If you don't want to have to press OK on this screen every time you plug your Quest into your computer, make sure the 'Always allow from this computer' box is ticked.
7. Press **OK**

Your Quest and PC should now be set up to easily sideload apps via SideQuest.

8) Updating the app using an .apk installation package

In this case, the developer will probably link you to an APK (.apk) file. You can easily use SideQuest to sideload Quest APK files. All you need to do is click on the 'install APK file from folder' button (see below, circled in red).



This will allow you to locate and select the APK file from your computer. SideQuest will then install the application onto your Quest.

In your Quest's library, any sideloaded apps or games will appear in a different category called 'Unknown Sources'. (See Step "2. Launching the App").

Note that in order for players to enjoy the multiplayer functionality of the application it is essential that all the players have installed the exact same version of the application in their respective VR devices.