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Using QLab with Streamyard

Hussein Esmail

February 16, 2022

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Timestamps

Introduction

- To be used for Vanier College Productions but can be used elsewhere
- Intended to be on macOS devices for online performances

Figure 1:
https://yorku.ca/laps/vcp/

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Installation: QLab

Figure 2: https://qlab.app/download/

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Installation: Loopback

Figure 3: https://rogueamoeba.com/loopback/

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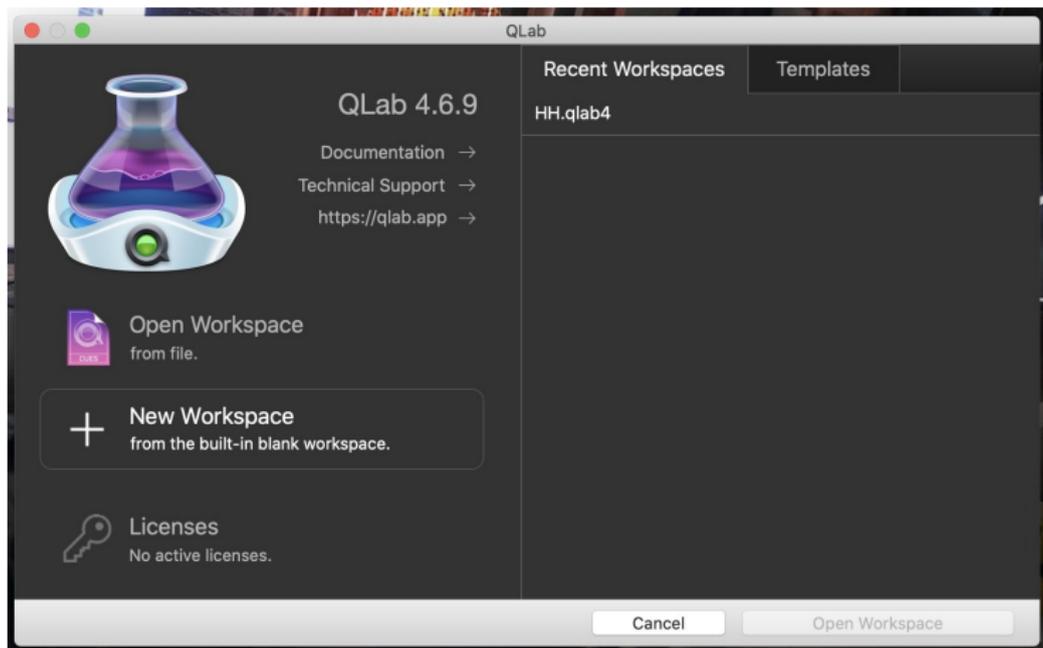
Setting Up QLab

Figure 4: QLab After Installing

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Setting Up QLab - File Structure

Show Folder/

└─→Audio.qlab4

└──→Source Files/

    └─→Source File 1.mp3

    ...

    └─→
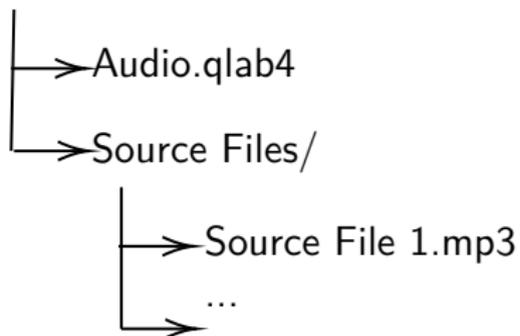
Figure 5: Recommended File Structure

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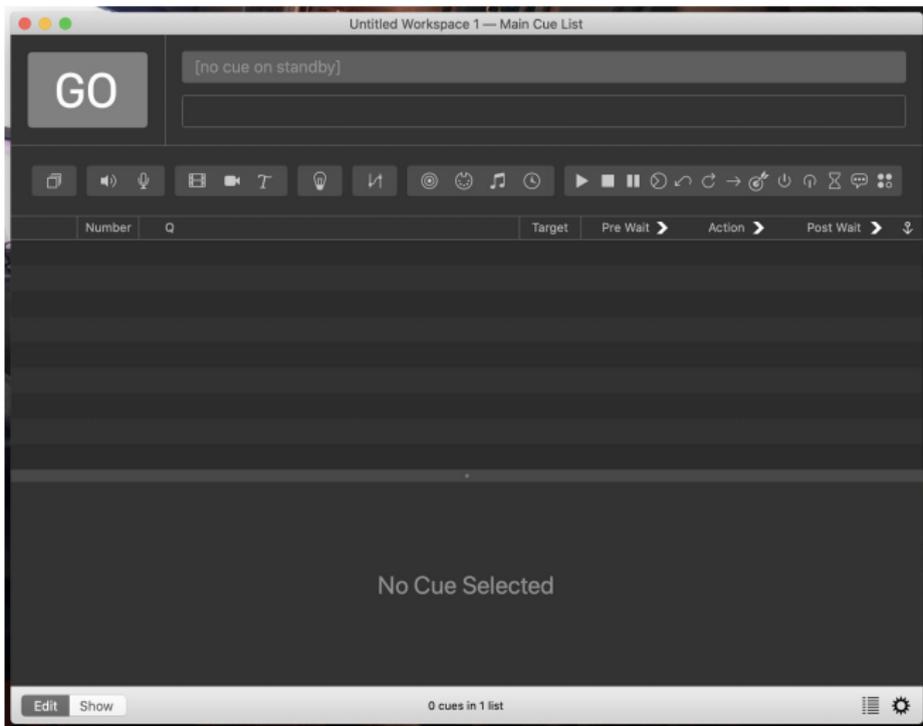
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Figure 6: A Blank QLab Workspace

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Setting Up QLab - Adding Audio
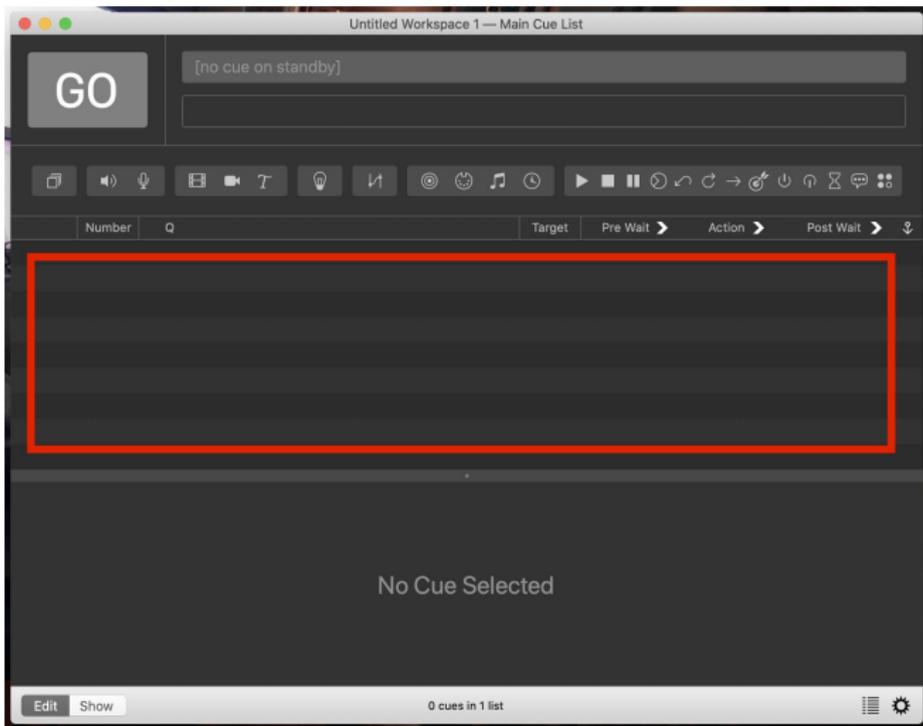
Figure 7: Where to Drag Audio Files

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Setting Up QLab - Audio Added

Figure 8: What QLab Looks Like With Audio

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Setting Up QLab - Adding Notes

Figure 9: QLab Sounds After You Add Notes

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Setting Up QLab - Looping Sounds

Figure 10: Sound > Time & Loops Tab > Play Count

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Setting Up QLab - Sound Outputs (1/2)

Figure 11: Sound > Audio Levels Tab > Audio Output Patch

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Setting Up QLab - Sound Outputs (2/2)

Figure 12: Sound > Audio Levels Tab > Audio Output Patch

Setting Up QLab - Adding Stops

Figure 13: Adding a cue that stops a previous audio cue

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Setting Up QLab - Auto-playing the Next Cue
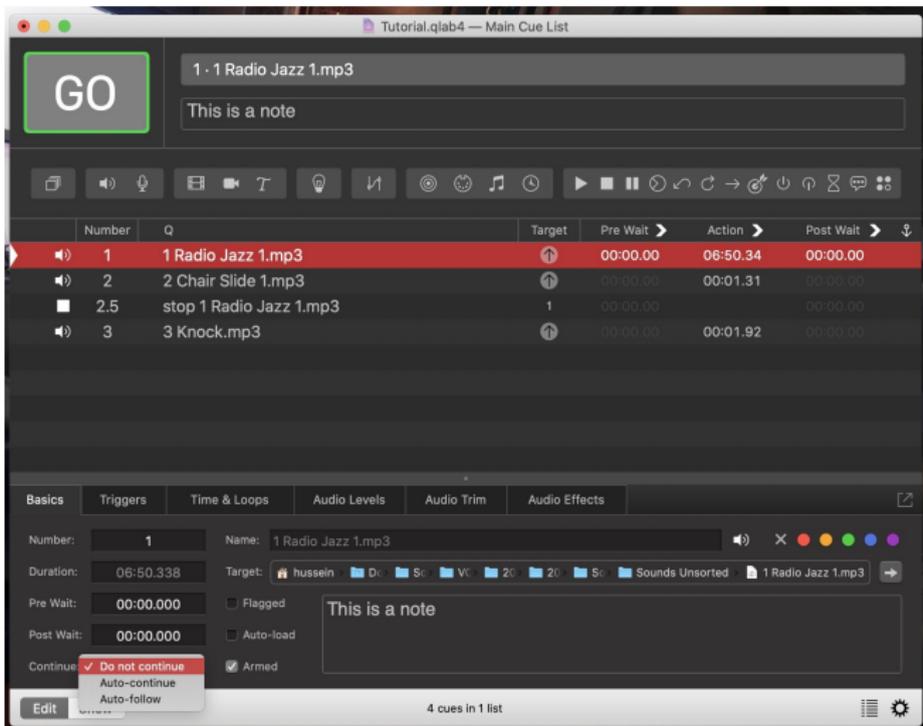
Figure 14: Sound > Basics Tab > Continue

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Setting Up QLab - Delay Before/After a Cue
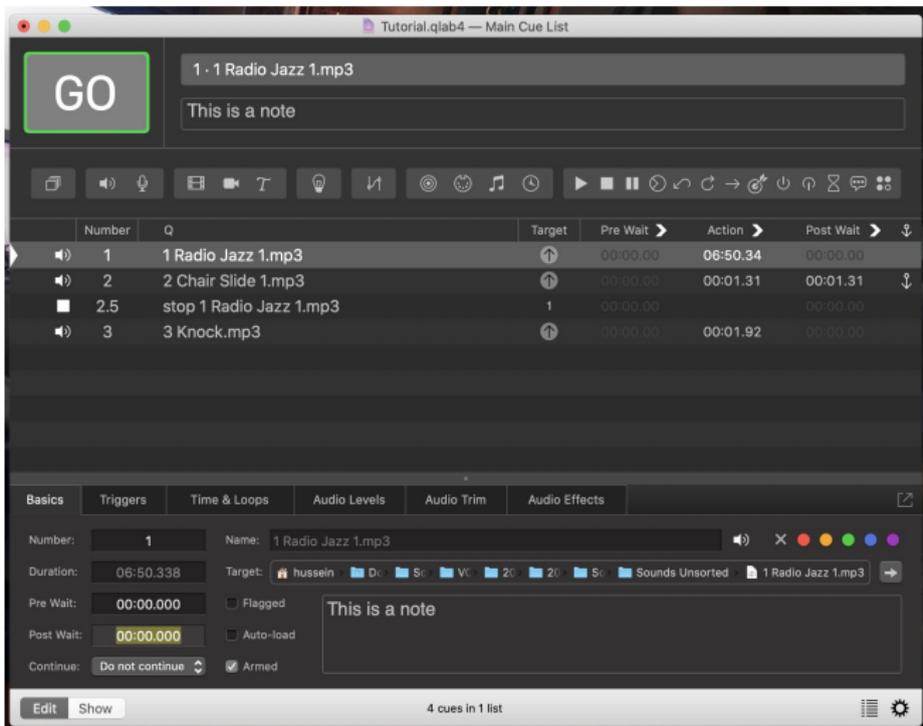
Figure 15: Sound > Basics Tab > Pre/Post Wait

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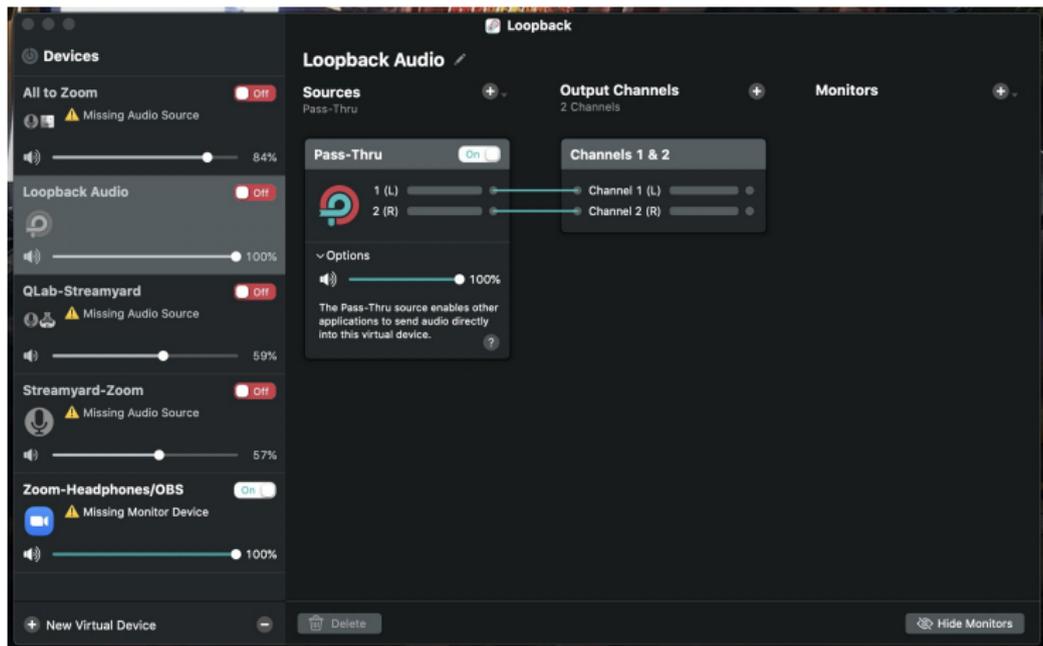
Figure 16: Loopback After Installing

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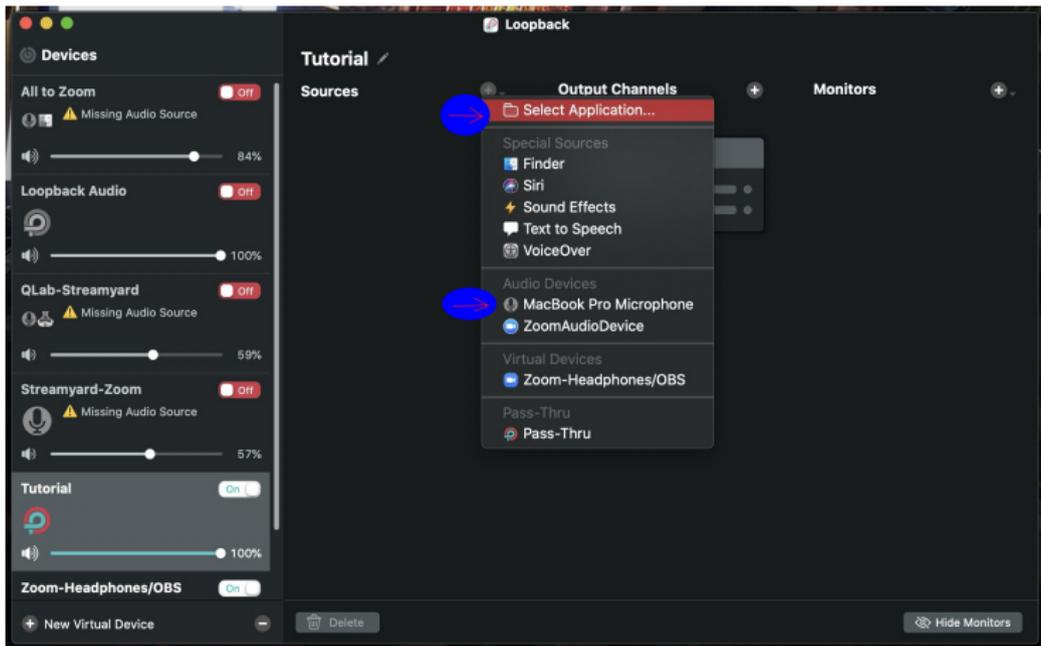
Figure 17: Adding QLab and Microphone as Audio Sources

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Setting Up Loopback - Final Product
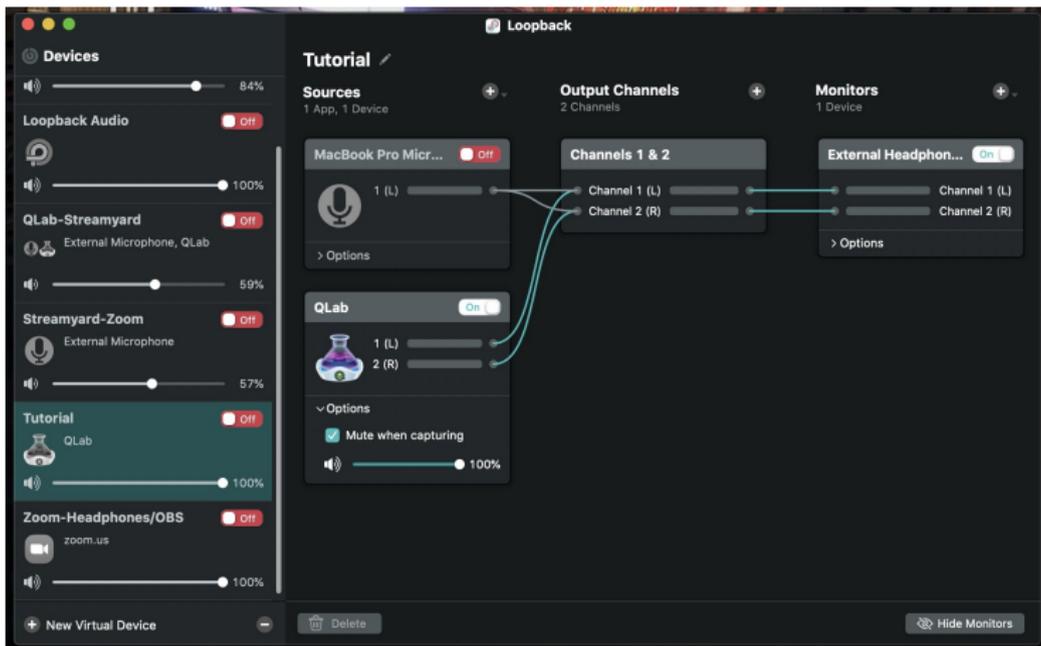
Figure 18: What Loopback Looks Like When It's Ready

Setting Up Loopback - Diagram of What's Happening With Audio Streams

QLab ⟶ Loopback ⟶ Streamyard
(Microphone Input)

Mac Microphone ⟶ Headphones
(Monitor)
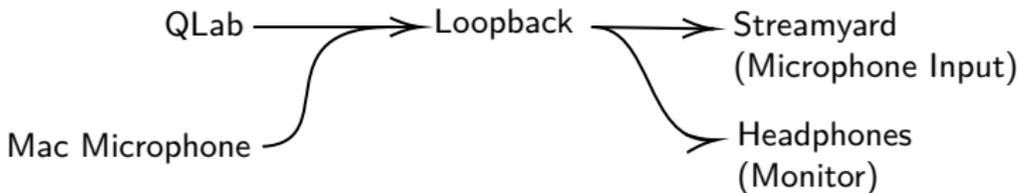
Figure 19: What We Are Doing In Loopback

Streamyard Setup - Making a Broadcast

Figure 20: Creating a Test Broadcast (1/2)

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Streamyard Setup - Making a Broadcast
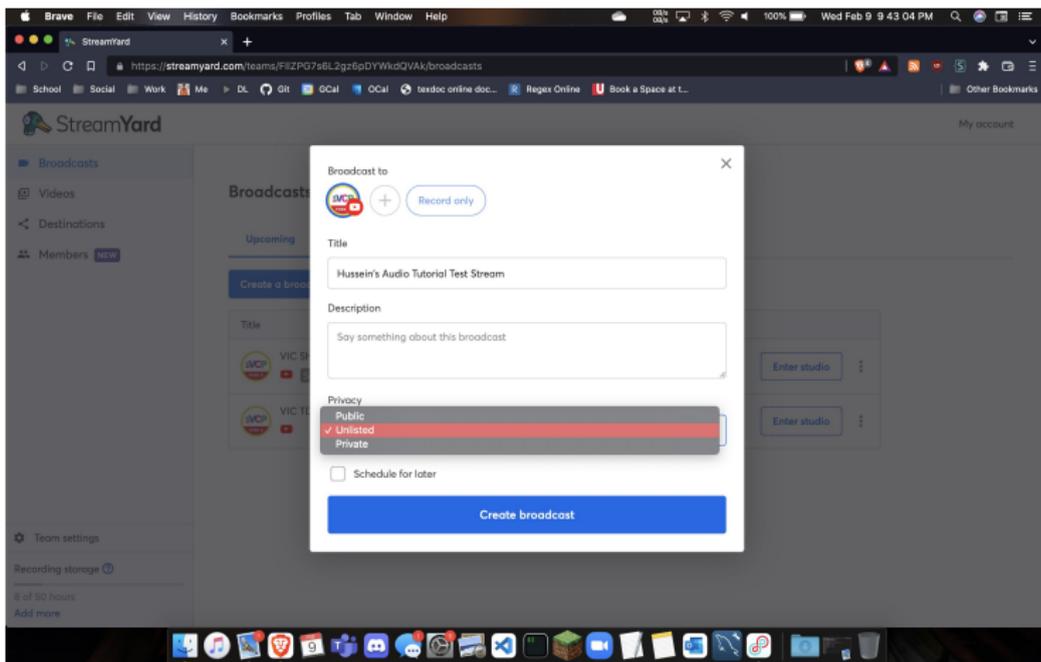
Figure 21: Creating a Test Broadcast (1/2) - Set tests as unlisted!

Streamyard Setup - Joining a Broadcast
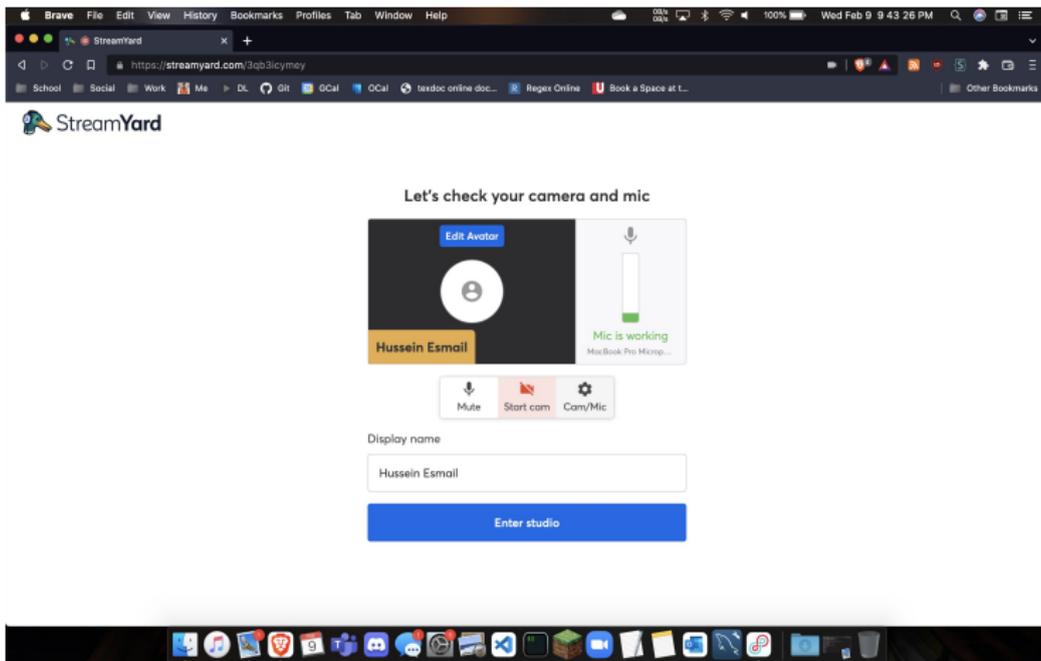
Figure 22: Having the Correct Microphone (1/3)

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Streamyard Setup - Joining a Broadcast
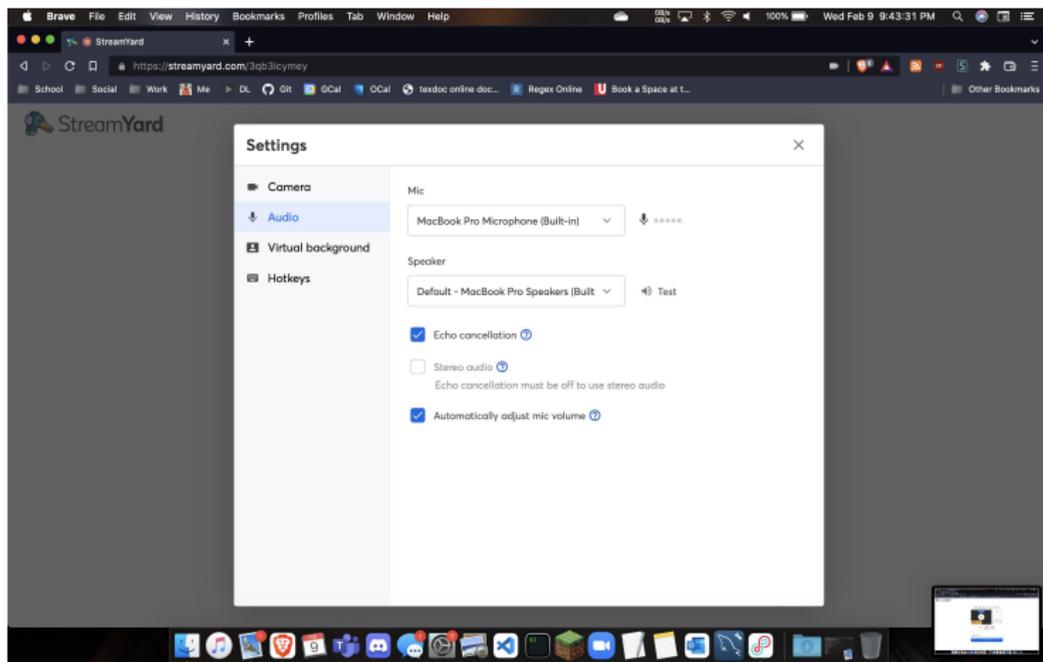
Figure 23: Having the Correct Microphone (2/3)

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Streamyard Setup - Joining a Broadcast
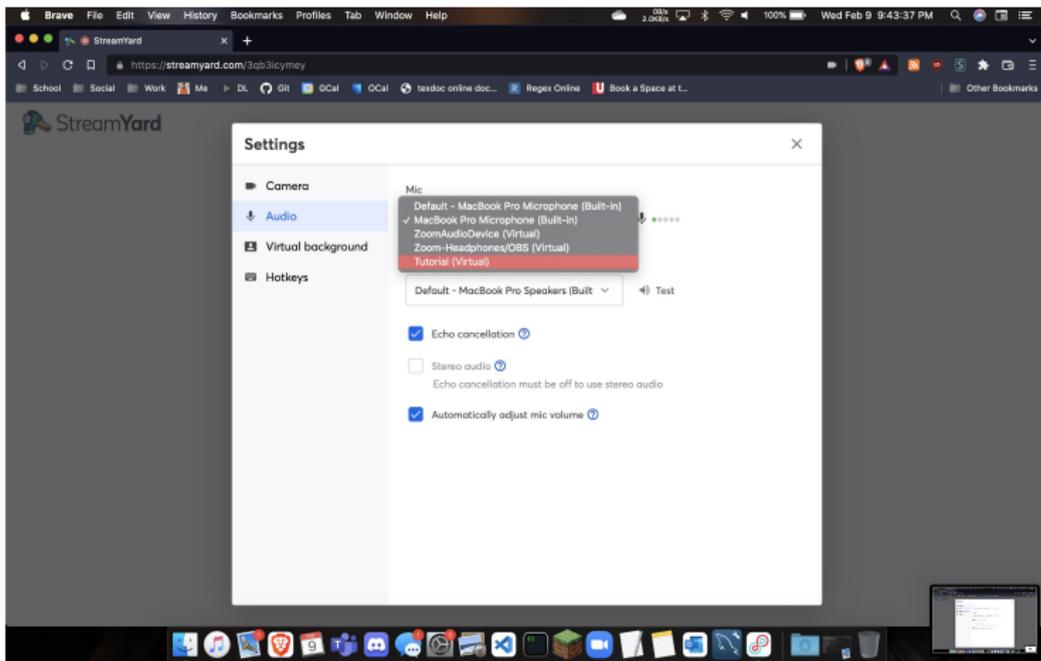
Figure 24: Having the Correct Microphone (3/3)

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Streamyard Setup - Joining a Broadcast
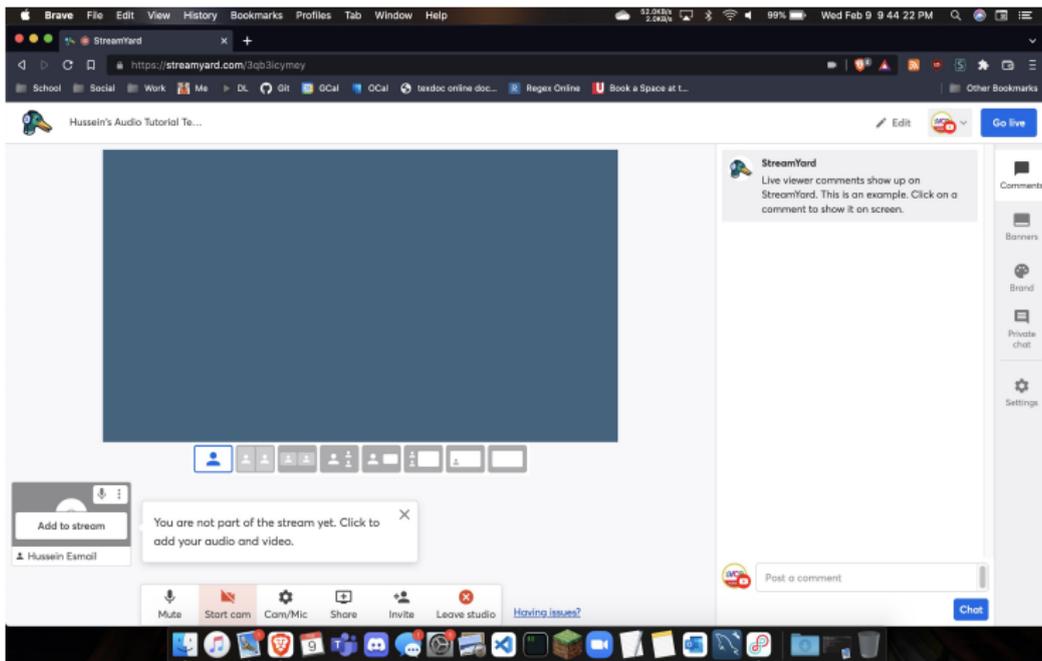
Figure 25: Adding Yourself To The Stream

Streamyard Setup - Joining a Broadcast
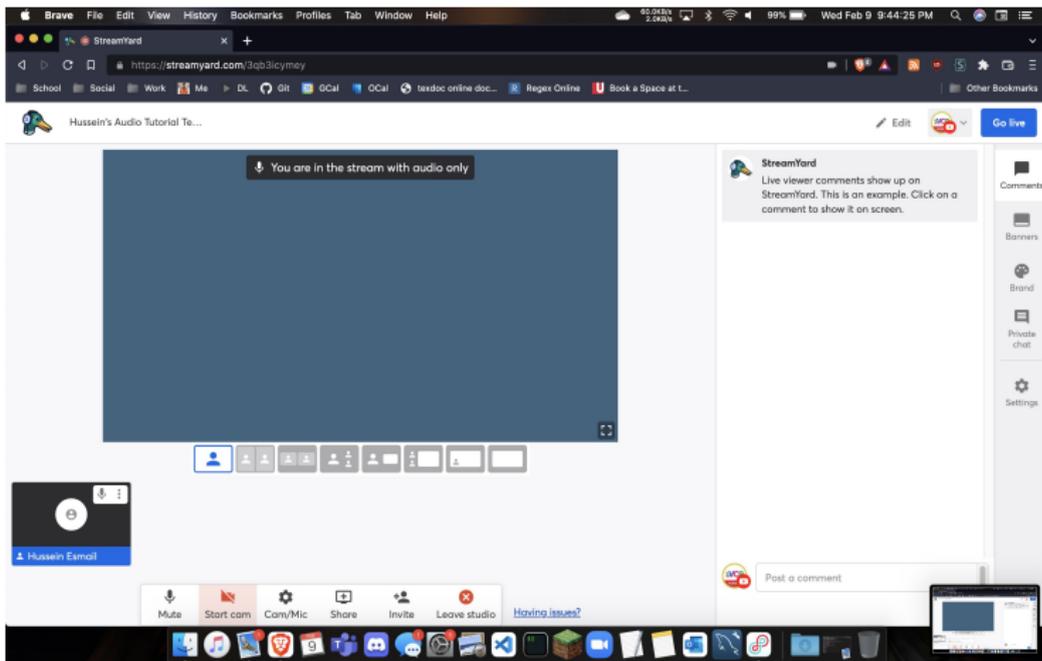
Figure 26: Make Sure Your Camera Is Off

Streamyard Setup - View The Broadcast On YouTube
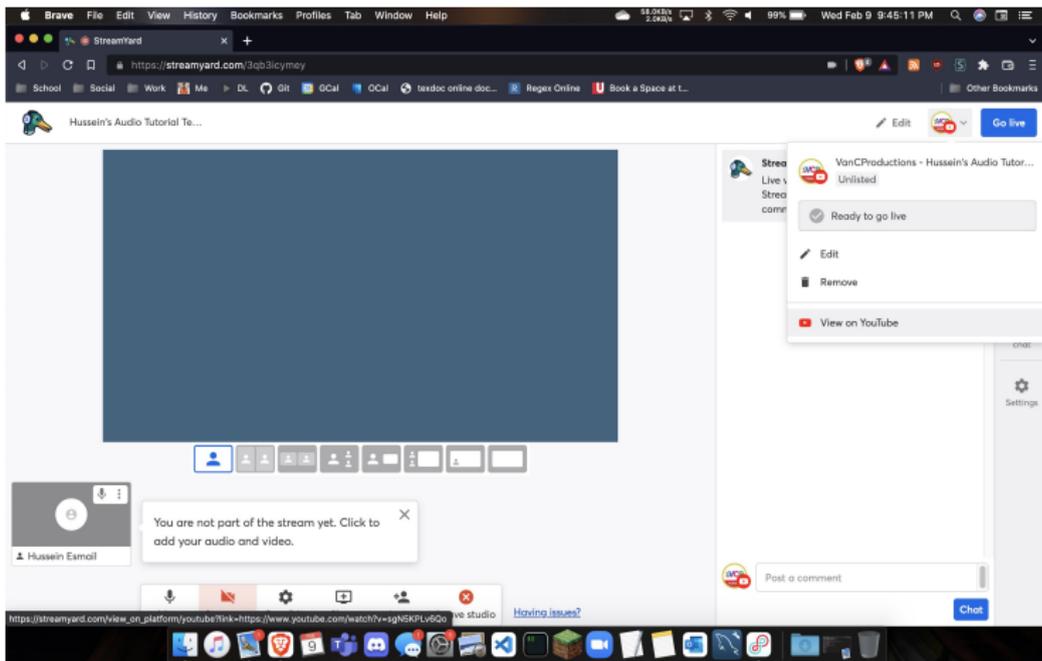
Figure 27: Logo in top-right corner > View on YouTube

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Figure 28: https://husseinesmail.xyz/contact/