



OBS Studio - Livestream



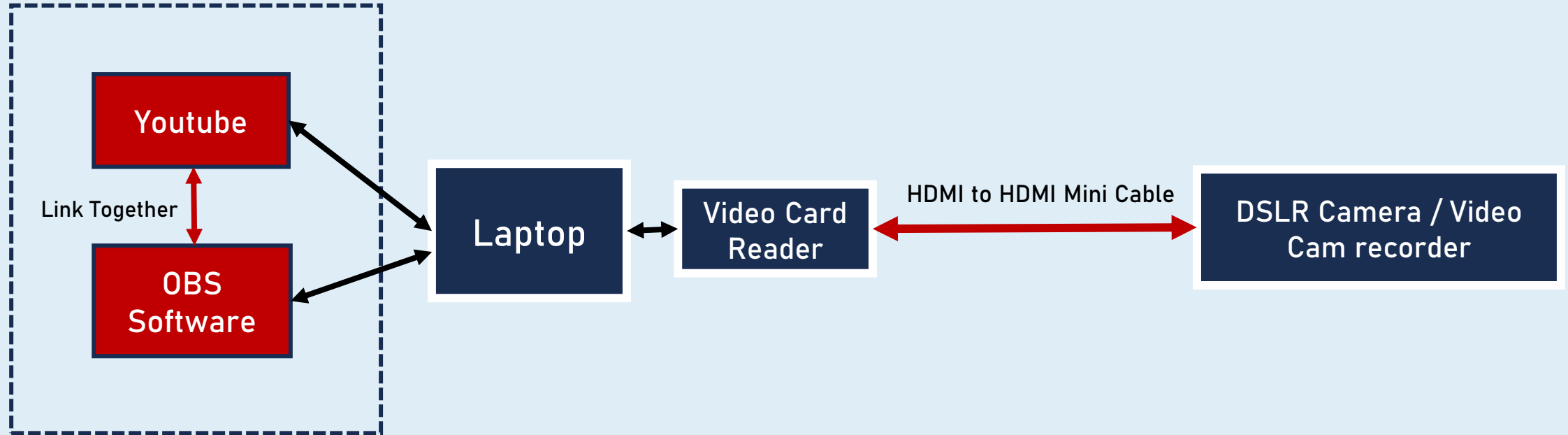
Md Fadly Ghani

Endeavour Primary School

List of Equipment Required for Livestream

Items	Description	Qty
DSLR Camera / Video Camcorder	High-quality cameras for photos or videos, while camcorders are specialized for video.	1
OBS Software	Free tool for video recording and live streaming, capturing audio and video from various sources.	1
Laptop (High-End)	Powerful computer for tasks like video editing and streaming, with a fast processor and good graphics.	1
HDMI to HDMI Mini Cable	Connects devices with standard HDMI (e.g., laptop) to those with smaller HDMI Mini ports (common in cameras), transferring audio and video.	1
HDMI Video Capture Card	Connects camera to laptop, converting HDMI output for video capture and streaming.	1
YouTube Account	Personal channel on YouTube for uploading, sharing, and managing videos, essential for reaching a wider audience.	1

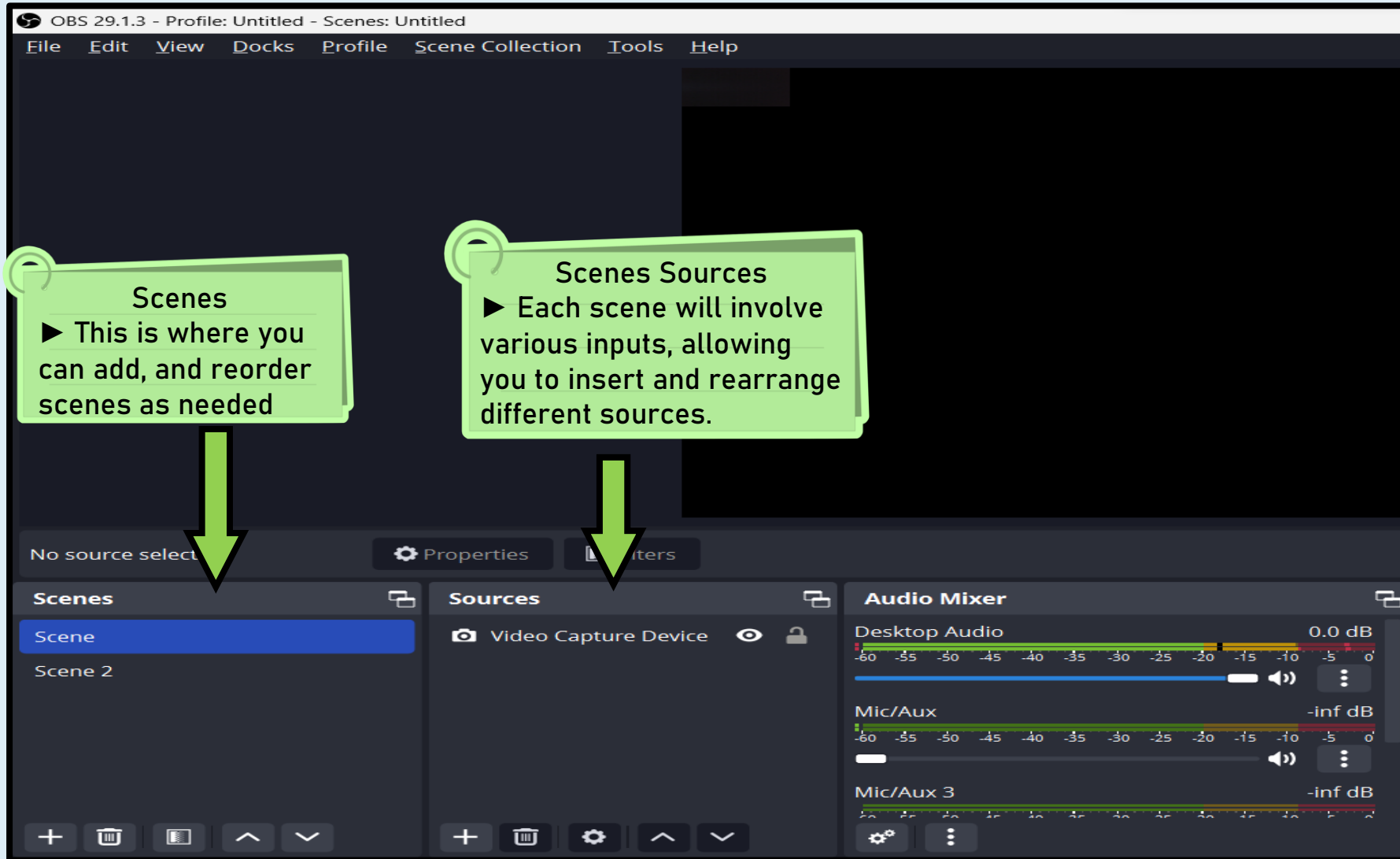
Media Layout



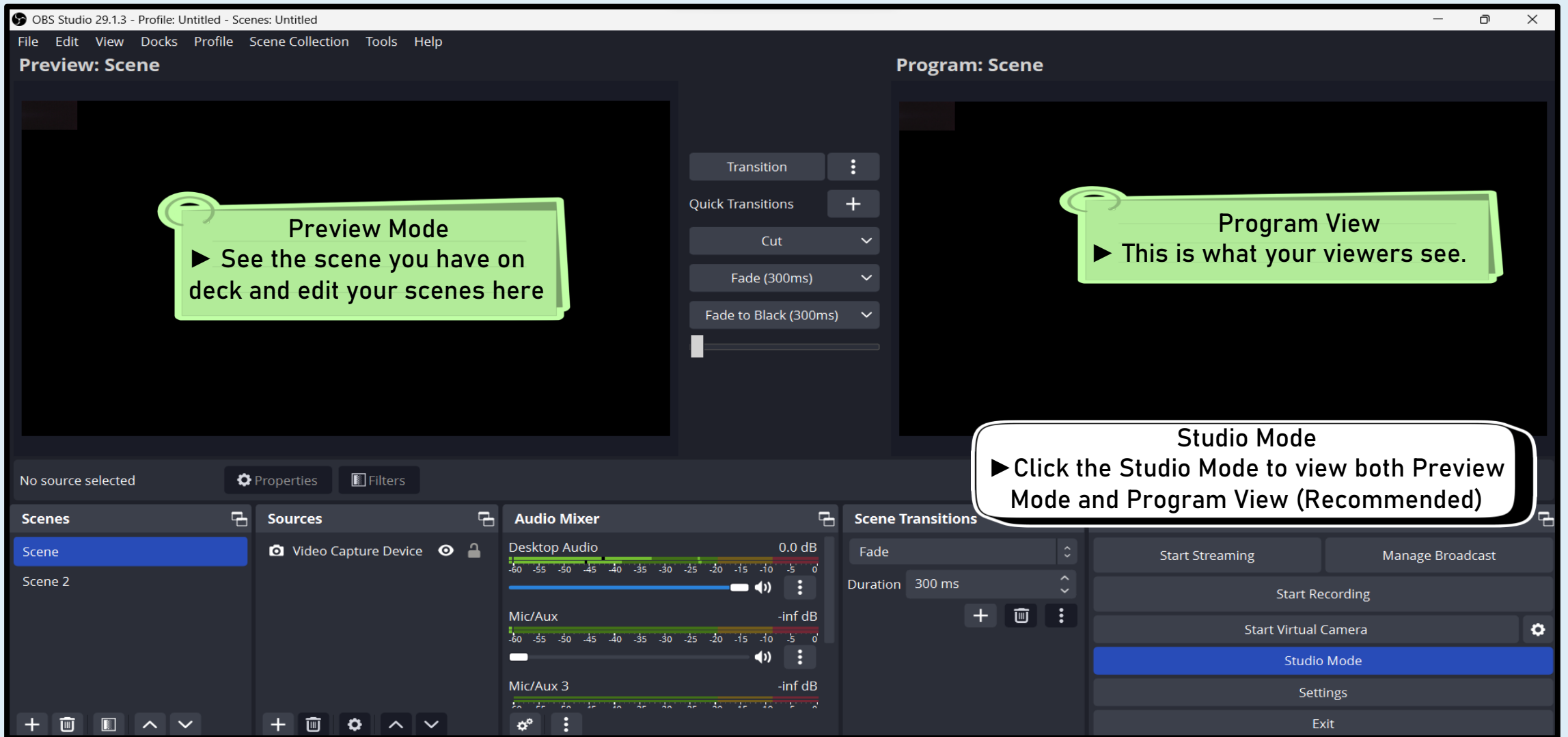
Media Layout



OBS - Scenes



OBS – Creating Scene Resources for Livestream



Recommended Setting

Streaming Settings

Video Resolution (Pixel)	Video Frame (Frames per second)	Recommended Video Bitrate (kilobytes per second)	Recommended Upload Speed (Megabytes Per Second)
720p	30fps	1500-4000 kbps	2-5 Mbps
720p	60 fps	2250-6000 kbps	2.9-7.4 Mbps
1080P	30 fps	3000-6000 kbps	3.8-7.4 Mbps
1080P	60 fps	4500-9000 kbps	5.6-11 Mbps
1440P	30 fps	6000-13,000 kbps	7.4-15.8 Mbps
1440P	60 fps	9000-18,000 kbps	11-21.8 Mbps
4K	30 fps	13,000-34,000 kbps	15.8-41 Mbps
4K	60 fps	20,000-51,000 kbps	24.2-61.5 Mbps

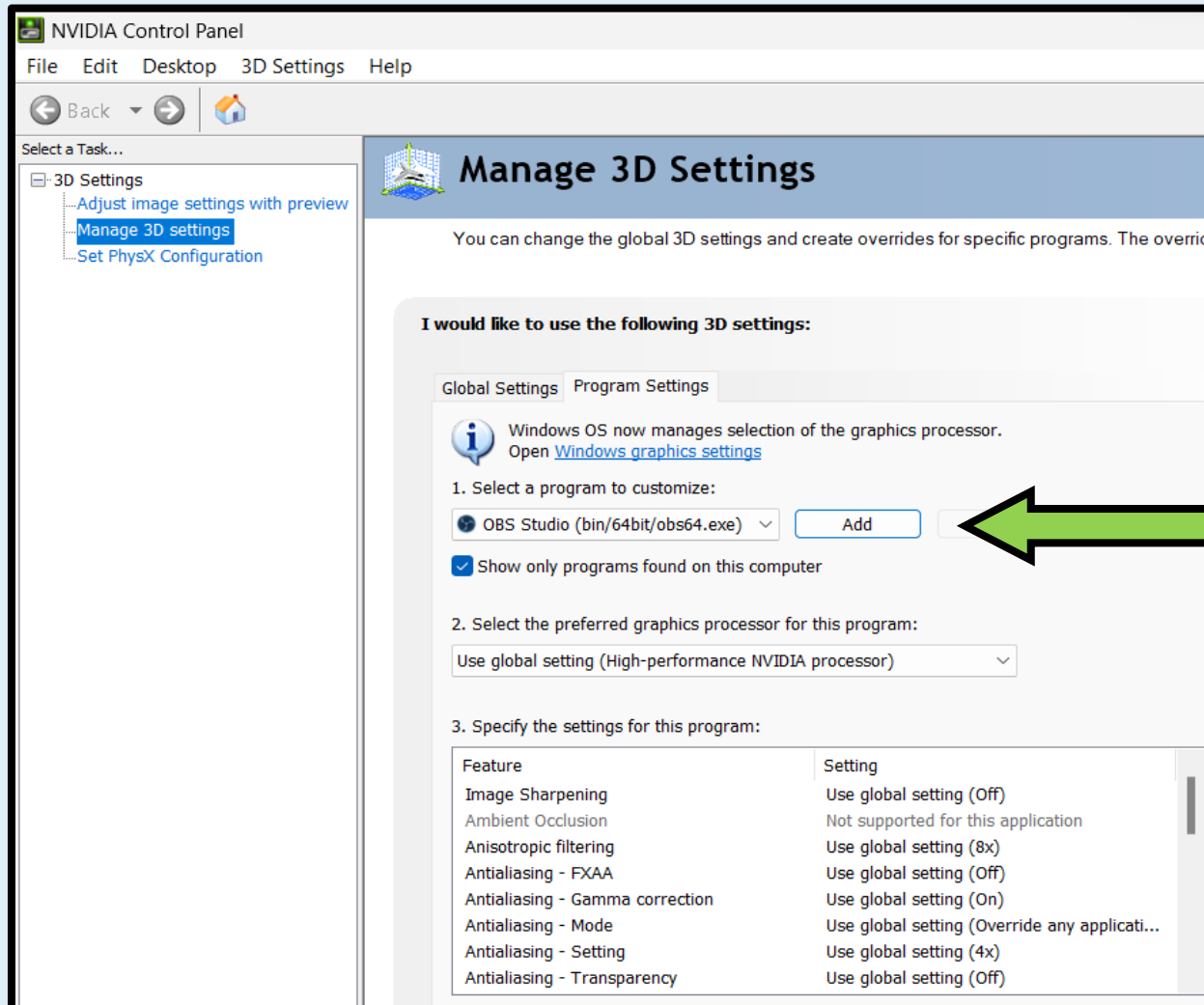
Recommended Setting



OBS Stream will experience frequent delays if your Wi-Fi connection is not good

Recommended Setting

NVIDIA Graphics Settings



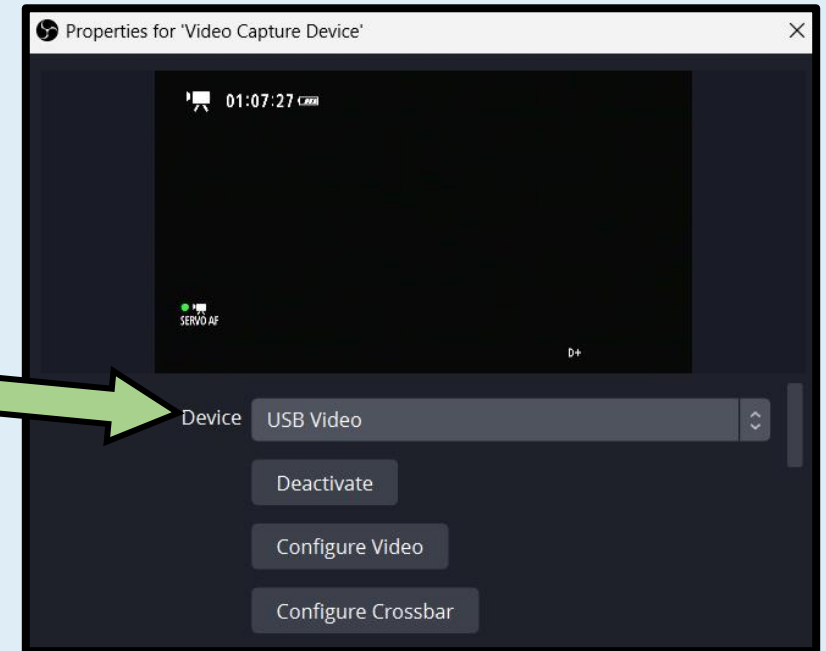
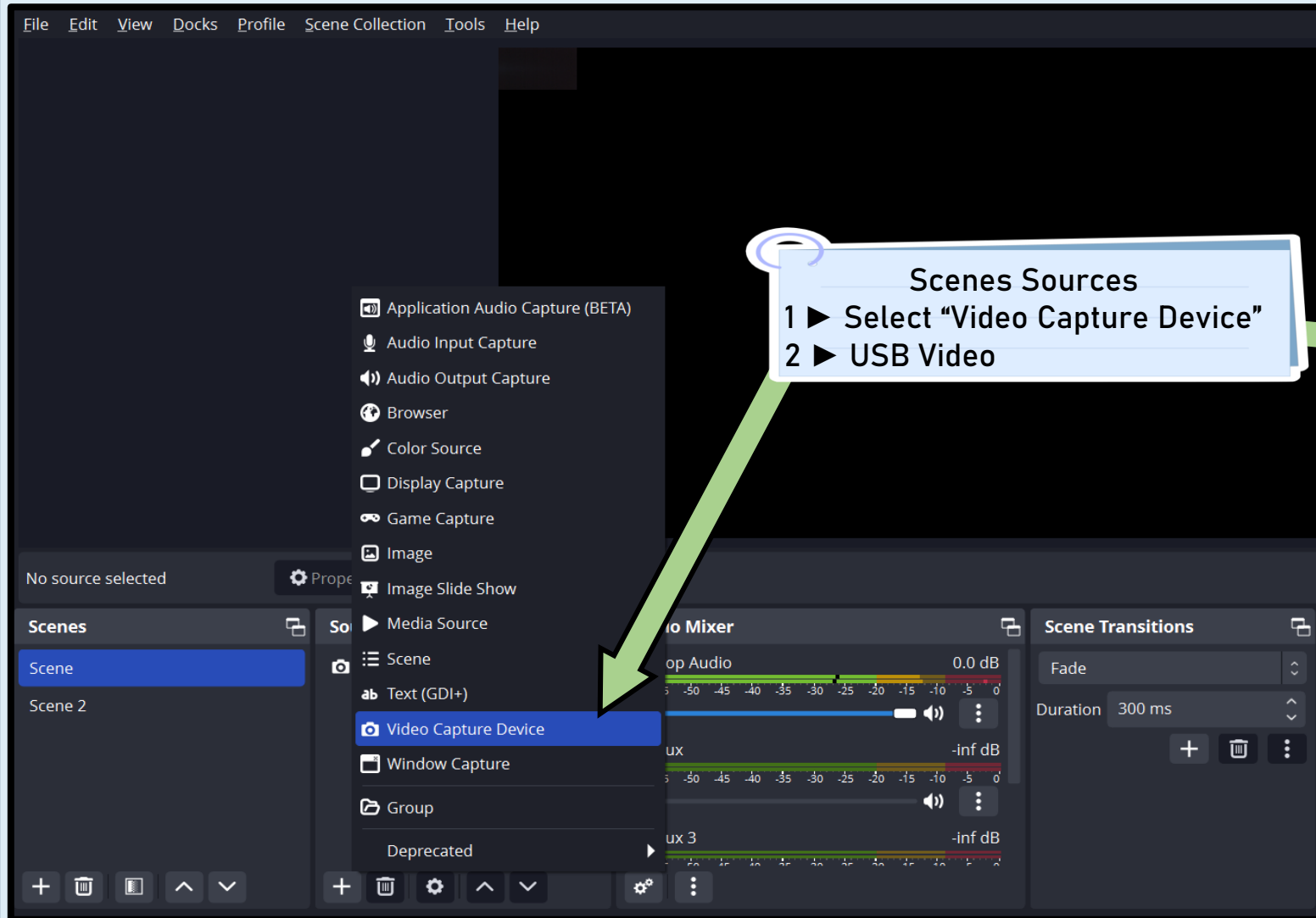
Add "OBS Application"

Tips and Ticks

1. Always update OBS.
2. Always ensure you have a good Wi-Fi signal.
3. A few days before the livestream setup, do a dry run to rectify any problems that may occur, to prevent them on the actual day.

OBS – Creating Scene Resources for Livestream

Step 1: Create Scenes and Sources



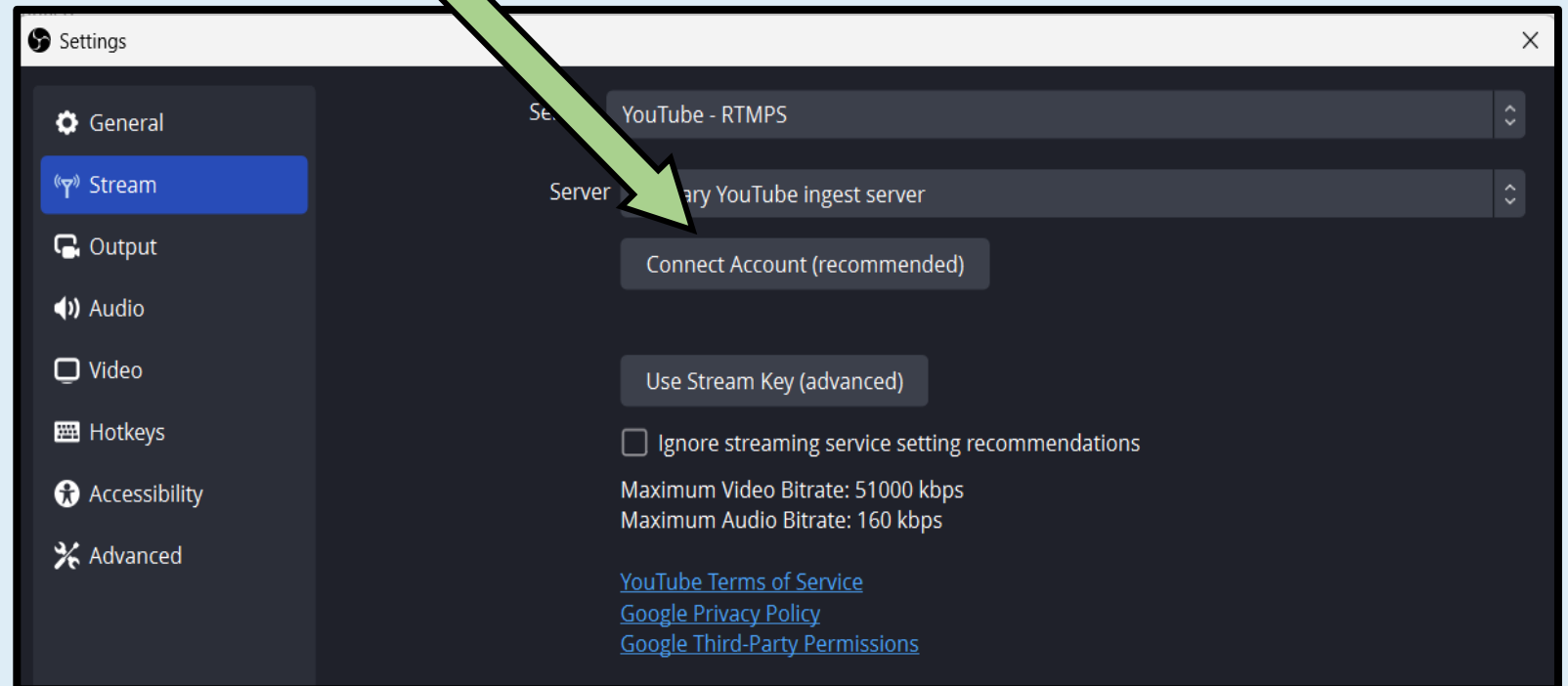
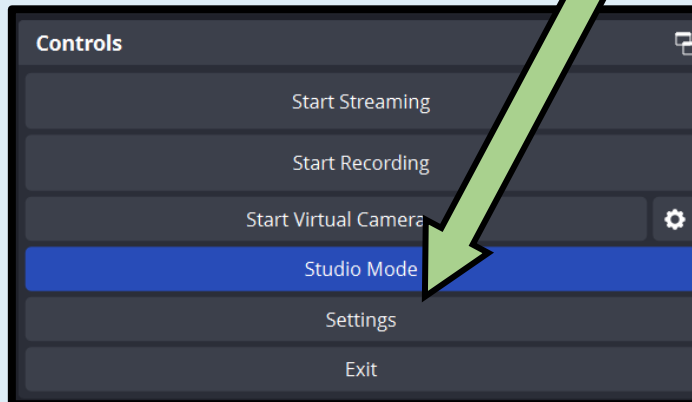
Link OBS Studio w/ Youtube Acc

Step 2: Link OBS with Youtube

Link OBS with Youtube

- 1 ► Setting
- 2 ► Connect Account (Recommended)

<https://studio.youtube.com/>



Youtube Studio

Step 3: Start Stream / Schedule

The image shows the YouTube Studio interface. On the left sidebar, there are three icons: a hamburger menu, a video camera, and a calendar. The video camera icon is highlighted with a green arrow pointing to a callout box labeled "Start Stream". The calendar icon is highlighted with a green arrow pointing to a callout box labeled "Schedule Stream". In the top right corner of the sidebar, there is a "SCHEDULE STREAM" button with a calendar icon. Below this button is a blue tooltip that says "Schedule your stream ahead of time and let your community know when you're going live!" with a "CLOSE" button. The main content area displays a colorful illustration of a cat wearing a party hat and holding a camera, with the text "No upcoming streams" and "Schedule your stream ahead of time and let your community know when you're going live!" below it.

Start Stream

Schedule Stream

SCHEDULE STREAM

Schedule your stream ahead of time and let your community know when you're going live!

CLOSE

No upcoming streams

Schedule your stream ahead of time and let your community know when you're going live!