

**1. Have an option when to start the video, its not required non stop. Have an option when user can select for streamlining for ML or for deep stream. ML should be collected on the edge as this is going to be fused with our ML This is termed 'edge computing'. For example, a sensor might collect data at a rate of 1000 samples/second. Still, only a summary or an average might be sent to our edge every minute to reduce the data transmission load.**

---Video Streaming is controlled using its own separate pipeline and you have the option to start or stop it. As per the ML integration, we will work on it once we get the processed ML pipeline and I can will try rerouting it from current pipeline to processed as per needed at the time.

**2. After the camera is completed save the videos on the Nano like the temperature**

--- The videos being recorded are saved on desktop in video recording folder. At the moment we don't have the stream and save feature but separate pipeline. The simultaneous process would have to be discussed in terms of storage and how long duration data you plan to keep. Then we move onto working on how we can use single pipeline for both.

**3. Which DB is in AWS? Are there end points because our other dev is going to use them for his app. What are the GPUs used or required for AWS. We can talk to AWS.**

---Currently as discussed we have edge computations and storage on Nano only in csv files, as discussed with your app developer, if he creates a database then we discussed on DynamoDB.

**4. User instructions, how to use the UI**

---Explained in detail and its user friendly. If you need to stop any process just use the command Ctrl+C in the window and it stops.

**5. What strength of wifi it is supported now? What is Wifi not working all the system will stop working?**

--- The wifi card supports data speeds upto 867 Mbps which is quite fast wifi. Moreover your system currently depends on wifi and incase of no wifi it will stop working and give you an error to start the realtime pipeline with wifi. This is included in UI.

**6. Did we complete temp CSV storage in AWS**

---We are still working on creating and automated backup process. I was hoping on obtaining a nano for myself as the automated backup process has to be run in the background instead of starting pipelines for it or any user interface. Such a system needs to be developed into the firmware of nano or something like AWS CLI configurations. If that is doesn't happen, ill look into a user input based backup which should be run every end of day or so but that should be considered at the end.