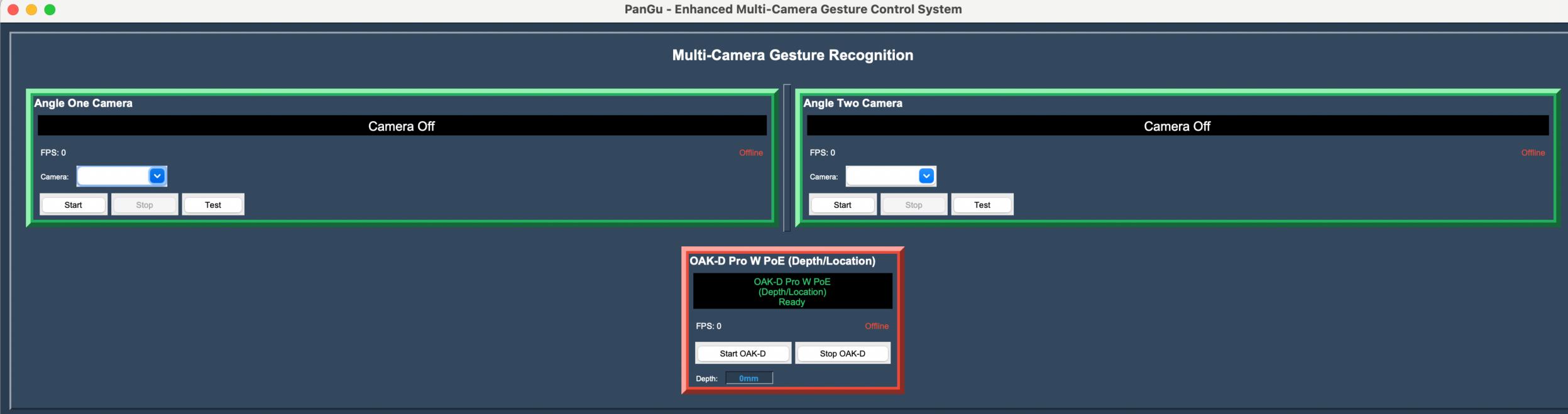
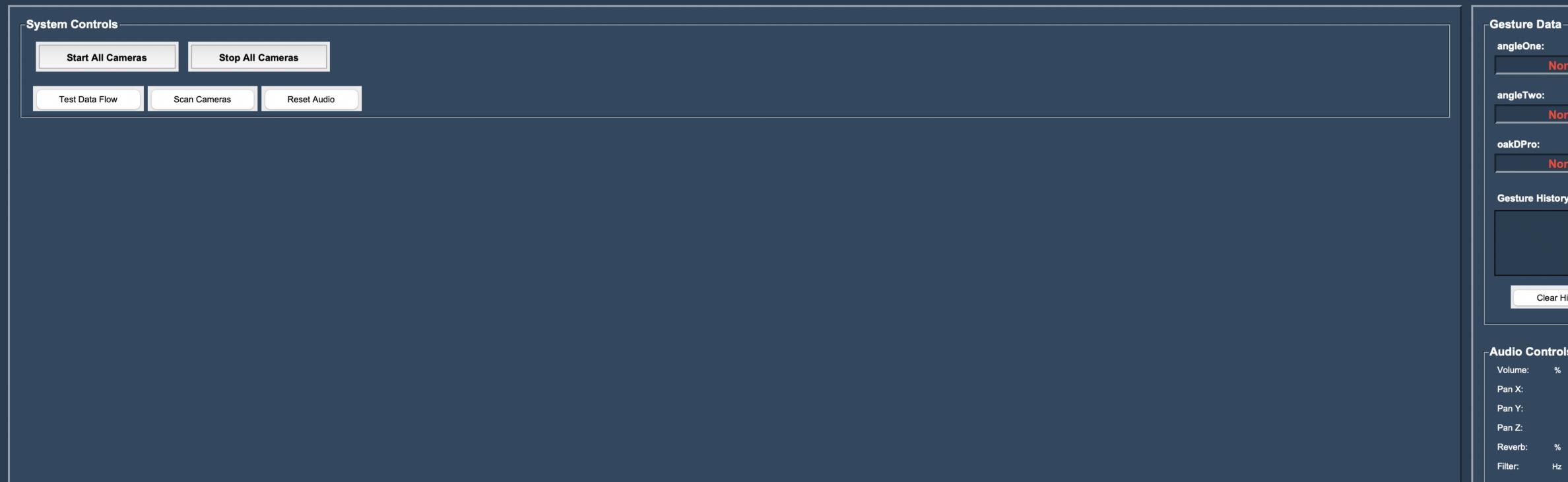
GESTURE CONTROL SYSTEM

PANGU

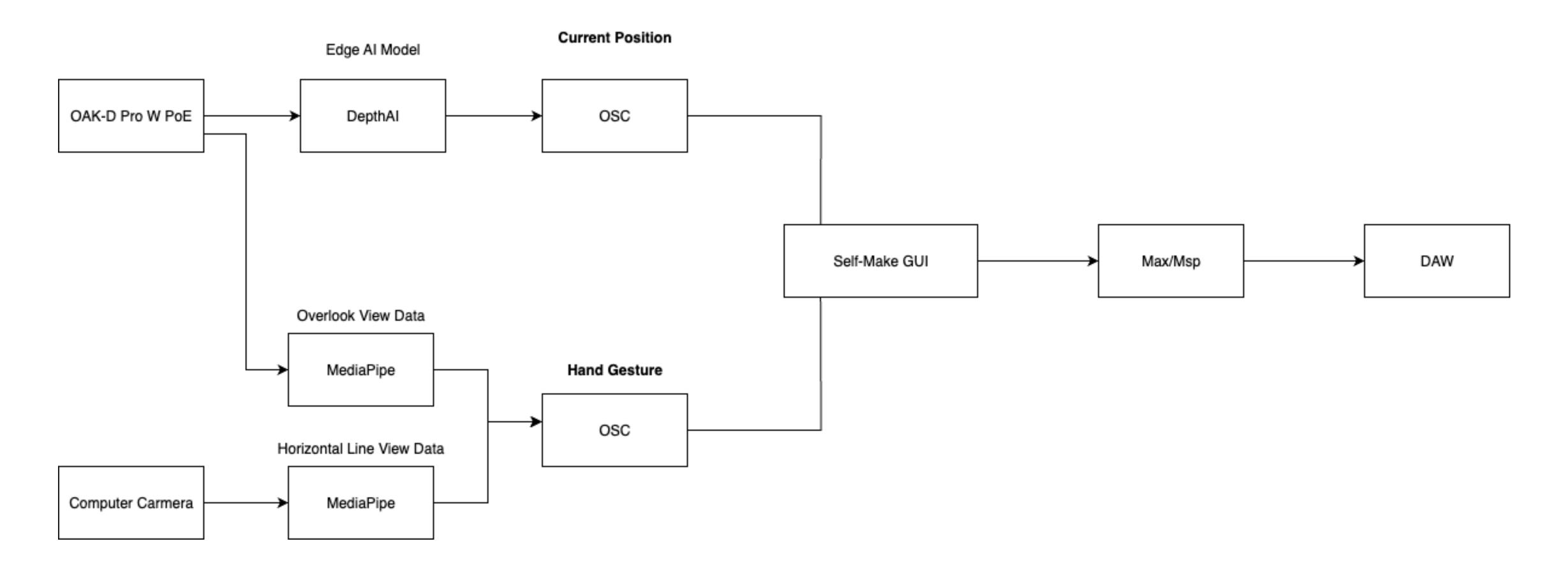
Charlie Shi, MTEC-498, OCt/1/2025







ACHIEVEMENTS



ACHIEVEMENTS

- 1. I had Make a GUI for PAN using Python and get the data from the pipeline in Depth Ai
- 2. Two horizontal line Camera plus one over head depth camera connected
- 3. Test it running though Windows and Mac
- 4. Mediapipe installed and recognize the Gesture correctly

PROBLEMS

- 1. Different tracking method, I had used Vive tracker, IMU and final result become de analyze and machine vision.
- 2. GUI Making
- 3. Data message send to Max/Msp and issue with the port

FUTURE WORK

- 1. Be able to fix the problem with sending the data to Max/Msp
- 2. Design a max for live plugin that can use in the DAW
- 3. Design GUI
- 4. If possible link using 3D mapping to do some interactive method

ASSESSMENT

I feel pretty confident in this state all the system work now coming to the max and music part I don't think there will be a problem or something bad happen:(