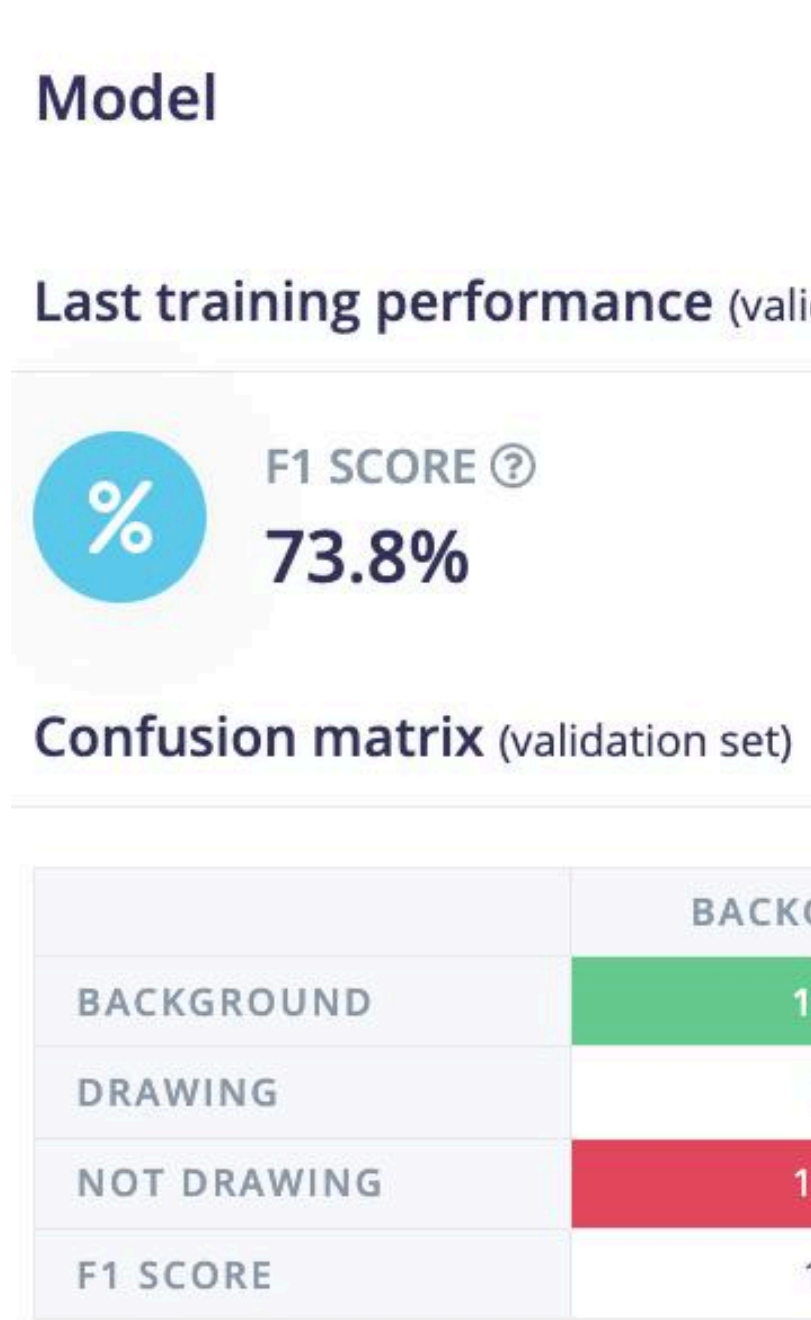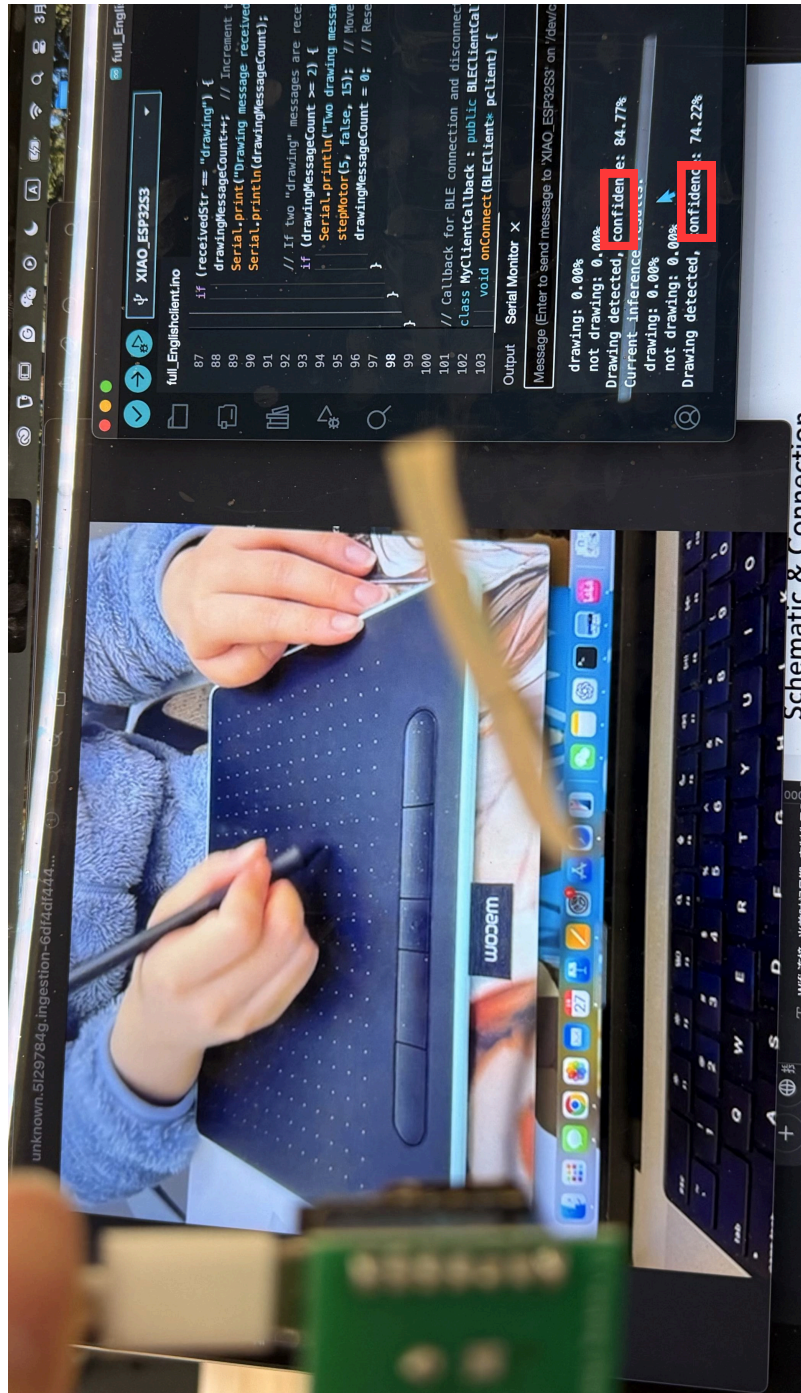# Functions Details

*Some features are not implemented yet.

Image Detection Model

A picture detection model was trained using Edge Impulse, enabling the recognition of drawing actions on a tablet and providing corresponding confidence levels.

Bluetooth Data Transmission

My device performs recognition every two seconds. If multiple drawing instances are detected within 30 seconds and the recognition confidence exceeds 50%, it will send the current status to the display device via Bluetooth.

Needle Records Total Work Time

Every two drawing signals received by the display device will cause the step motor needle to move five steps clockwise, recording the total drawing time.

WiFi + Real-Time Display

Through a WiFi connection, the display device can retrieve the real-world time and date and display them on the screen. Additionally, users can set their preferred PNGs or GIFs as decorations on the screen.

*Daily Summary

Coming Soon

A daily summary is generated at 10 PM based on the day's work, including total work hours, time distribution, and a visualization of continuous work periods. This helps freelance artists review their daily progress.