Test Log: Performance Testing of Hand Gesture Recognition

Date: January 10, 2024

Test Case: Baseline Performance Measurement for Gesture Recognition

Test Description:
The objective of this test is to measure the baseline performance of the draw_landmarks function under typical conditions.

Testing Methodology:

1. Image Generation: A random image of dimensions 640x480 pixels is generated.
2. Landmark Points Generation: Random landmark points are generated to simulate input data for the draw_landmarks function.
3. Performance Evaluation: The draw_landmarks function is called once to obtain baseline performance metrics.

Results:

- Execution Time: 0.002064943313598633 seconds
- CPU Usage Before: 0.0%
- Memory Usage Before: 5038530560 bytes
- CPU Usage After: 0.0%
- Memory Usage After: 5038530560 bytes

Test Pass/Fail:

- Pass

Conclusion:
The baseline performance metrics provide a reference point for evaluating the efficiency of the draw_landmarks function.