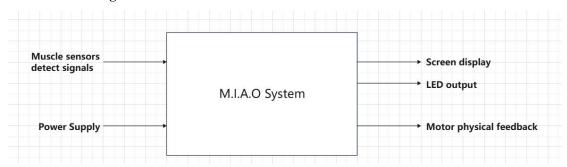
Level 0 block diagram:



Module	M.I.A.O system
Inputs	Muscle sensors detect signals: According to the user's current
	muscle status, the analog signal received by the sensor can be
	converted into a value using the ADC and added to the queue for
	analysis.
	Power supply: The power supply is a 9V voltage source. When the
	power supply is plugged in, the system starts to work.
Outputs	Screen display: Visualize the queue that stores sensor data.
	LED output: Lights up automatically when the algorithm determines
	that the user's muscles are tired.
	Motor physical feedback: When the algorithm judged the user's
	muscle fatigue, it began to give vibration feedback, with a period of
	three seconds, one second of vibration, and two seconds of pause.
Functionality	The sensor will store the muscle status in the form of data in the
	queue, and obtain the current user's muscle fatigue degree by
	analyzing the peak value and variance of the signal. If a certain limit is
	reached, the LED is lit to indicate and the motor gives vibration
	feedback.

Level 1 block diagram:

