Design review by team 10

1. How effectively does the Myoware 2.0 Muscle Sensor filter noise? Have you tested its performance in different environments with high electromagnetic interference?

   Good suggestion. But the time and money are limited. While the product is mature.

2. Is the motor powerful enough to produce a reminder effect without negatively affecting the body and interfering with muscle activity. Whether it is feasible to replace the reminder with a different one, e.g. a visual or auditory one.

   We also use the led to be reminder.

3. Whether the circuit board using the socket design is sufficiently stable, especially after the body undergoes strenuous exercise, whether the contact is poor.
   Good question. We didn't consider the problem of sweat. It does have some influence on our detection. We should improve this if we want to mature our product.
4. Why do amplification circuits need to amplify signals by a factor of 1.2, and is that enough? Yes

6.Thicker power supply wires! Like 0.25 to even 0.5 mm for power.

7. What is the meaning of motor module, why you add a motor power and motor out 2

Motor is powered by output pin in PWM module. We name it motor power and motor out 2.

We have made change on our circuit following 6.

Design review by team 6

1. Missing critical signal test points.
2. Add sensors to the circuit diagram. Hard to find the myoware sensor.
3. Add notes for the pins.
4. In the circuit diagram, ensure the 5V connection for the LCD12864 faces upwards and the GND faces downwards.
5. Mark unused parts with an "X".
6. Thicken the wires in the PCB layout. About 10-15mils.
7. What is the meaning of the blank rectangle on the PCB board?
8. Adjust the overlapping sections.

Good points. Make changes on 1,3,4,5,6,7,8.