*Check List*

**About:**

This document is a list of checks which are to be carried out when testing the Metronome Solution A.

**Checks:**

1. Ensure that the cable is ***transmitting data*** as well as power
   1. Can do this by running a Blink example in File > Examples > 01.Basics > Blink
2. Ensure that ***the board type and port*** are correctly set to the Arduino Yun
   1. Can set board type by going into Tools > Board > Arduino Yun
   2. Can set port by going into Tools > Port > COM (Arduino Yun) or similar name.
3. Ensure the Solution Program is ***uploaded*** to the board
   1. Can do this by selecting the “Upload” button (the right arrow sign under the list of File : Edit : Sketch : Etc) and waiting a few seconds until the ***onboard LED*** starts to flash.
4. Ensure that the Arduino Yun board is ***connected to the network*** correctly
5. Ensure that the right type of sensors are added to the ***right type of pins***
   1. E.g., if it is a Digital LED, that it is connected to a Digital Pin and not an Analog Pin
   2. The program is set so that the LED sensor is Digital (pin 7) and the MIC is analogue (pin A0). If the sensors we have are different, changes need to be made to the program accordingly.