CMPE 242
Homework LSM303 I2C Sensor Interface

    1. Integrate LSM303 sensor to your prototype system, you can mount LSM303 senor on a small carrier board (size 0f 40x50 mm for example) and mount the carrier board on the stepper motor. Note you can use a cardboard paper as the carrier board material.

    2. Write a program in C/C++ or Python for your target platform to realize the following functions:

    2.1. Read x, y, z acceleration data from the sensor and display this data on the display connected to your target's console.

    2.2. Read magnetometer data from the sensor and display this data on the display connected to your target's console.

    What to submit:

    1. Readme.txt file to give detailed instruction on how to execut your test program (be sure to give target platform);
    2. Source code.
    3. Zip the readme.txt and the source code into one file, then submit to CANVAS.

    (END)