ECE 372A Group Project Initial Submission Requirements

Use power point and create slides 1 through 7 below:

1. List all of your team members (between 3 and 4 people per group).
2. State the problem you are trying to solve - describe in a short paragraph.
3. Propose your solution to the problem - describe in a short paragraph.
4. Define 4 requirements of the solution that you will use to determine the level of success.
    a. Requirements must have measurable outcomes.
    b. You will determine your criteria to grade your performance (rubric) for each requirement.
5. List the sensor(s) and a data sheet for each sensor. Project must include one input sensor minimum.
6. List how the sensor measurement will be used to control an output device.
7. State the type of communication protocol to be implemented (I2C, RS232 or SPI).

Rubric example format: Note: All cells need to be filled in with content.

Requirement	Level 5	Level 4	Level 3	Level 2	Level 1
Pressure Sensor	Completely Working		Partially Working		Not Working
Motor	Can turn any direction or speed		Can only turn some directions		Not Working
ADC	Accurate input signal measurement		Signal is measured inconsistently		Not Working
Piezo	Alarms at correct detection		Inconsistently alarms		Not Working