**Resistance identification**

**Objective:**

This project will display the resistance of any resistor workout checking the colored lines ok the resistor.

For this project we are going to work on Arduino technology.

**Requirement Engineering:**

From this project we expect to have these results:

1. Real time measurement of resistance
2. Display the results on LCD
3. Affordable budget
4. Keeping the hardware safe from outside environment

**Circuit:**

Extra file with the circuit diagram is attached.

**Materials required:**

1. Arduino Uno
2. Power supply(Battery)
3. LCD Display
4. Breadboard
5. Resistors
6. Jumper wires