**Digital Distance Measurement**

**(CRS)**

**Customer:** Advanced Solution – Distance Meter

**Target:** “Advanced Solution”is a lead sensors system company that serves many customers in different regions.

**“Advanced Solution” is searching for a simple solution of a digital distance-velocity measurement system with the following requirements:**

**Req.01-** The user should be able to measure the distance.

**Req.02-** The user should be able to measure the velocity.

**Req.03-** The user should be able to read the distance on LCD.

**Req.04-** The user should be able to read the velocity on LCD.

**Due Date:** 28-4-2018 **Hardware:** 1- Microcontroller.  
 2- Ultrasonic Sensors.  
 3- LCD.