**ALGORITHM**

**MEMS Sensor**

set a set M1 //motor

set M // Motor sensor

set L // LCD

if (M.yaxis>300&&M.yaxis<400)

{

A=true;

}

End if

while(a)

{  
L.display(Track displaced)

M1.Speed(0), Log(value)

}

end while

**VOLTAGE SENSOR**

set M1 //motor

set L //LCD

if(v<12)

{

set a = true;

while(a)

{

L.display(“continuity break”);

M.speed(0)

log(value)

}

}end while

end if

**IR SENSOR**

set I //IR sensor

set M1 //motor

set L //LCD

if(I.value(low))

{  
set a = true;

while(true)

{

M.speed(0);

L.display(“crack detected”);

log(value);

}end while

}end if