AIN SHAMS UNIVERSITY



Embedded-GPS-Tracking-System (First milestone)

Course Code: CSE211

Course Name: Introduction to Embedded Systems.

Examination Committee

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Submission Contents

First Milestone

01: screenshots for the output of testing of the LED

02: testing function 1 to turn on red led because distance is

more than 100

03: screenshots for LCD test

Final Delivery (second milestone)

01: Comparing our GPS with a running application

02: Func1 returned the red color as the distance overcome

100 m

First Milestone

01: screenshots for the output of testing of the LED







02: testing function 1 to turn on red led because distance is more than 100

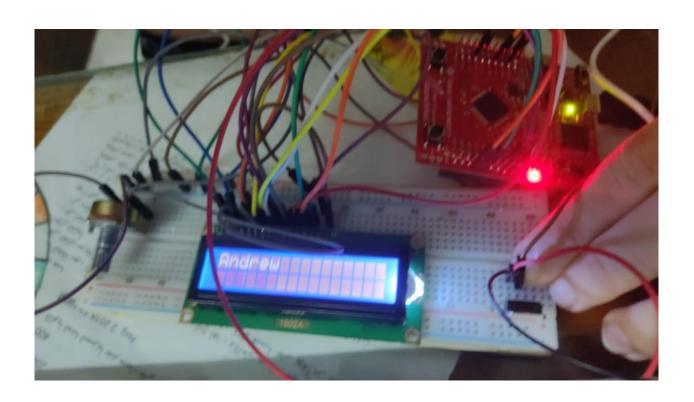
```
//function that turns on the LED when the distance exceeds 100 meters.

void func1(float x){

if(x>=100) GPIO_PORTF_DATA_R|=0x02;

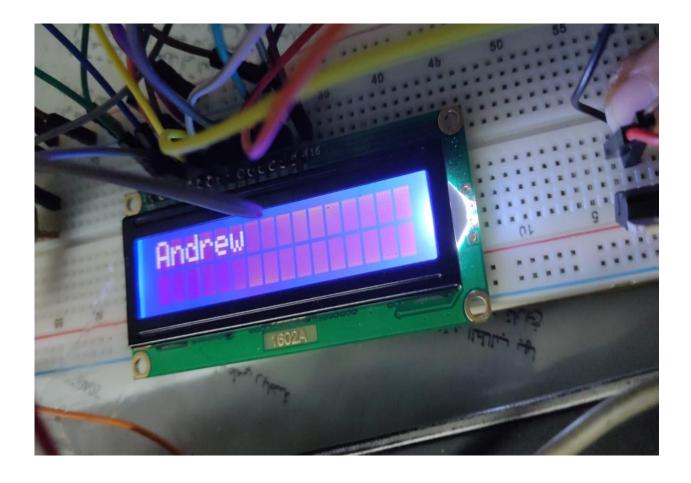
else GPIO_PORTF_DATA_R &=~0x02;

}
```



03: screenshots for LCD test

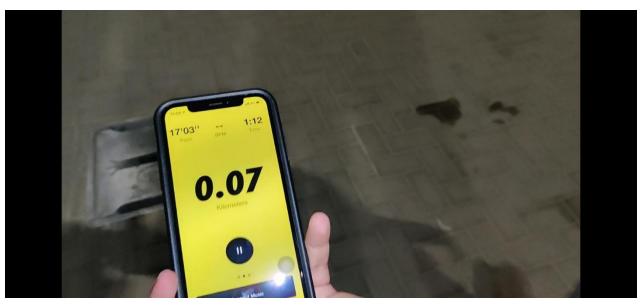
```
75  //LCD TESTING
76  int main (){
77      PORTFinit();
78     PortEB_Init();
79      LCD_init();
80      LCD_displayString("Andrew");
81      while(1){
```



Final Delivery (second milestone)

01: Comparing our GPS with a running application





02: Func1 returned the red color as the distance overcome 100 m

