**Table I: Certification Test Sheet for Lab #10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Test condition** | **Expected result, LEDs** | **Actual result** | **Pass/fail** |
| 1 | Power-up  5 pts | LED1 toggles once  LED2 toggles White once  Wheels are OFF | 5 | Pass Fail |
| 2 | Stand-by  5 pts | LED1 toggling LED2 OFF Wheels are OFF | 5 | Pass Fail |
| 3 | Bumper Switch is used to activate the design  5 pts | LED1 N/A LED2 Table I | 5 | Pass Fail |
| 4 | REDLED1 indicates that RSLK is active.  5 pts | LED1 User Defined LED2 Table I | 5 | Pass Fail |
| 5 | Table I being followed for RSLK LEDS  5 pts | LED1 N/A LED2 Table I | 5 | Pass Fail |
| 6 | Score on Track from  0 to 75 pts | LED1 N/A LED2 N/A | 75 | Pass Fail |
| 7 | Time on track in second.  Used for bonuses | LED1 N/A LED2 N/A | 42.99 | Pass Fail |
| 8 |  |  | Click or tap here to enter text. | Pass Fail |
|  |  | Total Score | 100 | % Passed =100 |

T**A Authorization Code is Ayo\_FP\_2 , Zach & Alex**