# Report Matters

**Page allocation (Total 10 pages, requirement around 8 pages) Total 60 marks**

* 1 page: content table, intro and objectives
* 3 pages: Flowcharts (10 marks)
* 2-1.5 pages: Detailed implementation
* 2-2.5 pages: Enhancement
* 2 pages: Significant problems, Suggestions, Conclusion

**Grading Criteria**

* Report (10 marks)
* Ability to use device interrupts and their understanding
* Extent of UART implementation, such as whether wireless UART has been implemented
* Responsiveness, performance and robustness of the system, good design with a full implementation
* Marks are awarded for reports that are more complete
* Extent of the application logic enhancements as described in section 1.4, and several other factors that demonstrate the ability to learn independently and program for computer interfaces (10 marks)

# Presentation Matters

**Questions**

1. how does tempread work, accread, lightread
2. How temp related to msticks
3. How temp sensor work why divide by denom?
4. how Systick handler, interrupt handler works
5. what happens if interrupt not cleared
6. how climb, emergency, extra features work
7. how many interfaces in I2C.
8. UART, LEDARRAY
9. How many GPIO are there- 4
10. Can you configure all the GPIO?
11. 7 segment (true and false whats the difference) how it affects code overall
12. UART what is blocking and non-blocking
13. green led why cannot just off it using code