

## Individual Report Template and Marking Scheme

The individual report describes an individual member's work for term-1 and term-2, including your contributions in robot design, programming and testing. **Please Note: This report should be done individually and independently. Reports with large similarity, even from the same group will be considered as plagiarism and reported.**

Guidelines of the report: minimum 1500 words, maximum 5000 words, Tables, Figures and Appendix are exclusive. You should use clear numerical headings for sections and subsections. (1. xxxx, 1.1.xxxx, 1.1.1 xxx) You should use pseudo code in your report to explain your program; all your NXC programs should be put into appendix

**The marking your report consists the following criteria**

Clearness of overall structures (20%)
Sounding of technical details (40%)
Writing/spelling (10%)
Clear demonstration of contribution (20%)
Discussion of limitation and future work (10%)
Overall 100%

**The suggested report template may consist the following sections and you can choose your own section title and subtitles**

### **1. Introduction**

Overall introduction of your team achievement and what are your specific contributions to the final results. Your contribution could include robotic design, coding, and testing, for example. You should give a summary of the structure of your report, describing briefly what the main sections are.

### **2. Detailed contributions**

#### **2.1 Term-1's work**

#### **2.2.Term-2's work**

For each term, you could divide your own contribution into different categories. You need to write down detailed technical work you have done by yourself in terms of robot design and programming. If the work has been done in collaboration, clearly indicate your role in the work. Sounding of technical details and the clear representation and explanation of your implemented design or programming are the key areas to be marked. You should demonstrate what is the rationale behind your implementations, ideally mathematically or using diagram for illustration.

If you want to show the structure of your code, you should use abstracted pseudo code. Directly copy and paste the original codes into the report will result in mark deduction. You should put all the source code into Appendix.

### ***3. Conclusion and discussion***

You should demonstrate your understanding of the limitations of your implementation and show a reasonable speculation for the future work.

### **Reference**

You need to give reference if you used work from existing literature