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| **Submission Instructions**   1. Each group needs to submit one copy of the report via Assignment in CANVAS, pdf format only; Filename: FR-Lx-Gpy.pdf  (Lx: L1B for Monday session, L1, L2 for Wed sessions;  y is group number). 2. Each group needs to submit the program code (in a zipped file, .zip) via Assignment in CANVAS; Filename: FC-Lx-Gpy.zip   Note:   * In file name, Lx: L1B for Monday session, L1, L2 for Wed sessions;  y is group number. * No late submission will be accepted. |

**EE3070 Project Final Report**

Group No: L\_\_\_\_ Gp \_\_\_\_

Project Name:

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| Member Name | Student ID | Electronic Signature |
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**Contribution of each member for this report (Enter a “X” or Percentage to the part of which the person is in charge)**

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| **Item** | **Person in charge** | | |
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| 1. Summary |  |  |  |
| 1. Introduction |  |  |  |
| 1. Objectives |  |  |  |
| 1. Functional Specification |  |  |  |
| 1. Technical Background |  |  |  |
| 1. Hardware and Software Architecture |  |  |  |
| 1. Project Schedule |  |  |  |
| 1. Testing and Discussion |  |  |  |
| 1. Conclusion and Suggested Improvement |  |  |  |
| 1. References |  |  |  |

**Student Declaration Form**

Academic Honesty Regarding EE3070 Project Design

The following are examples of academic dishonesty extracted from “Student Handbook” that are more applicable to final year projects.

* + plagiarism, i.e., the failure to properly acknowledge the use of another person’s work;
  + submission for assessment of material that is not the student’s own work;
  + collusion, i.e., obtaining assistance in doing work which is meant to be solely the student’s own work;
  + use of fabricated data claimed to be obtained by experimental work, or data copied or obtained by unfair means;

It is important that the student reads the Student Handbook and understands the seriousness of academic dishonesty. The student should pay particular attention on how to avoid plagiarism.

**Project Design Declaration**

I have read the student handbook and I understand the meaning of academic dishonesty, in particular plagiarism and collusion. I declare that the work submitted for the project does not involve academic dishonesty. I give permission for my project report to be electronically scanned and if found to involve academic dishonesty, I am aware of the consequences as stated in the Student Handbook.

**You made the declaration by giving the electronic signature below.**

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| Member Name | Electronic Signature |
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**Note: Zero mark will be given to member who didn’t sign in the above table.**

**Format: font size – 12 points, single-spaced**

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| **Section 1 - Summary (150 words)**   * A concise and qualitative overview of system * No specific technical terminologies |
| **Section 2 – Introduction (300 words)**   * Give a description of the problems, how they are tackled; and how the users can be benefited; * Provide an overview of how the system is used, * Highlight interesting results and innovation. |
| **Section 3 – Objectives (in point form)**   * List of objectives of the project |
| **Section 4 – Function Specification (in point form)**   * List the functions provided by the system, and indicate who contributes (if more than one members, give percentage). * Highlight distinct system features, if any |
| **Section 5 – Technical Background (800 words)**   * Briefly discuss relevant background theory for the whole project [This part is different from Section 2. It is to give readers a general technical background about the system. However, it is unnecessary to describe the hardware/software design, as details are to be given in Section 6] |
| **Section 6 – Hardware and Software Architecture (1500 words)**   * Introduce and describe your design work * Give clear figures to describe the hardware design, eg. how to connect different modules or communicate * Give flow chart or block diagram for your software design. |
| **Section 7 – Project Schedule**   * Describe the actual schedule for the whole project development. |
| **Section 8 – Testing, Results and Discussion**   * Give a list of functional tests on the system, with reference to Section 4 * Describe the results obtained and give comments on the performance * Discuss the difficulties faced in real implementation and expected outcomes and how it can be improved |
| **Section 9 – Conclusion and Suggested Improvement**   * Summarize the functions and the performance of the system * State the impacts of your design to users * Suggest improvements on the design * Self-reflection |
| **Section 10 – References**   * If you have referred to any external source or my lecture notes, state the source here. * If the reference is an article, give the author name, article title, publication title, volume no., issue no., page no., year of publication. |
| **Appendix: Submit your code to CANVAS**   * Submit your codes (in zipped file) to CANVAS. Filename: FC\_Lx\_Gpy.zip |

Note: You may add other sections if appropriate. The number of words is for reference.