**Final Project Title**

Subtitle as needed

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*Abstract*—Succinct summary description of your project: purpose, major findings, conclusions, and main recommendations. DO NOT USE SPECIAL CHARACTERS, SYMBOLS, OR MATH IN YOUR TITLE OR ABSTRACT.

# Introduction

Indicate the scope of the project (i.e., what the report will cover), setting the scene for the remainder of the report.

Make a case for your project. For example: what is the motivation? What are the implications of your project? What topics that you learnt in the class does your project cover? What topics did you learn on your own? What are the applications of your project?

Think of the rest of the report as an expansion of some of the points in the introduction.

# Methodology

This is the body of your report. Here you explain how you designed your project.

## First Section

The main body of the report may be divided into multiple sections as the case may be. You may have different sections which delve into different aspects of the problem. The organization of the report here is problem specific. You may also have a separate section for statement of design methodology, or experimental methodology.

## Second Section

The report should be easy to read and professional in its presentation. The use of figures is strongly encouraged.

# Experimental Setup

Indicate the setup you used to verify the functioning of your project. What software/hardware tools did you use? What was the specific configuration of those tools? What are the expected results?

# Results

List all results you obtained, For example: audiovisual results, results in an oscilloscope, etc. You can include pictures and/or links to video of your project functioning.

Include some discussion of your findings and relate them to the topic learnt in class. Were the results what you expected? In what cases are the results explainable, and in what cases unexplainable (if any)?

##### Conclusions

State the main take-away points from your work. List further work as well as what you learnt. What issues remain to be solved? What improvements can be made?

##### References

List and number all bibliographical references in 9-point Times, single-spaced, at the end of your paper. When referenced in the text, enclose the citation number in square brackets, for example [1]. Where appropriate, include the name(s) of editors of referenced books. The template will number citations consecutively within brackets [1]. The sentence punctuation follows the bracket [2]. Refer simply to the reference number, as in [3]—do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] was the first . . .”

1. G. Eason, B. Noble, and I. N. Sneddon, “On certain integrals of Lipschitz-Hankel type involving products of Bessel functions,” Phil. Trans. Roy. Soc. London, vol. A247, pp. 529–551, April 1955. *(references)*
2. J. Clerk Maxwell, A Treatise on Electricity and Magnetism, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68–73.
3. I. S. Jacobs and C. P. Bean, “Fine particles, thin films and exchange anisotropy,” in Magnetism, vol. III, G. T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271–350.
4. R. Nicole, “Title of paper with only first word capitalized,” J. Name Stand. Abbrev., in press.
5. Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, “Electron spectroscopy studies on magneto-optical media and plastic substrate interface,” IEEE Transl. J. Magn. Japan, vol. 2, pp. 740–741, August 1987 [Digests 9th Annual Conf. Magnetics Japan, p. 301, 1982].
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7. Electronic Publication: Digital Object Identifiers (DOIs):

Article in a journal:

1. D. Kornack and P. Rakic, “Cell Proliferation without Neurogenesis in Adult Primate Neocortex,” Science, vol. 294, Dec. 2001, pp. 2127-2130, doi:10.1126/science.1065467.

Article in a conference proceedings:

1. H. Goto, Y. Hasegawa, and M. Tanaka, “Efficient Scheduling Focusing on the Duality of MPL Representatives,” Proc. IEEE Symp. Computational Intelligence in Scheduling (SCIS 07), IEEE Press, Dec. 2007, pp. 57-64, doi:10.1109/SCIS.2007.357670.