

# NTU MSc Dissertation - Plan



**Student:** Donald Duck

**Supervisor:** Dr. Nachiket Kapre

**Date:** 22th August 2013

Download Markdown template `msc_plan.md.html` *Sharepoint forces .html extension. Rename .html to .md on download*

```
wget http://www.ntu.edu.sg/home/nachiket/advice/msc_plan.md.html
```

```
mv msc_plan.md.html msc_plan.md
```

To compile on Mac OS X or Ubuntu Linux with [Pandoc](#) installed, use

```
pandoc msc_plan.md -o msc_plan.pdf
```

## Grading Policy

20%	Regular 1:1 meetings	The process of conducting yourself through t
10%	Draft plan	A good engineer knows how to provision the
20%	Regular 15-minute group presentations (once a month)	A good engineer is also a good oral communi
50%	Final report	Technical report writing is very different from

The MSc dissertation should be modeled like a research paper with the following breakdown of section.

## Abstract (1 page)

- Crisp, quantitative Claim of what you have achieved (quantitative=numerical statement)
  - e.g. We can make SPICE run 10 times faster using cheap off-the-shelf hardware (**correct**)

- e.g. SPICE runs faster when using our ideas (**wrong**)
- Explain the idea behind your project effort in the manner you understand so far...
- How does this advance the state-of-the-art in the field?

## Perspective (1 page)

- What do you want to learn from this project? What do you find interesting?
- How do you expect your advisor to help you out? How will you work with your advisor?
- What is the one thing you truly love about computer engineering? Feel free to describe a topic outside the scope of the MSc report.
- Briefly describe your programming/development and professional skills if any. In a few sentences describe the most interesting technical programming-based project you have worked on.

## Planning (2 pages)

- Include your term calendar. The advisor should have an idea of how loaded you are during the semester and how much effort/work can you put in. It is ok to attach just a JPG or screenshot of your StudentLink calendar.
- Also attach a rough sketch of your proposed plan. Try to use a simple Table format organized by month.
- When you are actually done, attach another plan of actual execution.
  - This should hopefully teach you to plan your projects better for the future.
- Feel free to fill the following template directly in Markdown.

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Month 1	Foraging for berries and fruit
Month 2	Building hut for shelter against rain...
Month 12	Get rescued from island

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## **Resources (1/2 page)**

- What hardware/software infrastructure do you need for your project?
- Are you comfortable with these platforms? How will you learn about these new platforms?

## **Reading List (1 page)**

- Talk to your advisor to get a reading list. By the end of the project, each of the suggested references should become short paragraphs of description.

Updated: 22nd August 2013