UIC Final Year Project I Thesis LaTeX Template

by

Zhang San, John

(16300*****)

A Final Year Project Thesis (COMP4004; 3 Credits)

submitted in partial fulfillment of the requirements
for the degree of

Bachelor of Science (Honours)
in
Computer Science and Technology

at
BNU-HKBU
UNITED INTERNATIONAL COLLEGE

June, 2019

DECLARATION

I hereby declare that all the work done in this Project is of my independent effort. I also certify that I have never submitted the idea and product of this Project for academic or employment credits.

_____

Zhang San, John

(16300***)**

Date: _____

BNU-HKBU

United International College

Computer Science and Technology Program

We hereby recommend that the Project submitted by Zhang San, John entitled "UIC Final Year Project I Thesis LaTeX Template" be accepted in partial fulfillment of the requirements for the degree of Bachelor (Honours) of Science in Computer Science and Technology Program.

_____ _____

Date: _____ **Date:** _____

ACKNOWLEDGEMENT

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ABSTRACT

The abstract part should give the abstraction of this paper, including the goals, motivation of this thesis. It is required that the number of words in the abstract should be between 150 words to 250 words.

Contents

1 Front pages

The front pages include the following pages that support this thesis.

- Title page: This is the first page of this thesis.
- Declaration page: This page declares the original and independent work by the author. See the second page of this template.
- Acceptance page: This page is to be signed by the Project Supervisor and the Observer if they find the Project Report acceptable.
- Acknowledgement page: This page should include the contributions made from supervisor(s), appreciation extended to supervisor(s), and parties who should receive recognition for their part in the project.
- Table of contents: This page includes the major headings and titles of all the tables and figures should be listed.
- Abstract page: An abstract should contain not more than 250 words on a separate page summarizing the essentials of the research work including the objectives, introduction, methodology, results, discussions and conclusions.

2 Main Text

This section introduces the main text part. The main text is usually separated into several subsections. Chapter sections (Like Section 1, Section 2 and so on) should start at a new page.

2.1 Flowchart

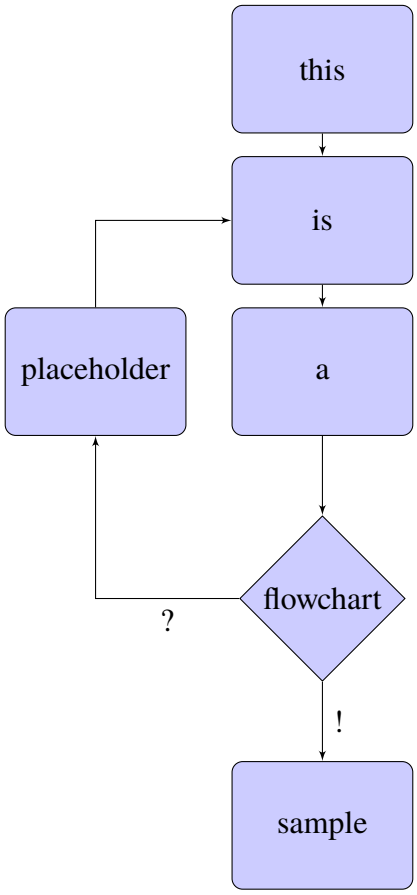

Figure 1: A Flowchart sample

Figure 2: External Picture Example: Landscape of BNU-HKBU UIC

2.2 Subsections

Subsections are usually go to second or third levels in depth. This is heading 2 section.

2.2.1 Heading 3 section

This is heading 3 section.

2.2.2 More sections

If there are more sections, it is not suggested that more numbering levels are used. We can use the following way in give the fourth level section.[1]

2.3 LaTeX Functionality Demo

Math Equation

$$\frac{1}{1+\dfrac{1}{2+\dfrac{1}{3+x}}}+\frac{1}{1+\frac{1}{2+\frac{1}{3+x}}} \tag{1}$$

$$\mathbf{B}(P)=\frac{\mu_0}{4\pi}\int\frac{\mathbf{I}\times\hat{\mathrm{r}}'}{r'^2}dl=\frac{\mu_0}{4\pi}I\int\frac{d\boldsymbol{l}\times\hat{r}'}{r'^2} \tag{2}$$

Pseudo Code

Algorithm 1 Euclid's algorithm

```
1: procedure EUCLID(a, b)                    ▷ The g.c.d. of a and b
2:     r ← a mod b
3:     while r ≠ 0 do                        ▷ We have the answer if r is 0
4:         a ← b
5:         b ← r
6:         r ← a mod b
7:     end while
8:     return b                              ▷ The gcd is b
9: end procedure
```

[1] footnotes working fine

3 Fonts and Format and Binding

The font is Times New Roman. The font size for text is 12 pt. The font size is 16 pt for heading 1 and 14 pt for heading 2. The main text must be justify-aligned. The left, right margin is 2 cm around and the top, bottom margin is 2.5 cm around. The students should prepare two hard copies, one is sent to the supervisor, and anther is sent to the FYP coordinator. Besides this, each student should also send a soft copy to supervisor.[1]

4 Reference, Citation and Conclusion

Each thesis must offer the references materials in the end. For all the references, they are supposed to be cited somewhere in the thesis.
The work in the thesis should be summarized and put in the conclusion part.[2]

5 References

[1] D. Gusfield, *Algorithms on Strings, Trees and Sequences*. Cambridge, UK: Cambridge University Press, 1997.

[2] American Psychological Association, *Publications Manual*. Washington, DC: American Psychological Association, 1983.

Appendices (optional)

If there is anything that is offered to support the thesis but is not appropriate to appear in main text, it can be put there.

Code

```
from __future__ import absolute_import, division, print_function

# TensorFlow and tf.keras
import tensorflow as tf
from tensorflow import keras

# Helper libraries
import numpy as np
import matplotlib.pyplot as plt

print(tf.__version__)
```