SCHOOL OF ENGINEERING AND COMPUTER STUDIES

Room 217, Second Floor, DWCL South Campus
Corner Rizal and Father Bates' Street, Old Albay District, Legazpi City Philippines 4500

THESIS and CAPSTONE PROJECT FORMAT

MANUSCRIPT :

Font Type   : Georgia
Font Size   : 12
Spacing   : Double space
Indent   : Use indention in every paragraph and apply justify alignment on all parts of the manuscript.

Chapter 1

INTRODUCTION

This section presents the project context, related foreign or local literature and studies, systems, company profile, description of existing and propose system, statement of the problem, objectives of the study, purpose and description, scope and delimitation and technical terms are presented, which are relevant to the conduct of this study.

PROJECT CONTEXT

Give a general introduction about the topic keywords with short definition and identify on what Sustainable Development Goals of the United Nations (SDG) it is connected. You may have one, two, or more SDG's depending on the nature of topic.

Include here citations of Related Literature and Studies based on the following requirements:
- o 5 Foreign Literatures
- o 5 Local Literatures   At least **10 years**
- o 5 Foreign Studies/Systems
- o 5 Local Studies/Systems   At least **5 years**

Follow the **author-date method** of in-text citation. This means that the **author's last name and the year of publication** for the source should appear in the text, and a complete reference should appear in the reference list at the end of the paper.

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Example:

In a recent study of student performance (Jones, 2023), ...

Group together related literatures, related studies/systems based on the keywords or topic used starting from foreign down to local.

After all the citations, summarize or give the synthesis at the last part of the paragraph.

COMPANY PROFILE (*optional*)

If ever there is a client, then include this part. Discuss a short description about the background of the company and the nature of business.

DESCRIPTION OF THE EXISTING SYSTEM

Discuss the manual process/existing flow of the system of the target client.

DESCRIPTION OF THE PROPOSE SYSTEM

Discuss here the flow of the propose or the computerize system you are proposing and include all the features.

STATEMENT OF THE PROBLEM

Insert a short introduction before identifying the possible questions related to the propose study. Use a number format for every question.

Example:

1. What are the existing problems of _____ in terms of:
    a._____
    b._____
    c._____

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Include ISO 25010 evaluation tool with a minimum of three (3) depending on the nature of the propose study.

OBJECTIVES OF THE STUDY

Insert a short introduction before identifying the objectives of the study written in a paragraph form. This part is in connection with the Statement of the Problem using a number format.

PURPOSE AND DESCRIPTION

Give a short introduction before enumerating the beneficiaries and discuss the benefits they can get from the propose study.

Example:

Student. The propose study could help them _____ _____.

Researchers. _____ _____.

SCOPE AND DELIMITATION

This part is composed of two paragraphs.
- o In the ***first paragraph***, discuss the scope of the propose study that includes the features, functionalities and others.
- o In the **second paragraph**, discuss the functionalities that are not included or not part of the propose study. Be specific.

TECHNICAL TERMS

Give a short introduction and identify the terms used in the study. Define each term conceptually and operationally. Include citations using APA format for conceptual terms. Operational terms should be define based on the actual function of the propose system.

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Example:

Interactive – <u>definition coming from a source</u>. <u>Operational definition   </u>.

NOTES

References ***should begin on a separate page***. It should be double-spaced just like the rest of the paper. Apply ***APA format***.

Example:

Mounier-Kuhn, P. (2012). Computer science in French universities: Early entrants and latecomers. *Information & Culture: A Journal of History, 47*(4), 414–456. https://doi.org/10.7560/IC47402