**THE DEVELOPMENT OF AN ANTI-PLAGIARISM SOFTWARE ON**

**RESEARCHDOCUMENTS FOR NATIONAL COLLEGE OF**

**SCIENCE AND TECHNOLOGY**

A**Thesis Proposal**

Presented to the Faculty of the  
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**Bachelor of Science in Information Technology**

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**Chapter 1**

**Introduction**

Plagiarism is copying or borrowing another`s work without permission from the owner. According from Oxford University plagiarism is presenting someone else’s work or ideas as your own, with or without their consent, by incorporating it into your work without full acknowledgement. All published and unpublished material, whether in manuscript, printed or electronic form, is covered under this definition. Plagiarism may be intentional or reckless, or unintentional. Under the regulations for examinations, intentional or reckless plagiarism is a disciplinary offence. The person that committed plagiarism can be considered intellectual thief.

(Source:<https://www.ox.ac.uk/students/academic/guidance/skills/plagiarism?wssl=1>)

This software project entitled **“THE DEVELOPMENT OF AN ANTI-PLAGIARISM SOFTWARE ON RESEARCH DOCUMENTS FOR NATIONAL COLLEGE OF SCIENCE AND TECHNOLOGY”** detects plagiarized content and search for a source document where the plagiarized content has been copied. This will help most of the researchers and authors to prevent plagiarism by attaching their document on the software, and it will also check if the manuscript has the same content in existing research documents on National College of Science and Technology (NCST) Research office.

**Background of the Study**

Plagiarism is the most common problem of every author. Since the Internet has been a source of sharing information, the copyright protection has lessened because of most internet users have a free access to their posted manuscript on the internet via copy and paste method. Worse the author has no idea that his/her manuscript has been plagiarized.

Unfortunately some of the plagiarized documents remain undetected from plagiarism due to lack of evidence, much worse is the documents of original author have been replaced by the name of the plagiarizer, then his/her name get most of the appraisal than the original author which is more deserving.

Nowadays most of the students that lack in enthusiasm always do the copy and paste in internet to do their research documents more convenient. The researchers develop software that detects plagiarized content that will help the researchers, teachers and research office of National College of Science and Technology (NCST). This will help the student of NCST to avoid committing plagiarism.

This thesis project starts on January 2018 until October 2018.

## Statement of the Problem

Most of the problem regarding on plagiarism is due to laziness of some researcher who copy and paste a valuable content on other documents. Internet is very useful tool on gathering information however despite of its usefulness it is also used to commit plagiarism.

The following are the questions that are sought to be answered by this study.

1. Is Graphical User-Interface (GUI) use by proposed system is considered as user friendly?
2. Can the proposed system detect similarities between multiple documents?
3. Is the data or information provided by proposed system that is needed by the user can considered accurate?
4. Is the proposed system is reliable in terms of its performance quality?

**Objectives of the Study**

The main objective of this study is to develop software that can assist the technical group of National College of Science and Technology to trace a research content that is suspiciously plagiarized, and also for the researchers to verify if their document has no similarity with other research documents.

This research intends to achieve the specific objectives listed below:

* Implement software that can detect if there are plagiarized phrases in a certain document.
* Create software that identifies the ratio of copied or plagiarized contexts.
* Provide a softcopy for uploaded files.
* Allow the user or admin to upload documents for scanning.
* Allow the user or admin to download the result of scanned documents.

## Scope and Limitations of the Study

The researchers used Python an objected oriented programming language that can easily to understand by the programmer. The software can scan the document in softcopy, analyze it if there are any suspiciously plagiarized contents and can search the source of the plagiarized content online. The system can only analyze a document that Windows Document (.docx) file format. The system can only access by students that currently enrolled in subject thesis/capstone project, teachers and the research office of National College of Science and Technology. Only the admin or the research office can add and delete the students/teachers account and thesis documents in database. The system can only be access by python flask web host.

The system cannot analyze images and pdf or other files format. The project was limited to the alumni and those students who were not taking thesis/capstone project.

**Significance of the Study**

This study will benefit the following.

**Students.** This study will benefit the students to learn more about how computers will assist the people for their research to be accomplished without plagiarizing or verify the uniqueness of their content.

**Research Office of National College of Science and Technology.** Will benefit from the proposed system that help them to analyze if the documents is suspiciously plagiarized and manage the storing of thesis documents.

**Research Instructors of National College of Science and Technology.** Will have less time consuming and more convenient way to check the research documents if it`s suspiciously plagiarized, And to confirm their thesis researchers are creating unique ideas for the betterment of their research

**Future Researchers.** Will benefit from proposed system as their guide to do more expansive and broader research in the future.