**THE DEVELOPMENT ANTI-PLAGIARISM SOFTWARE ON RESEARCH DOCUMENT FOR NATIONAL COLLEGE OF SCIENCE AND TECHNOLOGY**

A **Capstone Project / Thesis Proposal**

Presented to the Faculty of the  
Computer Studies Department,

**National College of Science and Technology**

**Dasmariñas City, Cavite**

In Partial Fulfillment of the Requirements for the degree

**Bachelor of Science in Computer Science**

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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 All published and unpublished material, whether in manuscript, printed or electronic form, is covered under this definition.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.

“Plagiarism is a desperate attempt of people that springs from laziness and refusal to write and do research—something that others consider as painstakingly laborious tasks,” I said, adding that it was an unforgivable insult not only to the professor to whom the paper was submitted, but to the academe in general (N. Guinto, 2012).

Software denotes programs that run on computers. John Tukey, a statistician at Princeton University and Bell Laboratories, is generally credited with introducing the term in 1958 (as well as coining the word bit for binary digit). Initially software referred primarily to what is now called system software—an operating system and the utility programs that come with it, such as those to compile (translate) programs into machine code

and load them for execution. This software came with a computer when it was bought or leased. In 1969 IBM decided to “unbundle” its software and sell it separately, and software soon became a major income source for manufacturers as well as for dedicated software

firms. (David Hemmendinger Michael R. Swaine Paul A. Freiberger William Morton Pottenger 12-15-2017)

**PROJECT CONTEXT**

Plagiarism is the most common problem on every author on this era. Since the Internet has been a source of sharing information however its copyright protection has lessen due to most internet users have a free access to their posted manuscript on a selected website this due to a Copy Paste method of most internet users, and what worse is the author has no idea that his/her manuscript have been plagiarized due to most websites has no copyright protection.

Unfortunately some of the plagiarized documents remain undetected from plagiarism due to lack of evidence that the document has been plagiarized, much worse is the documents original author have been replace the name of the plagiarizer, then the plagiarizer name has most of the appraisal than the original author which more deserving.

Our team planned to build software that will solve this problem. This software that we will develop detects plagiarized content and then it links to web sources around the internet. This will help most of the researchers and authors to prevent plagiarism by attaching their document on the software and then the software will check if the manuscript has the same content, it also check for the online sources around the web.

**STATEMENT OF THE PROBLEM**

The existence of the Internet is good source of sharing information, through internet we can access lots of information by just searching on the search bar, however the copyright is at risk since the Internet has limited copyright claims due to Copy Paste method are commonly used on the Internet, without noticing the author his or her manuscript might be plagiarized and worse without claiming the credits of work of an original author. How can we solve this problem by using software that is capable of detecting plagiarized content?

**OBJECTIVE**

To develop software that assist the technical group of National College of Science and Technology trace a research content with suspiciously plagiarized, and also for the researchers to verify if their content has little to no similarity with other research document.

This research intends to achieve the specific objectives listed below:

• To implement a software that can detect if there are plagiarized phrases in a certain document.

• To create a software that identifies the ratio of copied or plagiarized contexts.

• To build a software that properly cites the borrowed context.

**SCOPE AND LIMITATIONS OF THE STUDY**

We are using .NET Framework to develop this software and our programming language is C# since it is Objected Oriented and can easily understand by our programmers.

This software can scan the document for the softcopy and then analyze if there have any suspiciously plagiarize contents and visit the website.

The software can link to the website but not precisely can link it to the same website, there is the possibility that the software will link to the other website with same contents and also it calculates what level of content have been plagiarized.

However without Internet Connection this software cannot link any websites nor scan the documents contents.

**SIGNIFICANCE OF THE STUDY**

**Researchers** will benefit from the proposed system because the researchers will learn more about how computers will assist the people for their research to be accomplished without plagiarizing or verify the uniqueness of their content.

**Future Researchers** will benefit from proposed system help them as their guide to do more expansive and broader research documents that is checked thoroughly that their content was never the same with other documents.

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