



**PROJECT REPORT**  
**Spare Part Book Application**  
**With Colussi Algorithm**

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05.02.0030  
2011

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# APPROVAL AND RATIFICATION PAGE

## PROJECT REPORT

### Spare Part Book Application

### With Colussi Algorithm

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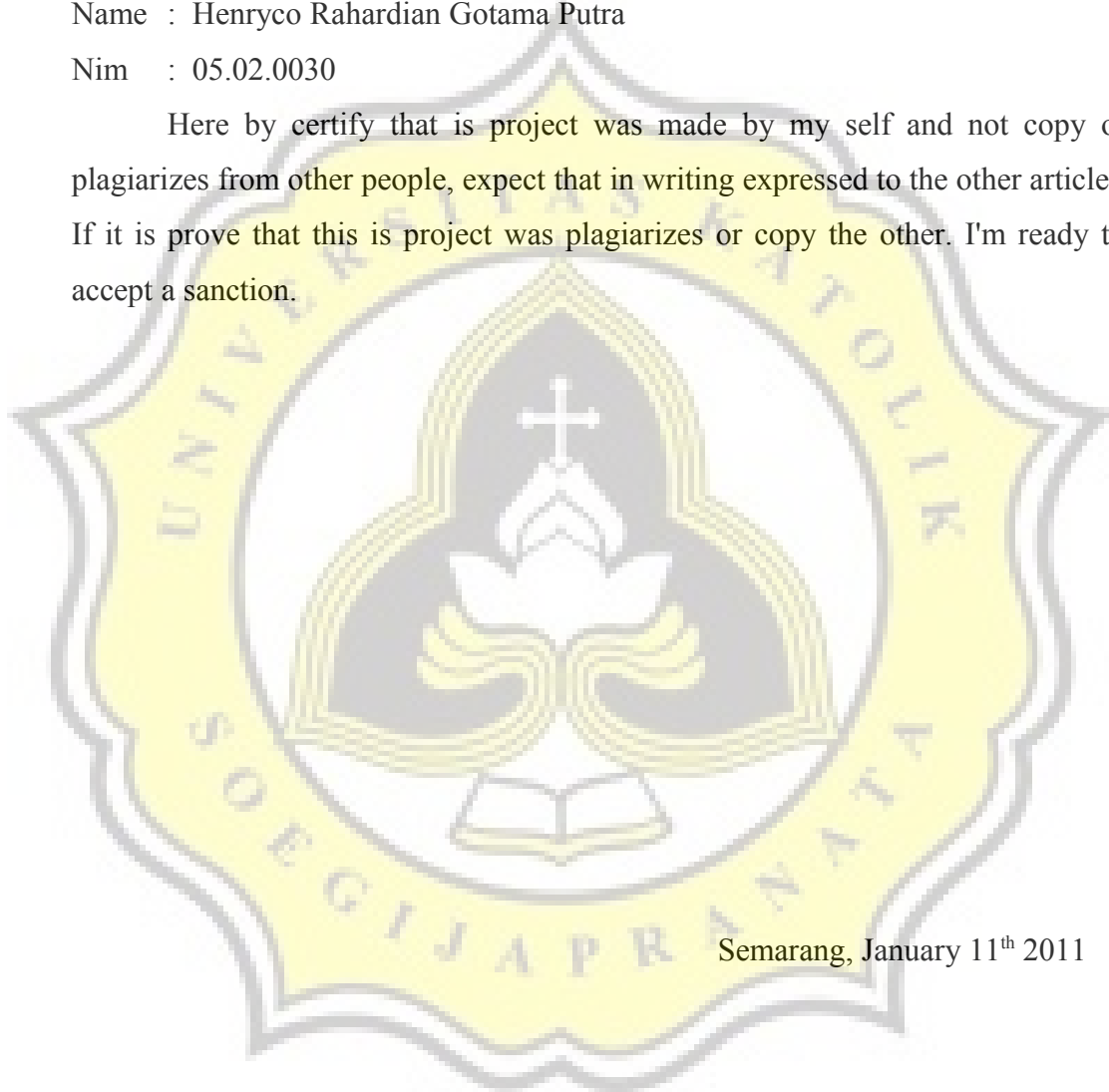
## STATEMENT OF ORIGINALITY

I, the undersigned :

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Here by certify that is project was made by my self and not copy or plagiarizes from other people, expect that in writing expressed to the other article. If it is prove that this is project was plagiarizes or copy the other. I'm ready to accept a sanction.



Henryco Rahardian Gotama Putra  
05.02.0030

## FOREWORD

First, I want say thank to my God, Jesus Christ on blessing and the favour so that I cant finish my project have a title : Spare Part Book Application With Colussi Algorithm. Without strength from He, I shall not finish this project on time. I also want to say many thanks to my family including, my parents Stefana Sri Rahardjo and (alm) Justinus Soedarto, my sisters and brothers Novita, Monica, Maya, Angela, Didik and Ipnu, one more thanks to my nephew Nathan and Bevon that patiently educate me, support and always pray for me. Without support from them, I shall not pass by difficult times moment do this project.

I don't forget to say many thanks to all of my friend is Faculty of Computer Science, Nicomedis, Temmy, Edy, Gilang, Bagus and can not I mention one by one who always helping me to finis this project and always give me spirit to never give up. Together we can through this, friend forever. Thank you to Mr. Gregorius Hendita Artha K., S.Si, M.Cs as supervisor that give me ideas and advices to finish my project. And thanks to my lecture and staff of Faculty of Computer Science Mr. Yanto, Mr. Marlon, Mr. Aji, Mr Rizki, Mr Ridwan, Mr. Daniel, Mrs. Rosita, Mrs. Shinta, Mrs. Asih, Mrs. Rini and Mr. Yosep for teaching me , give me knowledge and help me in administration while I'm study in Faculty of Computer Science.

And the last but not least I want say thank you to my girlfriend Anna Maya Siwi for stay to beside me till this project was finished. And thank you to anybody know me and always pray and support for me. I would like to apologize if I made busy many people during finishing the project and writing this report.

Semarang, January 11<sup>th</sup> 2011

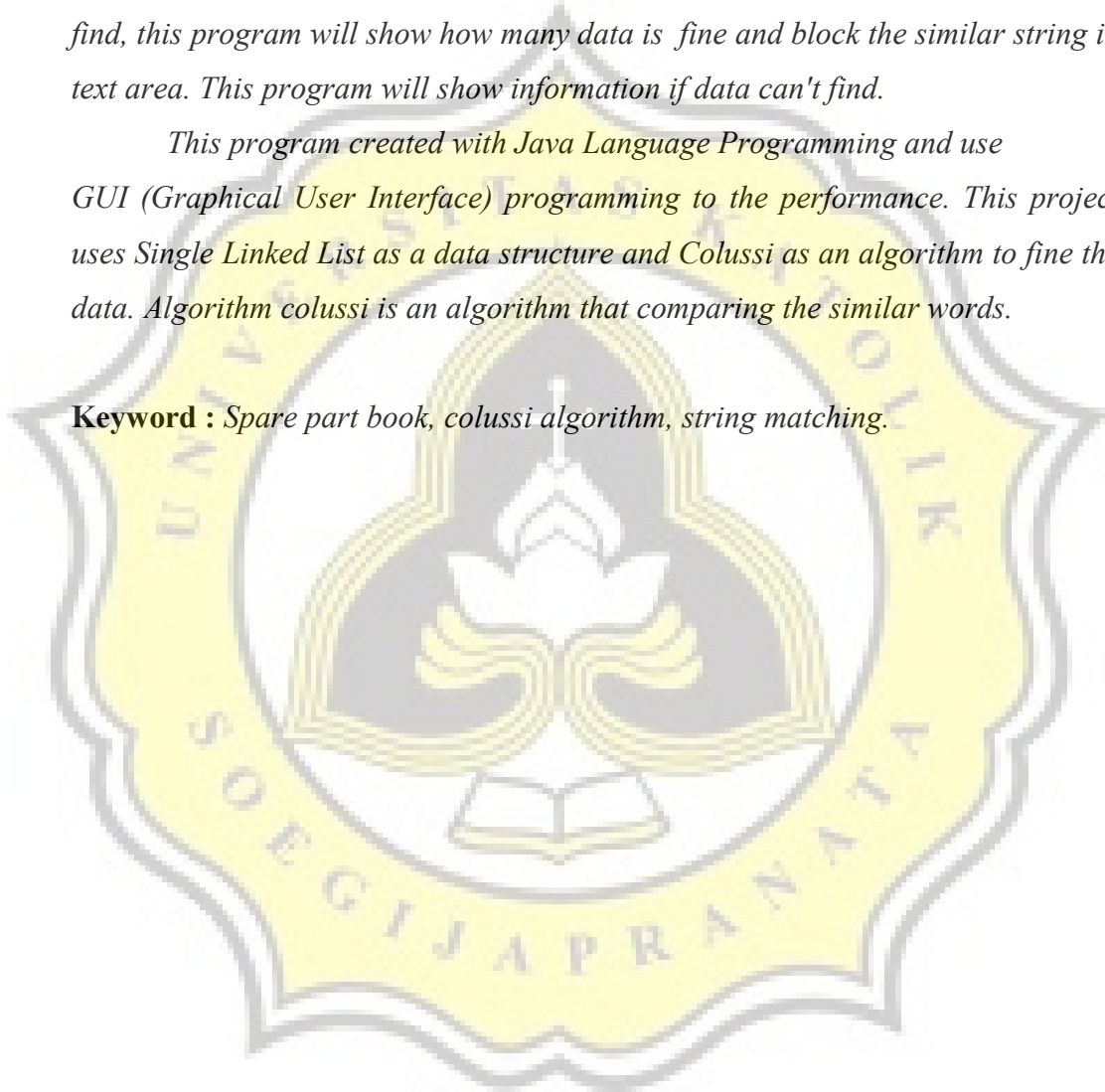
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## ABSTRACT

*Spare Part Book Application is a program to storing and searching data about item of spare part motor cycle. This program can searching data item in text file. This program also can find the similar string in text file. If data string is find, this program will show how many data is fine and block the similar string in text area. This program will show information if data can't find.*

*This program created with Java Language Programming and use GUI (Graphical User Interface) programming to the performance. This project uses Single Linked List as a data structure and Colussi as an algorithm to fine the data. Algorithm colussi is an algorithm that comparing the similar words.*

**Keyword :** *Spare part book, colussi algorithm, string matching.*



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