



TRAVELLING SALESMAN PROBLEM
ASSISTED WITH GOOGLE API AND
METHOD COMPLETE ENUMERATION

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APPROVAL AND RATIFICATION PAGE

PROJECT REPORT

TRAVELLING SALESMAN PROBLEM
ASSISTED WITH GOOGLE API AND
METHOD COMPLETE ENUMERATION

by

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This project report has been approved and ratified by the Dean of Faculty
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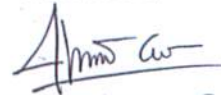
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STATEMENT OF ORIGINALITY

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Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, 18 July 2014



Tan Gerry Pratama

10.02.0003

ABSTRACT

In this modern era, a problem traveling salesman problem is often used as an ingredient for solving the problem. Search the shortest distance of a few points are needed in today's remember the importance of time and cost efficiency in transport in the modern era.

This application aims to map a user in any city that must be passed first in the desire to achieve the most optimal distance. This application is made with the help of google API (which helps to map meta and distance of the town) and assisted by complete enumeration algorithm that makes comparisons distance of each city and find the optimal point.

So if the project has been completed, I wish this application can useful for much people to easier them activities to get a minimum for a route cities.

Keyword : php proggaming, travelling salesman problem, complete enumeration , google API

FOREWORD

So far, I very happy can finish my final project with title : **Travelling Salesman Problem Assisted With Google API and Method of Complete Enumeration .**

I can not finish my final project without the help of God and the support of people around who always encouraged , I would like to thanks :

- My Lord and my saviour, Jesus Christ that give me grace and power to finish this project.
- My family Handoko, Lisa, Geviena which is always encouraging, praying, giving her love.
- Hironimus Marlon Leong, S.Kom.,M.Kom as my supervisor for helping, guiding and giving me ideas and advice in finishing this project.
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- All of my friends from Faculty of Computer Science and friend outside Faculty which is always encouraging .

At the last, critics and suggestions are expected.

Semarang, July 14th 2014

Tan Gerry Pratama

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