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OPTIMUM AND SHORTEST WAY FINDER

A PROJECT REPORT PRESENTED BY

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To the Board of Study in Statistics and Computer Science of the

POSTGRADUATE INSTITUTE OF SCIENCE

In partial fulfillment of the requirement

For the award of the degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

of the

UNIVERSITY OF PERADENIYA SRI LANKA

2005

WAY FINDER

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ABSTRACT

Finding shortest path and traffic planning in a modern congested society is an important and time consuming procedure. Finding fast algorithms for solving shortest path problems and traffic problems are therefore of great interest for all over the world.

This thesis concerns finding the shortest path and at the same time the optimum path giving some relief to the traffic burden on heavily congested road networks..

Djikstra's algorithm is used approach to this problem and few modifications are made to find the optimum path.

Heavily congested Colombo city limit is chosen and a user friendly simple project is created making the traveling more interesting and less time consuming giving less burden to the traffic, society and in all economy of the country.