VEHICLE ROUTING PROBLEM USING GENETIC ALGORITHM

SHAMINI NAGARATNAM (WGC020061)

DISSERTATION SUBMITTED IN FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER IN SOFTWARE ENGINEERING

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY UNIVERSITY OF MALAYA KUALA LUMPUR

JULY 2006

VEHICLE ROUTING PROBLEM USING GENETIC ALGORITHM

By

SHAMINI NAGARATNAM

A Dissertation Submitted to the Faculty of Computer Science at University of Malaya in Fulfillment of the Requirements for

the

MASTER

Of

SOFTWARE ENGINEERING

Under the Supervision of

Assoc. Prof. Raja Noor Ainon Deputy Dean (Post Graduate)

University of Malaya

FACULTY OF COMPUTER SCIENCE, UNIVERSITY OF MALAYA, KUALA LUMPUR

JULY 2006