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INVESTOR GUIDE AND PORTFOLIO MANAGEMENT SYSTEM

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Dissertation submitted to the Faculty of Information Technology, University of Moratuwa, Sri Lanka for the partial fulfillment of the requirements of the Honours Degree of Master of Science in Information Technology.

August 2011

Declaration

We declare that this thesis is our own work and has not been submitted in any form for another degree or diploma at any university or other institution of tertiary education. Information derived from the published or unpublished work of others has been acknowledged in the text and a list of references is given.

B.M.T.Chandike

Name of Student

Signature of Student

Date: 15/09/2011

Supervised by

University of Moratuwa, Sri Lanka.
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Dr. Prasad Wimalarathna

Name of Supervisor

Signature of Supervisor

Dedication

I dedicate my whole efforts in working this project to

"My affectionate & kind parents, Lectures, family members and to all people who guided me, helped me & provided information related to stock exchange"


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Abstract

The project describes the development of a software application that is implemented as a Java application. The functionality of the application includes the ability to manage individual investor's portfolio as well as get some help to make good investment decisions. It includes some graphics such as candlestick charts, price comparisons and price movements.

The purpose of this software is to help individual investor to track and analyze investment portfolios composed of stocks and help them to make good investment decisions. In addition to that this software describe a methodology to make investment tips (which would be useful to make investment decisions) and provide facility to manage portfolio of an investor The aim of this study was giving a software solution for the problem of maximizes the gain from stock market transactions and keeps transaction records in a useful manner of an Investor.

The interaction between the user and program will occur through a Graphical User Interface, which will be based on Java's Swing Application Programming Interface.

This software was developed to give the user an environment to keep track of their portfolio in an efficient manner and help them to make good investment decisions. Through the use of Java and mysql, this has been achieved

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