**ACKNOWLEDGEMENT**

I take this opportunity to thank one and all involved in building this project. Firstly I would like to thank the college for providing us an opportunity to work on the project.

I would also like to thank the management of **K. S. Institute of Technology** for providing all the resources required for the project.

I wish to acknowledge my sincere gratitude to our beloved Principal, **Dr. T.V. Govindaraju** for his encouragement and providing all facilities for the accomplishment of this project.

This project would not have been possible without the support of our beloved **Prof & HOD, Dr. Rekha.B.Venkatapur, Dept. of CSE.**

I am also highly grateful to my project guides, **Mr. K Venkata Rao, Mr. Kumar K**, and **Mr. Roopesh Kumar B N, Dept. of CSE** who have been very generous in assisting and supporting, to do this Project **“Stock Market System”.**

I also would like to thank all other teaching and non-teaching staff members who have extended their support and co-operation while bringing up this project.

**SHRAVAN BHAT**

**(1KS16CS092)**

**ABSTRACT**

Stock Market System is a system which enables individuals and organizations to trade shares and company stocks in the stock markets. It enables everyone to invest their money and manage and maintain their individual portfolios. It is a user friendly system which makes it easy to trade, find and invest in new companies which may interest them. We can also see the historical prices through the system including the companies open, high, close etc. on the Nifty 50 stock market which I have used as a base for this project. The system also allows us to trade and sell different stocks.

**CONTENTS**

**1. INTRODUCTION 1-3**

### 1.1 OVERVIEW 1 1.2 PROBLEM STATEMENT 1

* 1. DATABSE MANAGEMENT SYSTEM 1-2

1.4 SQL 2

1.5 HTML / JAVASCRIPT 2-3

1.6 JAVA CONNECTIONS 3

**2. REQUIREMENTS SPECIFICATION 4-5**

### 2.1 OVERALL DESCRIPTION 4 2.2 SPECIFIC REQUIREMENTS 4

2.2.1 SOFTWARE REQUIREMENTS 4

2.2.2 HARDWARE REQUIREMENTS 4

2.2.3 TECHNOLOGY 5

**3. DETAILED DESIGN 6-12**

3.1 SYSTEM DESIGN 6

3.2 ENTITY RELATIONSHIP DIAGRAM 7-9

3.3 RELATIONAL SCHEMA 10

3.4 DESCRIPTION OF TABLES 11-12

**4. IMPLEMENTATION 13-23**

4.1 MODULE AND THEIR ROLES 13-22

4.2 TRIGGERS AND STORED PROCEDURES 22-23

4.3 RESULT 23

**5. TESTING 24-25**

5.1 SOFTWARE TESTING 24

5.2 MODULE TESTING AND INTEGRATION 24

5.3 LIMITATIONS 25

**6. SNAPSHOTS 26-24**

### 6.1 LOGIN PAGE 26

### 6.2 REGISTRATION PAGE 26

### 6.3 HOME PAGE 27

### 6.4 LIST OF COMPANIES 27

6.5 LATEST STOCK PRICES 28

6.6 HISTORICAL STOCK PRICE 28

6.7 BUY STOCKS PAGE 29

6.8 PROFIT AND LOSS PAGE 29

**CONCLUSION 30**

**FUTURE ENHANCEMENTS 31**

**REFERENCES 32**