

CONTENTS

CHAPTERS	PAGE NO.
Abstract	i
Acknowledgement	ii
Table of Contents	iii
List of Figures	v
List of Tables	v
1. INTRODUCTION	01
1.1 General Overview	01
1.2 Problem Definition	01
1.3 Objectives	01
2. HARDWARE AND SOFTWARE REQUIREMENTS	02
2.1 Hardware Requirements	02
2.2 Software Requirements	02
3. SYSTEM DESIGN	03
3.1 Context-Flow Diagram	03
3.2 System Design	04
3.3 Data-flow Diagram	04
3.3.1 Data-flow diagram for adding items	05
3.3.2 Data-flow diagram for viewing	06
3.3.3 Data-flow diagram for modification	07
3.3.4 Data-flow diagram for display	08
4. IMPLEMENTATION	09
4.1 Technique Used – Primary Key Indexing	09
5. SOFTWARE TESTING	11
5.1 Unit Testing	11

6. RESULTS	12
7. CONCLUSION	15
REFERENCES	16
APPENDIX A (FRONT END CODE)	17
APPENDIX B (BACK END CODE)	26

LIST OF FIGURES

FIGURES	PAGE NO.
3.1 Context flow Diagram	03
3.2 System Design for Super Market Billing System	04
3.3.1 Data-flow diagram for adding items	05
3.3.2 Data-flow diagram for viewing	06
3.3.3 Data-flow diagram for modification	07
3.3.4 Data-flow diagram for display	08
6.1 First Screen	12
6.2 Inventory Options	12
6.3 Add Items to Inventory	13
6.4 New Bill Session	13
6.5 Display Screen	14
6.6 Remove Items	14

LIST OF TABLES

TABLES	PAGE NO.
5.1 Unit Testing	11