

TABLE OF CONTENTS

1. Abstract-----→	01
2. Introduction and Overview of Project-----→	02
2.1 Problem-----→	03
2.2 Purpose-----→	03
2.3 Aims and Objectives-----→	04
2.4 Scope-----→	05
3 Overall Description-----→	06
3.3 Product Perspective-----→	06
3.4 Product Features-----→	07
4 Requirement Analysis-----→	08
4.3 Personnel and Tasks-----→	08
4.4 Technical Feasibility-----→	08
4.5 Economic Feasibility-----→	09
4.6 Operational Feasibility-----→	09
5 Selection of Software Development Lifecycle-----→	10
5.3 Requirements-----→	10
5.4 Status of Development Team-----→	10
5.5 Involvement of Users-----→	11
5.6 Type of Project and Associated Risk-----→	11
6 Designing -----→	16
6.3 Flow Diagram-----→	16

6.4 DFD-----→	17
6.5 Use Case Diagram-----→	18
6.6 Circuit Diagram-----→	19
7 System Requirements-----→	20
7.3 Software Requirements-----→	20
7.4 Hardware Requirements-----→	21
8 Project Scheduling-----→	22
9 Snapshots-----→	24
10 Testing-----→	29
10.3 Introduction-----→	29
10.4 Testing of individual Modules-----→	30
10.5 Creating Test Data-----→	31
10.6 Test Cases-----→	32
11 Limitations and Future Prospects-----→	33
12 Conclusion-----→	34
13 Bibliography-----→	35