**Chapter No. Title Page No.**

1.Introduction…………………………………………………………...1

1.1 Objective……………………………………………………………………………………2

1.2 Functionalities………………………………………………………..…….........................2

1.3 Scope……………………………………………………………...………………………..3

1.4 Reports of Online Medicine Shop..…………………………………………………..….....4

1.5 Modules of Management System. ……………………………………………………..…..4

1.6 Input Data and Validation………………………………………………………………….5

1.7 SAQ Strategy……………………………………………………………………………….5

1.8 Features……………………………………………………………………………………..6

2.Software Requirement specification ………………………………..7

2.1 System Requirements…………………………………………............................................7

2.2 Software tools Requirements………………………………………....................................8

2.3 Hardware Tools Requirements……………………….,……………...................................8

2.4 Identification Of Need…………………..……………………………………………........9

3.Software Development Process………………………….…………10

3.1 System Analysis…………………………………………………………………………..10

3.2 System Design…………………………………………………………………………….11

3.3 Development…………………………..…………………………………………………..11

3.4 Integration and Testing…………….……………………………………………………...11

3.5 Implementation……………………………………………………………………………11

3.6 Operation & Maintenance/Support……………………………………………………..…11

4.System Analysis & Design……………………………..….............12

**4.1** System Analysis…………………………………………………………………………..13

4.1.1 Existing System of online medicine shop…………………………………………...13

4.1.2 Proposed System of Online Medicine shop……………………………...……….....13

4.1.3 Data Dictionary……………………………………………………………………...14

**4.2** System Design………………………………………………………………………….…15

4.2.1 Task Involve in the design process…………………………………………………..15

4.2.2 User Interface Design………………………………………………………………..16

4.2.3 Preliminary Product………………………………………………………………….17

4.2.4 Analysis Working on the Following objective………………………………………17

4.2.5 Benefits to Organization………………………………………………………….….17

4.2.6 The initial Cost………………………………………………………………………17

4.2.7 Running Cost………………………………………………………………………...17

4.2.8 Need for Training……………………………………………………………………18

**4.3** Project Category…………………………………………………………………………..18

4.3.1 Brief Introduction…………………………………………………………………....19

5.Implementation Methodology…………….………………..............20

5.1 Model……………..………………………………………………………………………20

5.2 View………………………………………………………………………………………20

5.3 Controller…………………….…………………………………………………………...20

5.4 Project Planning….…………………………………………………………………………....21

5.4.1 Within the Organization………………………………………………………………….21

5.4.2 With respect to customer…………………………………………………………………21

5.5 Project Milestone and Deliverables……………………………………………….…………...21

5.5.1 Budget allocation………………………………………………………………………....21

5.5.2 Project Estimates…………………………….…………………………………………...21

5.6 Resource Allocation…………...………………………………………………………….…...22

5.7 Risk Management……………………………………………………………………….……..22

5.8 Project Scheduling……………………………………………………………………….…….23

5.9 Cost Estimation Of the Project………………………………………………………….……..24

5.10 Project Profile……………………………………………………………………….………..25

5.11 What is UML……………………………………………………………………….………...26

5.12 Class Diagram…………………………………………………………………….………….27

6.Screenshot of the project online Medicine shop…………………….….44

7.Code of the project Online medicine shop……………...…..…………..63

8.Future Scope of the project………………………………….………….76

8.1 Limitation of project………………………………………………………………….………77

Conclusion……………………………………………………..................78

Reference and Bibliography………………………………………………79

**List Of figure**

**Chapter No. Figure title Page No.**

3. Fig 3.1 Software development process 10

4. Fig 4.1 RDMS 19

5. Fig 5.1 Model View Controller Flow 20

5. Fig 5.2 Project Scheduling 23

5. Fig 5.3 Class Diagram 27

5. Fig 5.4 Pert Chart Representation 29

5. Fig 5.5 Gantt Chart Representation 30

5. Fig 5.6 Use Case Model 31

5. Fig 5.7 Use case Diagram 32

5. Fig 5.8 Data Flow Diagram 35

5. Fig 5.9 ER Diagram 37

6. Fig 6.1 Index Page 45

6. Fig 6.2 Login Page 46

6. Fig 6.3 Register New customer Page 47

6. Fig 6.3.1 Customer Details. 48

6. Fig 6.4 Customer Login Page 49

6. Fig 6.5 Customer Home Page 50

6. Fig 6.6 Customer Medicine Buy Page 51

6. Fig 6.7 Customer Order Page 52

6. Fig 6.7.1 Customer Order Details Page 53

6. Fig 6.8 New Vendor Registration Page 54

6. Fig 6.8.1 New Vendor Registration Details 55

**List Of figure**

**Chapter No. Figure title Page No.**

6. Fig 6.9 Vendor/Seller Login Page 56

6. Fig 6.10 Vendor/Seller1 Home Page 57

6. Fig 6.10.1 Vendor/seller2 Home Page 57

6. Fig 6.11 Seller Add Product Page 57

6. Fig 6.11.1 Seller Add Product Detail1 58

6. Fig 6.11.2 Seller Add Product Detail2 59

6. Fig 6.12 Seller Restock Page 60

6. Fig 6.13 Seller Order Page 61

**Abstract :**

The purpose of Online Medicine shop is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Online Medicine Shop, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

Online medicine shops enable individuals to order prescription and over-the-counter medications, health supplements, and other medical supplies through websites or mobile applications. These platforms offer a wide range of products, providing customers with the convenience of browsing and purchasing from the comfort of their homes. They often have user-friendly interfaces, comprehensive product information, and search functionalities to assist customers in finding the required medications.

One of the primary advantages of online medicine shops is the accessibility they provide, especially for individuals with limited mobility, chronic illnesses, or those residing in remote areas. These platforms bridge the gap between healthcare providers and patients, facilitating the delivery of medications to their doorstep. Additionally, online medicine shops often offer discounted prices, promotions, and the ability to compare different brands, allowing customers to make informed decisions while saving time and money.