**ACKNOWLEDGEMET**

We are heartily thankful to our supervisor, Ms Jalpa Khamar, whose encouragement, supervision and support from the preliminary to the concluding level enabled us to develop an understanding of the subject. At the end, we offer our regards and blessings to all of those who supported us in any respect during the completion of the project and to our college for providing a resources and materials.

**ABSTRACT**

In Med Pharm, we aim to develop a web-based application which will maintain different medical software’s. The stockiest ( wholesaler ) and retailer will use online system to maintain different stocks of medicines. Our system mainly consists of wholesaler modules. In this system information such as name, address, contact information, sales detail of the medicines, expired medicines detail is maintained. Also Retailer can see all the products and their sub products which is provided by stokiest and Retailer can give online order through this application.

**TABLE OF CONTENTS**

Acknowledgement i

Abstract ii

Table of Contents iii

List of Figures v

List of Tables vi

1. **Introduction 1**
   1. Introduction 1
   2. Scope 1
   3. Purpose 1
   4. Overview of the project 2
   5. Problem definition 2
2. **Technology and Literature Review 3**
   1. About Tools and Technology 3
   2. Brief History of Work Done 5
3. **System Requirements Study 8**
   1. User Characteristics 8
   2. Hardware and Software Requirements 8
   3. Constraints
      1. Hardware Limitations 8
      2. Interfaces to Other Applications 9
      3. Higher Order Language Requirements 9
      4. Reliability Requirements 9
      5. Criticality of the Application 9
      6. Safety and Security Consideration 9
4. **System Analysis 10**
   1. Study of Current System 10
   2. Problem and Weaknesses of Current System 10
   3. Requirements of New System
      1. User Requirements 10
      2. System Requirements 11
   4. Feasibility Study
      1. Implementation Feasibility 12
      2. Cost & Schedule Feasibility 12
      3. Technical Feasibility 12
   5. Requirements Validation 12
   6. Activity/Process In New System 13
   7. Features Of New System 14
   8. Diagram 15
5. **System Requirements Study 24**
   1. System Application Design 24
      1. Method Pseudo code 24
   2. Database Design/Data Structure Design 25
      1. Data Dictionary 25
      2. Logical Description Of Data 30
   3. Input/output and Interface Design 31
      1. Samples Of Forms, Reports and Interface 31
6. **System Testing 35**

6.1 Test cases 35

1. **Conclusion 38**
2. **Bibliography 39**

**List of Figure**

|  |  |  |
| --- | --- | --- |
| **Fig. No** | **Fig. Description** | **Page No** |
| 2.1 | Ittrative Waterfall Model | 6 |
| 4.1 | UseCase Diagram | 15 |
| 4.2 | Class Diagram | 16 |
| 4.3 | E-R Diagram | 17 |
| 4.4 | Activity for Stokiest | 18 |
| 4.5 | Activity for Retailer | 19 |
| 4.6 | Sequence for Retailer | 20 |
| 4.7 | Sequence for Stokiest | 21 |
| 4.8 | DFD 0 | 22 |
| 4.9 | DFD 1 | 23 |
| 5.1 | New User Registration | 31 |
| 5.2 | Login page | 31 |
| 5.3 | Main menu | 31 |
| 5.4 | Profile page | 31 |
| 5.5 | Product page | 32 |
| 5.6 | Sub Product page | 32 |
| 5.7 | Detail Sub Product page | 32 |
| 5.8 | Add\_to\_cart | 32 |
| 5.9 | Make Order | 33 |
| 5.10 | View Order | 33 |
| 5.11 | Feedback | 33 |
| 5.12 | Contact Us | 33 |
| 5.13 | Change Password | 34 |

**List of Table**

|  |  |  |
| --- | --- | --- |
| **Table No.** | **Table Description** | **Page No.** |
| 5.1.1 | Retailer Table | 25 |
| 5.1.2 | Stokiest Table | 26 |
| 5.1.3 | Product Table | 27 |
| 5.1.4 | Add\_To\_Cart Table | 27 |
| 5.1.5 | Sub Product Table | 28 |
| 5.1.6 | Order\_details Table | 29 |
| 5.1.7 | Feedback Table | 30 |