**“PHARMACY MANAGEMENT SYSTEM”**

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A Project Submitted in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

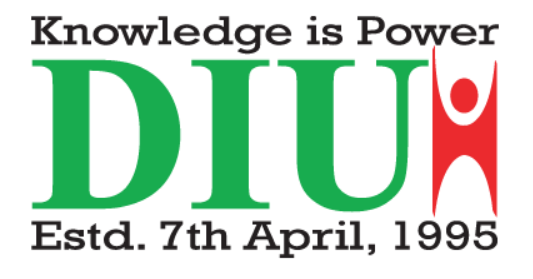
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# APPROVAL

This is to certify that project report entitled "PHARMACY MANAGEMENT SYSTEM" which is submitted by Nazmul Hoque, Md Abdul Alim, Sajal Kundu, Solaiman Ahmed & Khandhakar Mihir-Uj-Jaman to the Department of Computer Science and Engineering, University of Dhaka, Dhaka, Bangladesh, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering and approved as to its style and contents.

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**DECLARATION**

We hereby declare that this project report entitled "PHARMACY MANAGEMENT SYSTEM USING LARAVAL FRAMEWORK" which is submitted by our (under signed) in partial fulfillment of the requirement for the award of degree B.Sc. Engineering in Computer Science and Engineering in the Department of Computer Science & Engineering, Dhaka International University, Bangladesh comprises only our original work, own effort and that no part has been plagiarized without citations and due acknowledgement has been made in the text to all other material used.

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# ABSTRACT

Pharmacy Management System revolves around Dhanmondi area. Currently, the department utilizes a manual system to manage and monitor the pharmacys. This involves manual entry upon arrival of new batches of drugs. In addition, ordering of drugs is also done manually. Thus, in this aspect, the workload of the pharmacist increases. With the proposed system, drugs will be processed easily. Any drug interactions and contradictions in the prescription will be detected by the system. Stock replenishment is invoked when the quantity-on-hand is lesser than the reorder point. Pharmacy Management System emphasized the Object-Oriented life cycle as the software methodology because classes and objects can be reusable. The object-oriented life cycle phase comprises of Requirements Modeling, Analysis Modeling, Design Modeling, Implementation Modeling, Coding, Quality Assurance & Testing and Maintenance. Unified Modeling Language is used to model the system functionality and interactions between the users. On the other hand, this system is designed on the 3-tier architecture. Microsoft Windows is chosen as the application platform integrated with Microsoft ASP.NET as the programming language. To conclude, Pharmacy Management System is developed to maintain the productivity, efficiency and patients' confidentiality at the system.

**TABLE OF CONTENTS**

------------------------------------------------------------------------------------------------

CONTENT PAGE NUMBER

Approval……………………………………………………… ii

Declaration…………………………………………………… iii

Acknowledgement…………………………………………… iv

Abstract………………………………………………………. v

CHAPTER 1: INTRODUCTION 1-3

|  |
| --- |
| 1.1 Overview  1.2 Objectives  1.3 User Characteristics of Pharmacy Management System |

|  |  |  |
| --- | --- | --- |
| **INDEX** | | |
|  | | |
| **CONTENTS** | **PAGE** | |
| **APPROVAL** | **II** | |
| **DECLARATION** | **III** | |
| **ACKNOWLEDGEMENT** | **IV** | |
| **ABSTRACT** | **V** | |
| **INDEX** | **VI-IX** | |
| **LIST OF FIGURES** | **X** | |
| **LIST OF TABLES** | **X** | |
|  |  | |
| **CHAPTER 1: INTRODUCTION** | **1-3** | |
| 1.1 Overview | 2 | |
| 1.2 Objectives | 2 | |
| 1.3 User Characteristics of Pharmacy Management System | 2 | |
| 1.4 Problem Definition | 3 | |
|  |  | |
| **CHAPTER 2: TOOLS AND ENVIRONMENT USED** | **4-15** | |
| 2.1 HTML | 5 | |
| 2.2 CSS  2.2.1 Declaration Block  2.2.2 Use | 6 | |
| 2.3 JavaScript  2.3.1 Server Site JavaScript | 8 | |
| 2.4 MySQL  2.4.1 Architecture of MySQL  2.4.2 Benefits  2.4.3 Created a Database  2.4.4 Create a Table  2.4.5 Commands | 8  9  9  10  10  10 | |
| 2.5 PHP  2.5.1 Basic Syntax  2.5.2 Advantages of PHP  2.5.3 Server Support  2.5.4 Database Support  2.5.5 What Can PHP Do?  2.5.6 Why PHP?  2.5.7 What is a PHP File? | 12  12  12  12  13  13  13 | |
| 2.6 Bootstrap  2.6.1 Bootstrap Boiled Files | 13  14 | |
| 2.7 The Laravel PHP Framework | 14 | |
| 2.8 Apache Server | 15 | |
|  |  | |
| **CHAPTER 3: SYSTEM DESIGN** | **16-23** | |
| 3.1 Introduction | 17 | |
| 3.2 Purpose | 17 | |
| 3.3 Design Goals | 17 | |
| 3.4 Entity Relation Diagram | 18 | |
| 3.5 Data Flow Diagram | 19 | |
| 3.6 Use Case Diagram | 20 | |
| 3.7 System Context Diagram | 21 | |
| 3.8 Data Dictionary | 22 | |
|  |  | |
| **CHAPTER 4: SOFTWARE REQUIREMENTS AND SPECIFICATION** | **24-26** | |
| 4.1 Overall Description | 25 | |
| 4.2 Product Perspective | 25 | |
| 4.3 Assumption And Dependencies | 25 | |
| 4.4 Security Requirements | 25 | |
| 4.5 Software Quality Attributes | 26 | |
| 4.6 Hardware Specifications | 26 | |
| 4.7 Software Specifications | 26 | |
|  |  | |
| **CHAPTER 5:TESTING** | **27-31** | |
| 5.1 Definition | 28 | |
| 5.2 Verification | 28 | |
| 5.3 Validation | 28 | |
| 5.4 Basic of Software Testing  5.4.1 Black Box Testing  5.4.2 White Box Testing | 28  28  28 | |
| 5.5 Types of testing  5.5.1 Unit testing  5.5.2 Integration Testing  5.5.3 Functional Testing  5.5.4 System testing  5.5.5 Stress Testing  5.5.6 Performance Testing  5.5.7 Usability Testing  5.5.8 Acceptance Testing  5.5.9 Regression Testing  5.5.10 Beta Testing | 29  29  29  29  29  30  30  30  30  30  31 | |
|  |  | |
| **CHAPTER 6: SAMPLE FORMS** | **32-47** | |
| 6.1 Admin Login | 33 | |
| 6.2 Admin Login Page  6.2.1 Add seller  6.2.2 View Seller Details  6.2.3 Payment  6.2.4 Seller Request | 33  34  35  35  36 | |
|  |  | |
| 6.3 Seller Login  6.3.1 Seller Home Page  6.3.2 Add Brand  6.3.3 View Brand Details  6.3.4 Add Product  6.3.5 View Product Details  6.3.6 Stock Product  6.3.7 Invoice  6.3.8 Bill pay | 36  37  38  39  40  40  41  42  42 | |
| 6.4 Medicare Home Page | 43 | |
| 6.5 Medicare Product Page | 45 | |
| 6.6 Become a Seller | 46 | |
|  |  | |
| **CHAPTER 7: FUTURE WORK AND CONCLUSION** | **48-49** | |
| 7.1 Future Work | 49 | |
| 7.2 Conclusion | 49 | |
|  | | |
| **Reference** | | **50** |

|  |  |
| --- | --- |
| **LIST OF FIGURE** | |
| **Figure Name** | **Page** |
| Figure2.1: MySQL Working Process | 9 |
| Figure2.2: PHP Working Process | 11 |
| Figure: 3.1 Entity Relation Diagram | 18 |
| Figure 3.2: Data Flow Diagram | 19 |
| Figure 3.3: Use Case Diagram | 20 |
| Figure 3.4: Context Diagram | 21 |
| Figure: 6.1 Admin Login | 33 |
| Figure: 6.2 Admin Home Page | 34 |
| Figure: 6.3 Add Seller | 34 |
| Figure: 6.4 Seller Details | 35 |
| Figure: 6.5 Seller Details | 35 |
| Figure:6.6 Seller Request | 36 |
| Figure:6.7 Seller Login | 37 |
| Figure:6.8 Seller Home Page | 38 |
| Figure: 6.9 Add Brand | 39 |
| Figure: 6.10 View Brand Details | 39 |
| Figure: 6.11 Add Product | 40 |
| Figure: 6.12 View Product Details | 41 |
| Figure: 6.12 Stock Product | 41 |
| Figure: 6.14 Invoice | 42 |
| Figure: 6.15 Bill Pay | 42 |

|  |  |
| --- | --- |
| **LIST OF TABLE** | |
| **Table Name** | **Page** |
| Table:2.1 Basic HTML Tag | 5 |
| Table:2.2 CSS Priority Scheme (Highest To Lowest) | 6 |