DEWAN INSTITUTE OF MANAGEMENT STUDIES



Major Project Synopsis

ON

“ Medical Store Management System”

Submitted in the fulfilment of the requirement for the award of

BACHELOR OF COMPUTER APPLICATIONS (BCA)



Affiliated to C.C.S University

**BCA – VI SEM**

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**ACKNOWLEDGEMENT**

I take this precious opportunity to express my gratitude toward “MEDICAL STORE MANAGEMENT SYSTEM” to grant is permission for undergoing the training project. Without its willingness to permit this project would not have been succeed.

First of all would you like to thanks all those people who helped me directly or indirectly to complete my project whenever I found myself in problems. Our all faculties encourage me and due to their kindness and helpful nature and help I got very much confidence to complete this project.

I am deeply inherited who devoted his precious time in giving me the information about the various aspect and gave support and guidance at every point of time. I am really thankful to their kind and supportive nature. His inspiring nature has always made my work easy.

Last but not least, I would like to express my gratitude to those persons who directly or indirectly helped in my project.

We own special debt of gratitude to our project co-ordinator **DR. NEERAJ KUMAR GUPTA**, **Lecturer** and **H.O.D.,** **DEWAN INSTITUTE OF MANAGEMENT STUDIES, MEERUT** we also take the opportunity to acknowledge during the development of the project

**ROLE AND RESPONSIBILITIES**

|  |  |  |
| --- | --- | --- |
| Name | Role | Responsibilities |
| Ankit | **Data Base Administrator**  **Programmer** | **Data Base Designing**  **Coding of expense Module** |
| Abhishek | **Tester**  **Data Base Administrator**  **Programmer** | **Testing of the Application**  **Data Base Designing**  **Coding of expense Module** |
| Ajit Chauhan | **Tester**  **Data Analyst** | **Testing of the Application**  **Collection of data and creation of modules** |

Approval certificate for mAJor project

This is to certify we (**“Ankit, Abhishek, Ajit Chauhan”**) the student of BCA of Dewan Institute of Management Studies affliated with CCS University will develop the project on **“MEDICAL STORE MANAGEMENT SYSTEM”** based on java Technology. We hereby request you to kindly look into the synopsis and approve us to develop the project under the of guidance of

**DR. NEERAJ KUMAR GUPTA.**

**Name roll. No. Signature**

Ankit 190986106028

Abhishek 190986106004

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**INDEX OF THE SYNOPSIS**

1. TITLE OF THE PROJECT……………………………………………………… 1
2. INTRODUCTION…………………………………………………………………. 2
   1. Objectives of the Project…………………………………………………………….
3. PROJECT CATEGORY……………………………………………………………
4. Hardware and Software Requirement…………………………………
   1. Hardware Requirement …………………………………………………………
   2. Software Requirement ………………………………………………………….
5. ANALYSIS………………………………………………………………………………
   1. Data Flow Diagram……………….……………………………………………………
   2. E-R Diagrams….…………………………………………………………………………
   3. Data Structure………………………………………………………………………….
6. MODULES DETAILS…………………………………………………………………
   1. Number of Modules…………………………………………………………………….
   2. Modules and their Description……………………………………………………
   3. Process Logic of Each Module…………………………………………………….
7. Type of Report Generation…………………………………………………….
8. FUTURE SCOPE……………………………………………………………………….
9. BIBLIOGRAPHY………………………………………………………………………

TITLE OF THE PROJECT

**MEDICAL STORE**

**MANAGEMENT**

**SYSTEM**

****

**INTRODUCTION**

In the present time, the medical stores are looking for the services that are accurate and reliable for providing services to the customers and workers. Every store is making efforts to computerize their activities for providing better services to the customers. The medical store management system is the system used for medicine stock inventory in the medical stores. This system enables the manager of the store to record and manage all activities of the medical store.

This system also enables the workforce of the medical store to offer their services in a manner which is more efficient and systematic which also improve of the medical store. this also helps in analysing the performance of the store. the medical store management software can organize the daily activities in the medical store such as information of tablets, billing, details of stock and others. The medical store management software enables to maintain the details of purchase stock by the store and the details of the selling stock by customer wise.

This software generates the automated bill for every sale and also generate the reports for the customer detail, sell and stock. The use of this system reduces the time and effort involved in managing inventory of the medical store. It also reduces the hard work involved in using paper for record keeping. The use of this system enables the managers to easily record the details of their suppliers and assess them whenever required.

The use of medical store management system improves the efficiency of staff of the store as it provides information about the medicines and its location in the store. The medical store management system can give ease to the medical stores in managing their paper work, payment details and inventory online along with retrieving them

**OBJECTIVE OF THE PROJECT**

The objective of this project is to organize the medical store details like stocks, medicines, expense, sales and others. The project s mainly developed at the administrative end and therefore it only provides access to the administrator of the store. The medical store management system is developed as application program for reducing manual work managing medical store, it also helps in keeping track of all the details regarding the expense, stocks and sales.

The objective of this project is to organize the medical store details like

1. Stocks
2. Medicines
3. Expense
4. Sales
5. Vendors
6. Others

**PROJECT CATEGORY**

* **Application Software (Windows Application) - RDBMS**

**Relational Database Management System (RDBMS):->** This is an RDBMS based Project which is currently using **MYSQL** for all the transaction statements.

**HARDWARE & SOFTWARE REQUIREMENT**

**Hardware Requirement**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Processor | Ram | HDD | Other | Display Resolution |
| I3 or above  2.6GHZ | 4GB | 512GB | Monitor,  Keyboard,  Mouse etc. | 1024\*768 or above |

**Software Requirement**

|  |
| --- |
| Operating System: -> Windows 7/8/10  Front-End Tool: -> Core Java  Back-End Tool: -> DBMS using MYSQL  Editor -> Notepad |

|  |
| --- |
|  |

**ANALYSIS**

**CFD**

Medicine Details

Company Details

Purchase Details

Vender Details

Sales Details

Bill Generation

Stock Details

**ZERO-LEVEL DFD**

Invalid

User

Id/password Login

User Details Valid

Vender Details Vender

Company Details Company

Medicine Details Medicine company Details

Vender Details

Vender Details

Purchase Purchas Details

Medicine Details

Stock Details

Company Details

Sales Medicine Details

Stock Details

Company Details

Sales Details Vender Details

**ONE LEVEL DFD**

1. **For Login Process 1-level DFD:**

invalid

user

Login/Forgot User Details

Id/password Password

Valid

Change Password User Details

1. **For Vender Process:**

invalid

user

User Details

Id/password Login

Valid

New

Vender Vender Details

Update vender Vender Details

Vender Details

Update vender

1. **For Company Process:**

invalid

user

User Details

Id/password Login

Valid

New Company Details

Company

Update Company Company Details

1. **For Medicine Process:**

invalid

user

User Details

Id/password Login

Valid

New Medicine Medicines Details

Modify Medicine Medicine Details

Delete Medicine Medicine Details

1. **For Purchase Process:**

invalid

user

User Details

Id/password Login

Valid

Purchase Details Purchase Stock Details

1. **For Sales Process:**

invalid

user

User Details

Id/password Login

Valid

Sales Details Sales Stock Details

Costumer Details

**E-R Diagram**

**M\_ID M\_name name A\_id Gender**

**Medical Store 1 Manage n Administrator**

**1**

**1 Add 1**

**M\_ADD Quantity price d.o.p Mobile**

**M\_name** **v\_id v\_name**

**Purchase A\_name**

**Email** **V\_ID ADD A\_id**

n **v\_name**

**Vender v\_id**

**Has** m **Mobile A\_name**

**Cs-id**

**d.o.s** **Cs\_name**

**M\_name Sales**

**C\_id**

**price quantity n Add**

**Company**

**name sales**

**Company name**

m **Cs\_id name**

n n n

**Medicines m Search n Costumers**

**Price M\_name mobile**

**M\_name**

**DATA STRUCTURE**