MINI PROJECT REPORT ON

MEDICAL STORE MANAGEMENT SYSTEM

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Under the guidance of
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INTRODUCTION

Medical Shop Management System is a project developed for medical shops. This system is a field concerned with purchasing and selling medicines, maintaining their inventory, generating sales invoices and generating reminders of expiry dates about medicines. It requires more time and effort when all procedures are performed manually.

Thus, to reduce time consumption and human effort the Medical Shop Management System application can be applied in medicals where a manual procedure exists. The purpose of this project is to reduce time consumption and human effort. This application provides user-friendly interface as well

Features
➢ Menu driven, Keyboard navigation
➢ Paperless practice
➢ Improve efficiency, productivity
➢ Cost-effective solutions
➢ Graphical User Interface
➢ No special training is needed for using the system
➢ Anyone who doesn't have accounting knowledge can use it without any difficulty

TECHNOLOGY OVERVIEW

1 HARDWARE REQUIREMENT:

DEVELOPERS:

- PROCESSOR: 2.0 GHZ AND ABOVE.
- MEMORY: 2 GB RAM.
- HARD DISK: 80 GB HDD.

USER:

- PROCESSOR: 2.0 GHz AND ABOVE
- MEMORY: 2 GB RAM
- HARD DISK: 80 GB HDD

2.2 Technology used:

- C++ Language

2.3 SOFTWARE REQUIREMENTS:

USERS: VISUAL STUDIO CODE (CROSS PLATFORM)

LANGUAGE USED

 C++: C++ is a general-purpose, case-sensitive, free-form programming language that supports object-oriented, procedural and generic programming.
C++ is a middle-level language, as it encapsulates both high and low-level language features.

Object-Oriented Programming (OOPs)
C++ supports object-oriented programming, the four major pillars of object-oriented programming (OOPs) used in C++ are:
1. Inheritance
2. Polymorphism
3. Encapsulation
4. Abstraction

Usage of C++
With the help of the C++ programming language, we can develop different types of secured and robust applications:
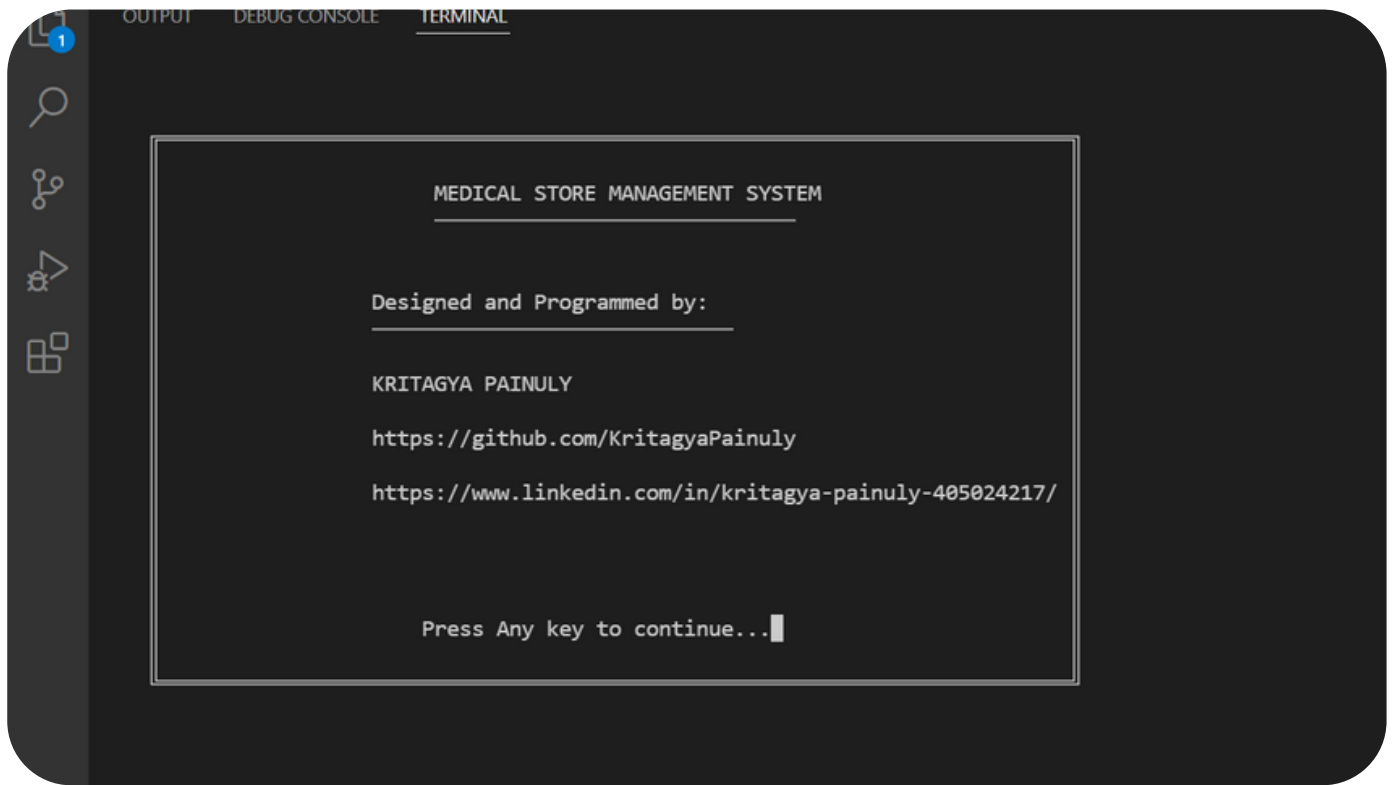- Window application
- Client-Server application
- Device drivers
- Embedded firmware etc

C++ Standard Libraries
Standard C++ programming is divided into three important parts:
- The core library includes the data types, variables and literal, etc.
- The standard library includes the set of functions manipulating strings, files, etc.
- The Standard Template Library (STL) includes the set of methods manipulating a data structure.

SCREENSHOT

```
MEDICAL STORE MANAGEMENT SYSTEM


Designed and Programmed by:


KRITAGYA PAINULY

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              Press Any key to continue...
```
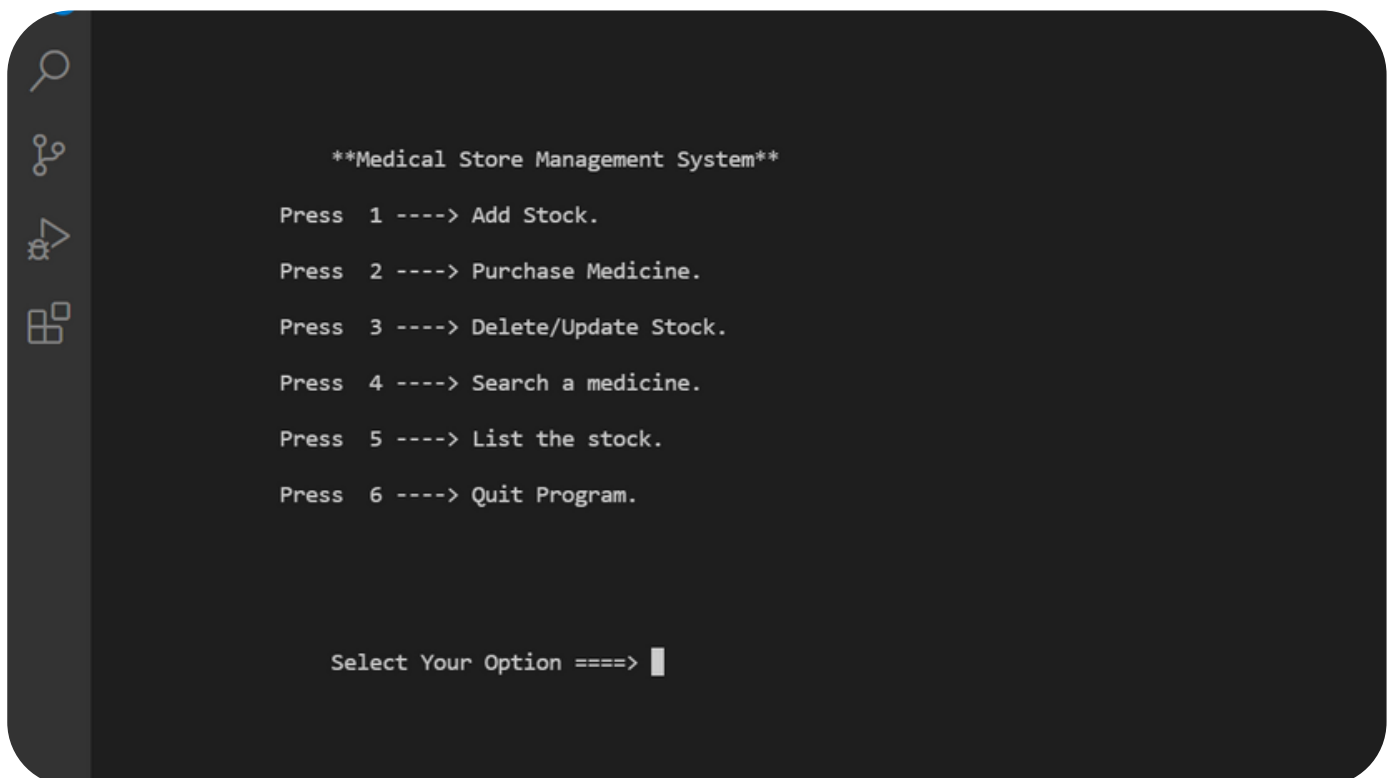
```
        **Medical Store Management System**

    Press  1 ----> Add Stock.

    Press  2 ----> Purchase Medicine.

    Press  3 ----> Delete/Update Stock.

    Press  4 ----> Search a medicine.

    Press  5 ----> List the stock.

    Press  6 ----> Quit Program.



        Select Your Option ====>
```

```
                    Insert New Record

        Medicine Name : ABC

        Medicine Code : 101

        Company : XYZ

        Expire Date: 12/2/2024

        Dose : 10

        Cost: 150

        Total Stock: 1000


            Recorded Succesfully...!!!
```

```
        You can Search only through the Medicine code of a medicine

        Enter Code Of the medicine: 101


    -----------------------------------------------------------------
Medicine Name: XYZ

Code: 101

Company: Mankind

Expiry Date: 11/3/2030

Cost: 10

Dose(mg): 2

Total Stock: 300
```

```
                    ***List of the Stock Available***

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

      Name: ABC  Code: 100  Available Stock: 1050
      Name: XYZ  Code: 101  Available Stock: 300
      Name: AAA  Code: 102  Available Stock: 1150
      Name: BBB  Code: 103  Available Stock: 100
```

OUTPUT   DEBUG CONSOLE   **TERMINAL**

```
                  ***CHECKOUT BILL***

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

        NAME          COST            AMOUNT

        XYZ           10              10

        AAA           20              22

                  TOTAL BILL  540
```

CONCLUSION

This system provides an easy way for the operator to interact with the database and to manipulate the data in the database.

The operator can add, delete and update the records in the database with ease.