

# PHARMACY MANAGEMENT SYSTEM

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# OBJECTIVE

- To Take medicine orders
- Delete and Modify medicine orders
- Print Receipt
- Make Payments
- Summary of Total Sales

# PROBLEM IN EXISTING PHARMACY SYSTEM

- At present, manual system is being utilized .
- Managing a very large pharmacy record is a tedious work.
- Lots of paperwork
- Difficult to keep track of inventories.
- Difficult to keep track of medicines available at the store.



# BENEFITS

- Access to privilege pharmacy shops
- Reduces clerical work
- Customers can buy medicines anywhere with higher limits
- Helps to keep record of daily medicines sales
- Helps customer to escape the long in-person queues
- Provide greater speed & reduced time consumption.

# SYSTEM REQUIREMENTS

- Hardware Requirements-

The following is the minimum hardware specification to use this package:

1. Computer with either Intel Pentium processor or AMD processor.
2. 128MB DDR RAM
3. 40GB hard disk drive

- Software Requirements-

1. Operating System- Windows NT and all later release
2. Application Software- Dev C++ or any other C++ supported compiler
3. Editor- Dev C++ or any other C++ supported editor
4. MS Office package



# METHODOLOGY

Concepts of C++ used in the project-

1. Header files
2. Class
3. Member functions

const Member functions

4. Function

Declaration, Definition and Calling

5. Switch statement
6. File management

# SOURCE CODE OVERVIEW

- Header files- `iostream`, `stdlib.h`, `string`, `cctype`, `cmath`, `cstdio`, `fstream`, `iomanip`.
- A public class named `medicineType` having six member functions- `take_order()`, `delete_order()`, `modify()`, `order_list()`, `daily_summary()`, `exit()` .
- Member functions are defined outside the class definition.
- `delete_order()`, `order_list()`, `daily_summary()`, `exit()` are const member function.
- Seven functions- `take_order()`, `delete_order()`, `modify()`, `order_list()`, `daily_summary()`, `exit()`.
- Switch statement provides the Main Menu selection control.



# OUTPUT DISPLAY

```
Pharmacy Management System
=====

-----
||      1. Take new Medicine order      ||
||      2. Delete latest Medicine order  ||
||      3. Modify Order List             ||
||      4. Print the Reciept and Make Payment ||
||      5. Daily Summary of total Sale   ||
||      6. Exit                          ||
-----

Enter choice:
```

Main Menu

# LIMITATIONS

- Can generate a better graphic based interface for the package.
- Link with database for better data management.
- The implementation and maintenance costs run very high
- Implementing the software requires change in the business practices.
- It leads to streaming of business processes.
- Detailed information gathering has to be done. Without that the purpose for using the software won't be satisfied properly.



# FUTURE SCOPE OF THE PROJECT

- We can go further for Online Pharmacy system.
- We can also deal through internet by creating web pages and a website for internet dealing.
- We can establish one platform and link other various shops and available help centers for customer's queries.
- In this project we can also include BAR CODE facility using the bar code reader, which will detect the expiry date and the other information about the related medicines.
- Company using this software will always be able to plan in future and always be aware of their financial position in the market.
- To attract new customers, we can offer various offers during festivals months.
- To have more and more customer satisfaction we will emphasize more and more on our dealings.

# REFERENCES

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Thank You