



“PHARMACY STORE MANAGEMENT”

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Introduction

The aim of this project is to develop a pharmacy management system using Java programming language. The pharmacy management system will help pharmacists manage their inventory, sales, and customer records more efficiently.

Therefore, the development of a pharmacy store management system using Java programming language is an excellent opportunity to streamline the operations of a pharmacy store. This system will provide an efficient and user-friendly way to manage inventory, sales, and customer records. It will automate routine tasks, reduce the workload of pharmacists, and provide accurate and up-to-date information about stock levels and sales of each product.

Overall, the pharmacy store management system developed in this project will provide an efficient and effective solution for managing a pharmacy store. It will help pharmacists to reduce their workload, streamline their operations, and provide better customer service. The project will require a comprehensive understanding of Java programming, graphical user interface design, and database management.

Objectives:

The objectives of the pharmacy management system are as follows:

1. To provide an efficient and user-friendly system for managing inventory, sales, and customer records.
2. To reduce the workload of the pharmacists by automating routine tasks.
3. To provide accurate and up-to-date information about the stock levels and sales of each product.

Methodology:

Methodology: The pharmacy management system will be developed using Java programming language. The system will be designed with a graphical user interface (GUI) to make it easy to use for the pharmacists. The system will have three main modules: inventory management, sales management, and customer management.

Inventory Management:

The inventory management module will allow pharmacists to manage the stock levels of each product in the pharmacy. The module will provide the following functionalities:

- 1)Add new products to the inventory.
- 2)Update the stock levels of each product.
- 3)View the list of all products in the inventory.
- 4)Search for a specific product in the inventory.

Sales Management:

The sales management module will allow pharmacists to manage the sales of each product in the pharmacy. The module will provide the following functionalities:

1. Register new sales.
2. Update the sales record of each product.
3. View the list of all sales made.

4. Generate sales reports.

Customer Management:

The customer management module will allow pharmacists to manage the customer records. The module will provide the following functionalities:

1. Register new customers.
2. Update the customer records.
3. View the list of all customers.
4. Search for a specific customer.

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Windows PowerShell
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PS C:\Users\USER\Desktop\java> & 'C:\Program Files\Java\jdk1.8.0_202\bin\java.exe' '-cp' 'C:\Users\USER\AppData\Roaming\Code\User\workspaceStorage\8a4e28fc024cbbda529ee1cb4f8e751\redhat.java\jdt_ws\java_e51665fa\bin' 'PharmacyStoreManagement'
Please choose an option:
1. Add new item to stock
2. Update stock of an item
3. Update price of an item
4. Display stock of an item
5. Exit
1
Enter item name: dolo
Enter item price: 33
Enter item stock: 45
dolo added to stock.
Please choose an option:
1. Add new item to stock
2. Update stock of an item
3. Update price of an item
4. Display stock of an item
5. Exit
1
Enter item name: coughsyrup
Enter item price: 23
Enter item stock: 34
coughsyrup added to stock.
Please choose an option:
1. Add new item to stock
2. Update stock of an item
3. Update price of an item
4. Display stock of an item
5. Exit
2
Enter item name: dolo
Enter new stock: 23
Stock of dolo updated.
Please choose an option:
1. Add new item to stock
2. Update stock of an item
3. Update price of an item
4. Display stock of an item
5. Exit

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Conclusion:

In conclusion, the pharmacy management system will provide an efficient and user-friendly system for managing inventory, sales, and customer records. The system will help pharmacists reduce their workload and provide accurate and up-to-date information about the stock levels and sales of each product. The system will be developed using Java programming language and will have three main modules: inventory management, sales management, and customer management. The system will be designed with a graphical user interface (GUI) to make it easy to use for the pharmacists.

GITHUB LINK: <https://github.com/nkk0786/java>