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| **Benha University** |  | **Faculty of Computers & Artificial Intelligence** |

**Project Title**

pharmacy management system

**in**

**information system**

**Supervised by:**

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By:

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**INTRODUCTION:**

This project is insight into the design and implementation of a Pharmacy Management System. The primary aim of is to improve accuracy and enhance safety and efficiency in the pharmaceutical store. Today management is one of the most essential features of all form. Management providessophistication to perform any kind of task in a particular form. This is pharmacy management system. itis used to manage most pharmacy related activities in the pharmacy .

The main aim of the project is the management of the database of the pharmay . This project is in sight into the design and implementation of a Pharmacy Management System. This is done by creating a database of the available medicines in the shop. The primary aim of pharmacy management system is to improve accuracy and enhance safety and efficiency in the pharmaceutical store

The pharmacy project is considered one of the important projects anywhere, due to the large turnout of the public everywhere, where the public considers the pharmacy as a place to purchase medicines as well as medical consultations, in case of feeling any disease, and the pharmacist is considered a trustworthy doctor as his opinion is taken in everything from The public side, and here the importance of the pharmacy appears, as it is not only for selling medicines, but also for medical consultations, especially for ordinary diseases that spread among many or when exposed to wounds and others.

**Project Objective:**

the project aims and objectives are as follows:

is a system that organizes and manages the drug use process in pharmacies by storing data and enabling functionality. The Pharmacy System Project no only helps organizes the Medicines Management, It also secures and does the fundamental processes in any pharmacy.

* Manage the products that we have.
* Store it products in a tables.
* Segmentation of products according to their type.
* The ability to print an invoice with products and their prices.

**Development tools:**

1-Java with netbeans IDE.

2- SQL with my sql workbench.

3-connector between netbeans and my sql.

Schema diagram:

Graphical user interface, text

Description automatically generated

E-R diagram:

This **Pharmacy management system database** design was made based on managing pharmacy requirements. The system can encode both customers and medicines’ information. Pharmacy admin can have access to the medicines status and information in terms of the number sold and remains to identify the inventories of sales and stocks. They can handle the data needed in managing pharmacy as well as the sales of medicines and customer records.

The features included in the system ER diagram were the security and monitoring of the medicines’ information and status and customers’ order.

A picture containing text

Description automatically generated

1-Login frame:

The user logs in with the account.

Graphical user interface, application

Description automatically generated

\*is displayed to the user

1-Product list.

2-Receipt.

3-Agent.

A picture containing application

Description automatically generated

The user selects the medicines he needs, knows the price, prints the receipt, and after completing the process, he logs out

Graphical user interface, application, Teams

Description automatically generated

The user has completed the purchase:

Graphical user interface, application

Description automatically generated

Agent table :

Graphical user interface

Description automatically generated

Summary:

The role of pharmacy management is to supervise and manage the pharmacy employees in order to preserve excellent working relationships and outcomes. To improve the services offered in every Pharmacy, the formulated proposal, abstract and modules of this Project management .