Project Proposal	
Project Title : Pharmacy Management System	**Type : Desktop Application**

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Problem Statements : The aim of the project is to create an effective software to help the pharmacist to maintain the records of the medicines, handle user details, generate invoice, check and renew validity and provide a scope of communication between users by using inbuilt messaging system. Pharmacy management system deals with the maintenance of drugs and consumables in the pharmacy unit. This pharmacy management system is user friendly.

Objectives: The main aim of the project is the management of the database of the pharmaceutical shop. This project is insight 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 aim of this project is to develop software for the effective management of a pharmaceutical store. We have developed this software for ensuring effective policing by providing statistics of the drugs in stock.

Deliverables: □A fully functional online pharmacy management system that allows users to browse, search, and order medicine online. □ A secure payment system that ensures the safety of user's personal and financial information. □A user-friendly interface that allows users to easily navigate the system and find the medicine they are looking for. □A system that can generate reports and provide analytics to help medicine sellers make informed decisions about their inventory. □Technical documentation and user manuals.

Methodologies : Waterfall: This is a traditional methodology that follows a linear approach, where each phase of the project is completed before moving on to the next phase. This methodology is suitable for projects with well-defined requirements, a stable team, and a fixed budget.**Agile:** Agile methodology emphasizes collaboration, flexibility, and iterative development. This methodology is suitable for projects with evolving requirements, a dynamic team, and a focus on delivering a working product quickly**.**

Project Overview : **Users' view:** This program can be used in any pharmaceutical shops having a database to maintain. The software used can generate reports, as per the user's requirements. The software can print invoices, bills, receipts etc. It can also maintain the record of supplies sent in by the supplier. Here, the admin who are handling the organization will be responsible to manage the record of the employee. Each employee will be given with a separate username and password.

Admin's view: Register/Login **,** Maintaining Order , Add new medicine **,** Update medicine details **,** Delete medici

Technology Stack	
Frontend	JFrame, JCalendar, JTatto
Backend	JAVA
Database	MYSQL

Scope: The scope of the proposed project includes the development of an online pharmacy management system that allows users to browse, search, and order medicine online. The system will also allow medicine sellers to showcase and sell their medicine online. The system will include a secure payment system, a user-friendly interface, and the ability to generate reports and provide analytics to help medicine sellers make decisions about

Risk ; The project may face technical risks ,budget Risks budget ,Schedule risks

Dependencies : Data Sources ,Third-party ,User Feedback , Technical Dependencies , Team Dependencies