

SN2

NIT DISPENSARY PROJECT

DISPENSARY SYSTEM COMPUTERISING AND AUTOMATION

2016 BATCH: 6 MONTH PROJECT



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THE PRESENT SYSTEM

The present system involves a complex and paper reliant process. It involves 5 different formatted documents that have to be hand filled. It involves around 3 registers, tabulated and filled manually. It is a system whereby time and effort is spent on monotonous tasks. Pharmacists have no reliable way of keeping track of expiry dates. They receive no alerts and medicines expire and have to be disposed of frequently. In other words, not only is the system monotonous, slow and inefficient, it also creates a real loss to the dispensary. While the system is not broken, it still has to be fixed.

And that is exactly what our project aims to do. It aims to improvise on a working system, making it faster, more reliable and cost efficient. The project aims to improve the system by utilizing the existing technology of computers. We want to design an integrated solution that will built from scratch to cater every need of the NIT DISPENSARY. The system will be fully based on java as the front end and MySql as the back end.

The present system involves the following documentation

Student and worker records (MEDICAL RECORDS) are taken on color coded booklets.

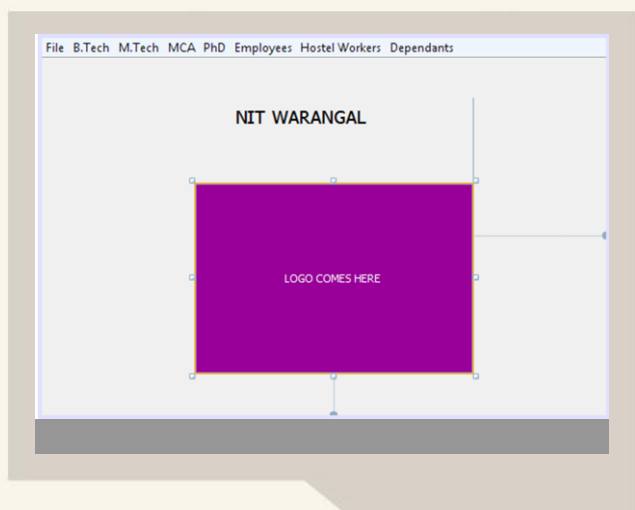
Different colors are used for B.Tech students, research scholars, hostel workers and employees.

Out-patient slips are used to transfer prescriptions and other details between the nurse, the pharmacist and the doctor.

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WE PROPOSE AN INTEGRATED SYSTEM FOR THE NIT W DISPENSARY

Our project aims to make a system that will be efficient, faster and very practical. Our system will focus on usability and effectiveness. The aim is that the software developed should be utilized fully and safely. It should make the dispensary faster, and should save money in the long run. Our approach is what made us choose graphical user interface with dropdown menus and buttons, along with simple forms as our front end.



THE PROJECTS CONSISTS OF THREE PHASES

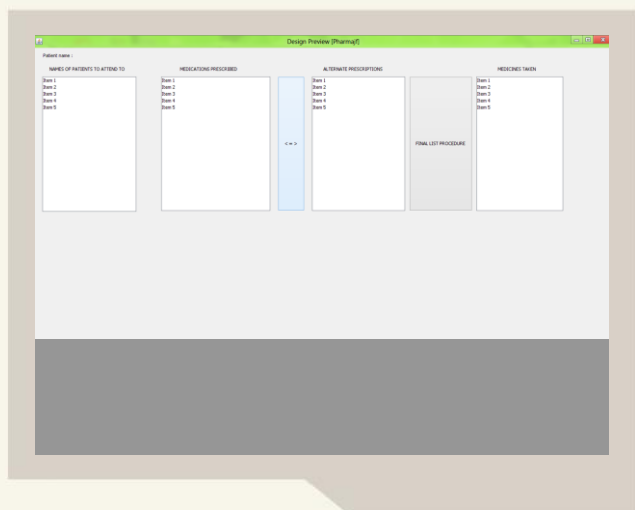
Phase 1, this is the design of gui's and database charts. The main aim is to set a framework and lifecycle on which this project will be completed

Phase 2, this is the implementing of logic, connection of front and back ends, and making the gui interfaces into a program. This is the "coding" phase.

Phase 3, this is the deployment of our software. This would be the setting up of the software on a network of computers. This is the "hardware" phase.

Phase 4, this is the training of the staff at the dispensary. It also involves the alpha and beta testing of the software.

***NOTE:** A manual for the staff and administrators of the future will be made. This manual will be written alongside for the entire duration of 6 months.



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NIT WARANGAL

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