Group 2 - Student Services Management System

Module - Medical Dispensary

<u>SYNOPSIS</u>

Objective:

The intent of this module of our project (Student Services Management System) is to create a medical dispensary management system that would effectively manage the appointments, medicine schedules, patient histories, working staff, as well as the monthly and yearly usages of the medicines.

This project will be developed in such a way that only those who are enrolled in the college (student, faculty, & staff) will be able to log in. This will reduce the manual work required for managing the dispensary.

Functionalities of the system are as following:

Patient Management
- Patient (Faculty & Students):
    Book an appointment (normal/emergency, in-person/online),
    Cancel appointment,
    Update appointment timing,
    Check the timing of doctor appointments,
    Check the previous history.

Staff Management
- Doctor:
    Check appointments,
    Update visiting hours,
    Check medicines status,
    Check student medical history,
    Write prescription,
    Get a monthly/yearly statement of patients.

- Chemist:
    Inventory tracking,
    Add medicine,
    Get a monthly/yearly statement of medicines,
    Check medicine details and status,
    Issue medicine to students & update stock.

Some Extra Points -

- The system will provide MS Excel support for chemists so that they can easily export the stock listings from inventory.

- One will be able to easily export the patients' histories and prescriptions in pdf format too. Only LNMIIT active members would be able to enjoy the benefits of the website in order to ensure security.

- The project will be posted publicly on the Open-Source Code Hosting platform GitHub that would also ensure individual participation in the project.

- Our website would provide a better, proper, and faster management of all the services provided by a typical medical dispensary. It would also provide a platform for the integration of all medicinal records of the college.

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