

INFO 5100
Semster Project
TOPIC - DRUG DISTRIBUTION SYSTEM

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Drug Distribution System



Introduction

Created an efficient system to deliver medicines from Distribution centers to Hospitals. The project provides specifications for the purchase of drugs and Manufacturing and distribution of medicaments. The types of drug distribution system demonstrated inn the project are:-

- a) Combination of individual and floor stocking systems.
- b) Individual Prescription order system.

Components

Enterprises include :-

1. Hospital
2. Supplier
3. Logistics
4. Pharmacy
5. Drug Inventory Warehouse

Organizations include:-

1. Doctor
2. Operations
3. Pharmacy
4. Supplier
5. Drug Inventory
6. Transport

Roles include:-

1. Admin
2. Pharmacy
3. Doctor
4. Supplier
5. Transporter
6. Drug Warehouse Manager
7. System Admin
8. Logistics

Overview

- System Admin has the access to manage the Network/area, Enterprise and also creates an admin for each enterprise..
- This project also has the functionality to manage organizations such as a supplier, operations, doctors etc
- By displaying the organizational postings and setting userIDs for them, there is a distinct page for managing and creating the employees.
- This project follows a hierarchy where an enterprise can create an organization which in turn can be used to create employees for different organizations
- Since Drug Distribution is a critical and an important process, we have integrated an email service to reach out to the master system admin to get access to the service.

Screenshots

Given below are a few snippets from the project implementation.



The screenshot displays the login interface for the 'Drug Distribution System'. It features a dark blue sidebar on the left containing the system name, login fields, and navigation buttons. The main content area is a solid dark blue rectangle.

Drug Distribution System

Username:

Password:

Login

Logout

Need Access?

Contact Admin

Close Contact Admin

Enterprise Admin

Enterprise Admin:
<value>

Manage Organization

Manage Employee

Manage User

Manage Employee

Organization:

Item 1



ID	Name

Name:

Organization:

Item 1



Create Employee



Doctor Prescription

Name:

Gender:

--Please select--

Age:

Diagnosis:

Medication:

--Please select--

Frequency

0

Days:

0

 SAVE

Medical Name	Total Quantity	Receiver



Contact Admin

Subject

Message

Send