



PARSHWANATH CHARITABLE TRUST'S

**A.P. SHAH INSTITUTE OF TECHNOLOGY**

**Department of Computer Science and Engineering**

**Data Science**



# **SURPLUS MEDICINE MARKETPLACE**

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**Project Guide**  
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# 1. Introduction

- This project establishes a marketplace where individuals can buy and sell surplus medicines.
- Sellers can list their unused medicines for sale, and buyers can browse available medications.
- Fostering a platform that promotes accessibility to affordable healthcare resources and reduces medicine wastage.
- Problem Identified :
  - Unused or excess medicines can lead to unnecessary waste, which has environmental implications. Proper disposal and management are essential to minimize their impact.
- Solution Proposed :
  - Reuse of medicines and prevent the waste it used to produce.

## 2. Objectives

- To ensure Accessibility and Affordability.
- To Enhance Community Health.
- To Promote Sustainability.
- To Foster Transparency.

### **3. Scope**

1. Can be used to provide the needed medicines to people at a very affordable cost.
2. Can be used to reduce the biomedical waste.

## 4. Feature /Functionality

### 1. User Registration and Secure Login:

- Users can create accounts securely and log in to the platform.
- Ensures privacy and personalized experiences.

### 2. Medicines Listings:- Helps users find specific drugs easily.

### 3. Search and Filtering:- Users can search for medicines by name, category, or condition.

### 4. Transaction Management:

- Manage Payments
- Ensures smooth transactions.

## **5. Outcome of Project**

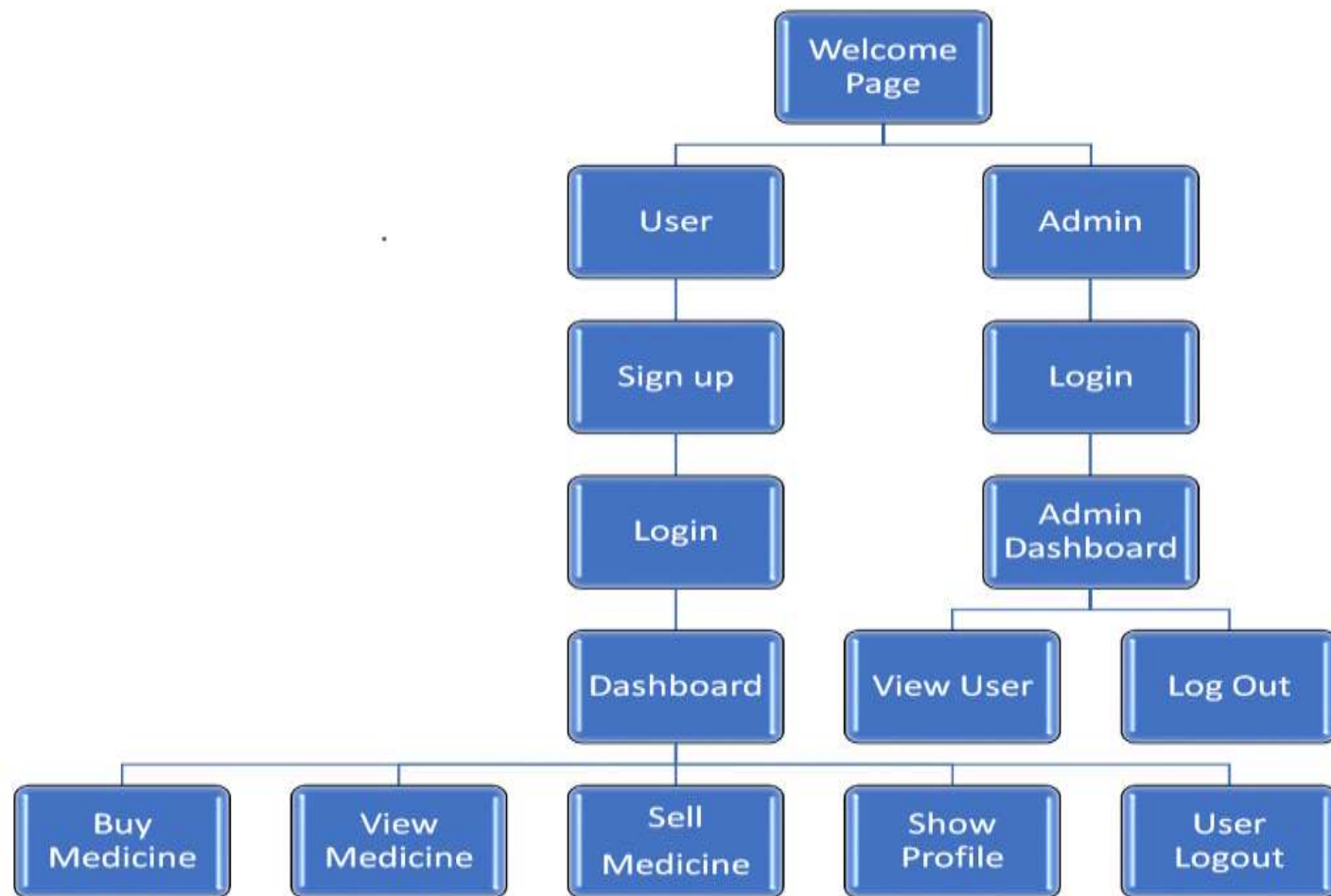
1. Buyers can buy the surplus medicines
2. Sellers can sell the medicines
3. User can search the medicines needed

## 6. Technology Stack

1. FRONT END (JAVA) : For creating a graphical user interface (GUI) for the payment section. Both libraries are supported within the NetBeans IDE.
2. BACK END (MySQL) is used for Signup and Sell medicine.
3. TURBOLOGO for creating logo of the project.



# 7. Block Diagram



Thank You...!!