

# EMedCom : Medicine Wastage Management and Requirement Prediction System

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# PROBLEM STATEMENT

- ▶ Wasted or unused medicine is a serious and growing problem you can help tackle.
- ▶ Wasted medicine is everyone's responsibility and there are small changes you can make to help reduce the amount of medicine being wasted.
- ▶ Based on the current situation, there is no way that a person can give medicines if its not needed or excess, to customers who need it.

# EXISTING SYSTEM

- ▶ Currently, the existing system is inefficient.
- ▶ Medicine can only be exchanged for known persons which is limited.
- ▶ It need more human efforts.

# PROPOSED SYSTEM

- ▶ This is a system where the people who have excess of medicines can be re-used effectively.
- ▶ I would like to introduce a **Collection Centre**, where people and other medical stores can return there unused medicines, where this Collection Centre acts as a service organisation.
- ▶ **People, Medical Stores and other Collection Centres** have the provision to **buy and sell** these unused medicines with in the expiry date.
- ▶ the system also predicts the medicine flow including the areas where more medicines are needed along with its type.

# STEPS

1. Registration Pages for all users.
2. Buying and Selling of required medicines.
3. Tracking the flow.

# REQUIREMENTS

Operating System : LINUX

Platform : Android, jupyter notebook

Language : Java, python

Database : Firebase

# ADVANTAGES

- ▶ Reduce time and effort.
- ▶ Provides consistency and efficiency.
- ▶ Time saving and flexible.

# DIAGRAM

