

Imprest Stock Management System

Objective: Imprest is a medical store in hospitals where the system should be able to read the medicine SKU inventory and create the purchase orders automatically based on the thresholds set. Entire Purchase Order workflow is managed through the system and the inventory should get updated automatically in the system by reading through cameras.

Business Challenge

- Maintain Stock and tracking each medicine/SKU inventory manually is troublesome.
- In-time identification of low stock and delay in stock / inventory updates causing huge inconvenience when there is urgent need

Solution Offered

- Introduced artificial intelligence through Video Analytics
- Machine learning process will undergo on the physical systems
- Model trainings will be done to understand the objects
- System is developed to read the data and create Purchase Orders for the low inventory SKUs

Outcome

- Manual effort is reduced drastically
- Human errors overcome with automated video analytics.
- Purchase Order Management process made is with the system to track and get alerts automatically

Tech Stack:

