Smart Inventory Management System

- *Track Stock*

- *Predict Demand*

- *Manage Products*
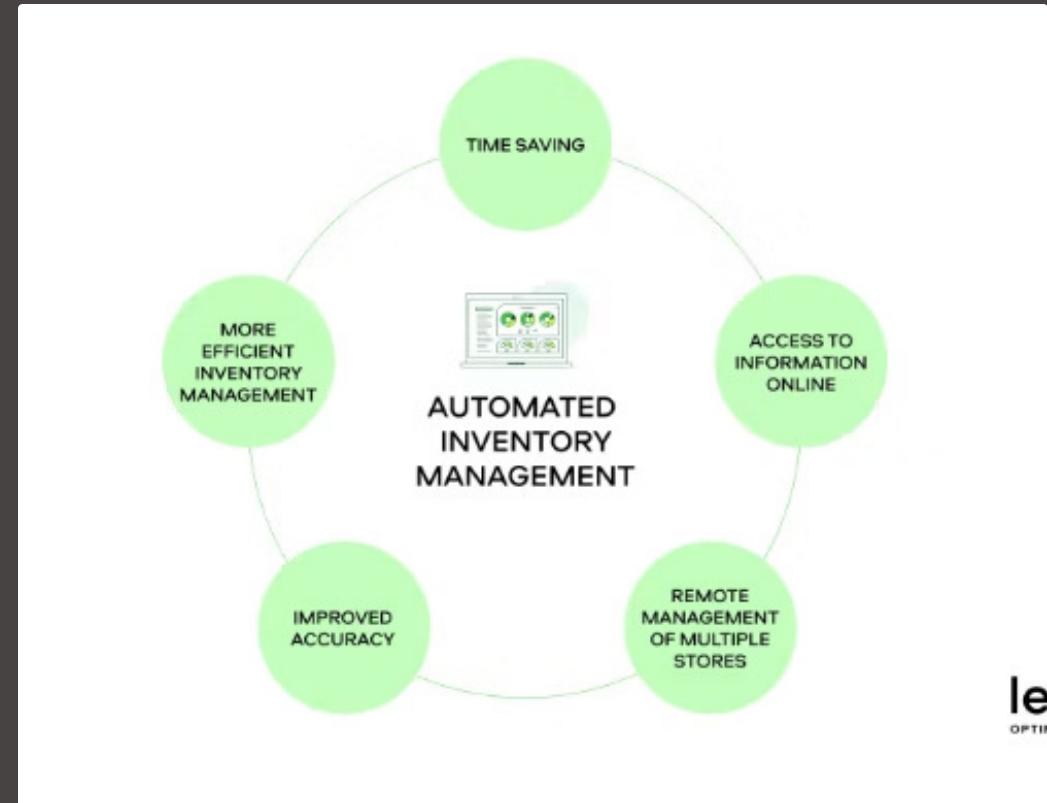
Presented by: Smriti

Introduction

Smart Inventory is a **modern web-based stock management system** designed to streamline operations for shops, stores, and small businesses. This intuitive platform simplifies the complexities of inventory management.
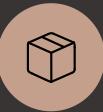
Our system offers comprehensive tools to:

- Monitor product quantities in real-time
- Receive automatic low stock alerts
- Track sales patterns and trends
- Organize products by category
- Leverage AI-based demand prediction

Built with speed and responsiveness in mind, Smart Inventory features a **sleek, modern UI** with both dark and light modes to suit your working environment and personal preferences.

Key Features

Product Management

Add, update, delete, and search products instantly with an intuitive interface designed for speed.

Smart Search

Global search bar filters items in real-time, helping you find exactly what you need in seconds.

Low Stock Alerts

Automatic notifications highlight items below minimum quantity thresholds to prevent stockouts.

Sales Overview Dashboard

Comprehensive dashboard displays total products, low stock items, and predicted order volumes at a glance.

Dark / Light Theme Toggle

Modern UI with smooth animations adapts to your preference, reducing eye strain during long work sessions.

Why Smart Inventory?

Traditional Stock Management

- Time-consuming manual processes

- Prone to human error and miscounts

- Difficult to update daily inventory

- No prediction or forecasting capability

- Limited accessibility across devices

Smart Inventory Solution

- **Saves valuable time** with automated tracking

- **Reduces errors** through digital accuracy

- **Works automatically** with real-time updates

- **Easy for everyone** – no technical expertise required

- **Accessible anywhere** on phone, tablet, or laptop

Designed specifically for shopkeepers and small business owners, Smart Inventory transforms inventory management from a daily burden into a streamlined, efficient process.

Technology Stack

01

Frontend Technologies

HTML5 provides the structural foundation for semantic, accessible web pages.

CSS3 powers the modern UI with animations, gradients, and responsive design elements.

JavaScript handles DOM manipulation, event handling, theme toggling, and dynamic filtering.

02

Data Storage

Browser LocalStorage enables persistent data storage for the demo version, allowing seamless user experience without backend infrastructure.

THANKYOU