

Inventory Management System

Driver	@m.adan
Approver	@Jacob Farrow
Contributors	@Jacob Farrow @m.adan
Objective	The objective of this project is to integrate an advanced inventory management system into the warehouse management web app. The system will enable employees and admins to manage inventory effectively, with a focus on optimizing storage, tracking stock movements, and ensuring inventory accuracy.
Due date	8 Apr 2024
Key outcomes	Key Outcomes: <ol style="list-style-type: none">Streamlined inventory management functionalities for users, external vendors, and admins.Implementation of real-time inventory tracking and stock movement monitoring.Enhanced user experience through intuitive inventory management workflows. Success Metrics: <ol style="list-style-type: none">Increase in inventory accuracy by 20%.Reduction in stock discrepancies and errors by 15%.Positive feedback from users regarding the ease of inventory management processes.Improved warehouse efficiency with optimized storage and stock movement tracking.
Status	IN PROGRESS

🧐 Problem Statement

The current warehouse management system lacks robust inventory management capabilities, leading to inefficiencies in inventory tracking, stock replenishment, and order fulfillment. Users, external vendors, and admins face challenges in managing inventory levels, identifying stock movements, and ensuring accuracy, resulting in delays and errors in warehouse operations.

🎯 Scope

Must have:	<ul style="list-style-type: none">Inventory management functionalities for users, external vendors, and admins, including inventory tracking, stock movement monitoring, and inventory adjustments.Implementation of real-time inventory tracking feature to enable users to track stock levels and movements accurately.
Nice to have:	<ul style="list-style-type: none">Integration with order management systems for seamless order fulfillment and inventory replenishment.Reporting and analytics features to analyze inventory levels, stock movements, and trends.Integration with barcode scanning technology for efficient inventory tracking and stock replenishment.
Not in scope:	<ul style="list-style-type: none">Overhaul of the entire warehouse management system.Implementation of unrelated features not directly related to inventory management.Hardware upgrades or infrastructure changes.

 [COS5019-B_2023-4_Team3](#)

Client must be authenticated to access this resource.

► Milestones and deadlines

Milestone	Owner	Deadline	Status
Define project objectives, gather requirements, and finalize project plan	@Jacob Farrow	20 Feb 2024	DONE
Develop and implement inventory management functionalities and real-time tracking feature	@m.adan	8 Apr 2024	IN PROGRESS
Conduct thorough testing to ensure functionality, usability, and performance	@m.adan	8 Apr 2024	TODO
Deploy the integrated inventory management system to production servers and provide user training and documentation	@m.adan	8 Apr 2024	TODO
Monitor system performance, address any issues, and provide ongoing support and maintenance as needed			ONGOING

🔗 Reference materials