

Alert Notification System

Driver	@Isha Singh
Approver	@Jacob Farrow
Contributors	@Jacob Farrow @Isha Singh
Objective	The objective of this project is to implement an alert notification system within the warehouse management web app to notify users, external vendors, and admins about low stock levels and approaching expiration dates of products or raw materials. By doing so, we aim to improve inventory management efficiency and minimize the risk of stockouts or expired products
Due date	22 Apr 2024
Key outcomes	Key Outcomes: <ol style="list-style-type: none">Seamless notification delivery to users, external vendors, and admins for products low in stock or about to expire.Enhanced user experience with proactive alerts, leading to timely actions and better inventory management practices.Improved inventory accuracy and reduced losses due to stockouts or expired products. Success Metrics: <ol style="list-style-type: none">Increase in user satisfaction ratings regarding the effectiveness and timeliness of notifications by 20%.Reduction in instances of stockouts by 15% due to proactive alerts on low stock levels.Decrease in product wastage by 10% as a result of timely notifications on approaching expiration dates.
Status	IN PROGRESS

🤔 Problem Statement

The current warehouse management system lacks an alert notification mechanism, resulting in inefficiencies in inventory management. Users and admins face challenges in identifying low stock levels or products about to expire, leading to potential stockouts or wastage

🎯 Scope

Must have:	<ol style="list-style-type: none">Implementation of a notification system to alert users, external vendors, and admins about products low in stock.Implementation of a notification system to alert users, external vendors, and admins about products about to expire.
Nice to have:	<ol style="list-style-type: none">Customizable notification preferences for users and admins to tailor alerts based on their preferences.Integration with inventory tracking systems for real-time updates on stock levels and expiration dates.Mobile push notifications for users to receive alerts even when they are not actively using the web app.
Not in scope:	<ol style="list-style-type: none">Overhaul of the entire warehouse management system.Implementation of unrelated features not directly related to alert notification.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 Mar 2024	DONE
Implement backend logic for monitoring stock levels and expiration dates, and develop UI components for notification settings	@Isha Singh	22 Apr 2024	IN PROGRESS
Conduct thorough testing to ensure seamless notification delivery and user experience.	@Isha Singh	22 Apr 2024	TODO
Deploy the alert notification system to production servers and provide user training and documentation	@Isha Singh	22 Apr 2024	TODO
Monitor system performance, address any issues, and provide ongoing support and maintenance as needed			ONGOING

🔗 Reference materials