# User Management System

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Objective	The objective of this project is to integrate a robust user management system into the warehouse management web app. By doing so, we aim to streamline user account management, enhance password security, and provide admins with the necessary tools to manage user permissions effectively.
Due date	22 Apr 2024
Key outcomes	1. Seamless user account creation, removal, and permission escalation functionality for admins. 2. Secure password change feature via email authentication for external vendors and users. 3. Improved user experience through simplified account management processes. 4. Enhanced security measures to protect user data and system integrity.  Success Metrics: 1. Increase in admin efficiency for user management tasks by 30%. 2. Reduction in password-related security incidents by 20%. 3. Positive feedback from users regarding the ease of account management processes. 4. Compliance with industry standards and regulations related to user data protection.
Status	IN PROGRESS

#### Problem Statement

The current warehouse management system lacks robust user management capabilities, leading to inefficiencies in account management and security vulnerabilities. Admins face challenges in managing user accounts and permissions, while external vendors and users lack a secure mechanism for changing passwords.

### Scope

Must have:	<ol> <li>User account management functionality for admins, including creation, removal, and permission escalation.</li> <li>Password change feature via email authentication for external vendors and users.</li> <li>Implementation of secure password storage and authentication mechanisms.</li> </ol>
Nice to have:	Two-factor authentication for enhanced security.     User profile customization options for personalized user experiences.     Integration with Single Sign-On (SSO) solutions for seamless access.
Not in scope:	Overhaul of the entire warehouse management system.     Implementation of unrelated features not directly related to user management.     Hardware upgrades or infrastructure changes.

### **Timeline**

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 user account management, password change, and security mechanisms.	@Amaan Jahangir	22 Apr 2024	TODO
Conduct thorough testing to ensure functionality, usability, and security.	@Amaan Jahangir	22 Apr 2024	торо
Deploy the integrated user management system to production servers and provide user training and documentation	@Amaan Jahangir	22 Apr 2024	торо
Monitor system performance, address any issues, and provide ongoing support and maintenance as needed.			ONGOING