

Warehouse Management System - User Authentication


Driver	@Jacob Farrow
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Contributors	@Jacob Farrow
Objective	The objective of this project is to implement a robust registration and login system within the warehouse management web app. By doing so, we aim to enhance security, streamline user access, and improve overall user experience.
Due date	8 Apr 2024
Key outcomes	<p>Key Outcomes:</p> <ol style="list-style-type: none">Seamless user registration process with validation for data accuracy.Secure login functionality with role-based access control for different user types.Enhanced session management for uninterrupted user sessions across the application. <p>Success Metrics:</p> <ol style="list-style-type: none">Increase in user registration completion rate by 20%.Reduction in login-related security incidents by 30%.Improvement in user satisfaction ratings for the registration and login process by 15%.
Status	IN PROGRESS

🤔 Problem Statement

The current warehouse management system lacks a robust authentication mechanism, leading to security vulnerabilities and user access issues. Users encounter difficulties in registering accounts, and there is a lack of role-based access control, resulting in unauthorized access to sensitive data.

🎯 Scope

Must have:	<ol style="list-style-type: none">User registration functionality with validation for username, email, and password.Secure login mechanism with role-based access control for "User," "External Vendor," and "Admin."Session management to maintain user sessions across the application.
Nice to have:	<ol style="list-style-type: none">Two-factor authentication for enhanced security.Integration with Single Sign-On (SSO) solutions for seamless access.Customizable user profile management features for personalized user experience.
Not in scope:	<ol style="list-style-type: none">Implementation of unrelated features not directly related to registration and login.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 user registration, login, and role-based access control functionalities.	@Jacob Farrow	8 Apr 2024	DONE
Conduct thorough testing to ensure functionality, security, and usability.	@Jacob Farrow	8 Apr 2024	IN PROGRESS
Deploy the registration and login system to production servers and provide user training and documentation.	@Jacob Farrow	8 Apr 2024	TODO
Monitor system performance, address any issues, and provide ongoing support and maintenance as needed.			ONGOING

🔗 Reference materials