

REG NUMBER: 22/U/3155/EVE

Student Number: 2200703155

Name: KALEMA ALLAN

Warehouse Management Prototypes Report

Overview

This report outlines the design process, key features, and visual elements of the low-fidelity (lo-fi) and high-fidelity (hi-fi) prototypes created for the warehouse management website. The prototypes represent a system aimed at enhancing inventory control, order processing, and stock tracking, with designated interfaces for different roles: owner, manager, and shop staff. Each interface is tailored to specific needs, such as product updates, order management, and account settings.

Github repo: <https://github.com/allankalema/Figma-project-Prototypes.git>

Hifi: <https://www.figma.com/design/BnTIZIR44WrDfzm2nITcCX/Warehouse-Hifi?node-id=0-1&t=NzO1xlrIG0GPQx8z-1>

Lowfi: <https://www.figma.com/design/tpt22h9J3oKj0rp3Q4h9u1/WarehouseManagement-Lofi?node-id=0-1&t=0olj3ni6NdWuuzqN-1>

Preview lowfi: <https://www.figma.com/proto/tpt22h9J3oKj0rp3Q4h9u1/WarehouseManagement-Lofi?node-id=5-203&node-type=canvas&t=k6fLmA4jONDcdcwT-1&scaling=min-zoom&content-scaling=fixed&page-id=0%3A1>

Preview hifi: <https://www.figma.com/proto/BnTIZIR44WrDfzm2nITcCX/Warehouse-Hifi?node-id=78-454&node-type=canvas&t=D1D37y98Xkr50nvA-1&scaling=min-zoom&content-scaling=fixed&page-id=0%3A1>

Design Process

The design journey began with the lo-fi prototype, where the foundational layout and structure of the pages were mapped. The goal was to establish a clear and logical flow of information and navigation paths without focusing on visual styling. This allowed for early-stage testing of functionality and content organization. Once the structure was confirmed, the hi-fi prototype added color, typography, and branding elements, bringing the design closer to the intended final appearance.

Signature Colors and Branding

The color palette for the prototypes reflects a professional and trustworthy aesthetic, with a combination of muted and vibrant tones. Key action buttons, such as "Add to Cart," "Update," and "Delete," are accentuated with a distinct color, enhancing visibility and guiding users' actions. The consistent use of branding elements across different pages strengthens brand recognition and provides a cohesive user experience.

Key Features

1. **User Authentication:** Users can sign up, log in, and verify their email, with an intuitive form for each process.

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2. **Role-Based Dashboards:** The dashboards for owners, managers, and shop staff are designed to fit each role's unique requirements, from stock tracking for managers to order management for shop staff.
3. **Inventory Management:** Features like "Add Product," "Update Product," and "Create Product" provide an organized approach for managers to maintain product records.
4. **Order Processing and Tracking:** The order system allows easy monitoring of orders, with statuses like "Pending," "Accept," and "Reject," simplifying decision-making and communication.
5. **Notification System:** The design includes a notification section where users receive updates on relevant actions, ensuring they stay informed of critical events in real time.

Assessment of Prototypes

The lo-fi prototype effectively communicates the layout and organization, which serves as a solid foundation for more detailed styling and interactivity in the hi-fi version. The hi-fi prototype successfully enhances the initial design with added visual appeal and improved usability. The clear hierarchy and role-specific navigation make both prototypes user-friendly, and the transition between screens is intuitive.

Conclusion

The prototypes capture the essential functionality and visual style of the warehouse management system. They offer a structured, efficient, and user-friendly solution for inventory and order management. The hi-fi prototype, in particular, gives a realistic view of how the final website will appear and function, positioning it well for further development and user testing.