**Project Status Report**

**Project Title: Assignment 1**

**Date: February 15th 2025**

**Completed Requirements**

1. **Inventory Management:**
   * **Implemented a comprehensive system for managing products and categories:**
     + Page to List All Products with Filters: Users can view a list of all products with options to filter by name, category, price range, and low stock.
     + Form for Adding New Products: Users can add new products with detailed information including name, category, price, quantity, and low stock threshold.
     + Update/Delete Existing Products: Users can update or delete existing products as needed.
     + Summary Page: A summary page provides an overview of all products and their statuses.
     + Users Adding/Updating/Deleting Products: Verified functionality for adding, updating, and deleting products.
2. **Search and Filter:**
   * **Enabled users to search and filter products with real-time results:**
     + Search by Name: Users can search products by name.
     + Category Filter: Users can filter products by category.
     + Price Range Filter: Users can filter products by price range.
     + Low-Stock Filter: Users can filter products by low stock.
     + Sort by Price, Quantity, and Name: Users can sort products by price, quantity, and name.
     + Real-time Results: As users type, the search results update in real-time.
     + User-Refined Filter Results: Users can refine filter results for a better search experience.
     + Simple Sorting Options: Sorting options are designed to enhance the user experience.
3. **Guest Order Tracking:**
   * **Allow guests to track and place simple orders:**
     + Select Products with Quantities: Guests can select products and specify quantities.
     + Confirmation Page with Order Summary: After placing an order, guests are directed to a confirmation page displaying the order summary.
     + List of Selected Products: The order summary lists all selected products.
     + Total Price: The total price of the order is displayed.
     + Save Orders (No User Registration Required): Orders can be saved without requiring user registration.
4. **Application UX and Design:**
   * Developed a user-friendly interface with clear navigation:
     + Homepage: The homepage includes sections for inventory management, search, and orders.
     + Responsive Design: The application is designed to be responsive and accessible on various devices.
     + NavBar Linking Inventory and Tracking: The navigation bar links to inventory and tracking pages.
     + Team Info in the Footer: Team information is displayed in the footer for transparency and contact.