

Inventory Management System

A complete inventory management application built with VB.NET and DevExpress WinForms components.

Features

- **Dashboard** - Real-time metrics with interactive tiles and charts
- **User Authentication** - Role-based login with SHA256 password hashing
- **Catalog Management** - Items, Categories, Suppliers, Units of Measure
- **Order Processing** - Create, edit, and track customer orders with line items
- **Purchase Management** - Purchase orders with supplier integration
- **Inventory Control** - Stock levels, physical counts, stock history audit trail
- **Reports** - Inventory valuation, order reports, reorder alerts
- **Administration** - User management, payment terms, system settings

Dashboard

The Dashboard provides an at-a-glance overview of key business metrics using DevExpress TileControl and ChartControl.

Live Metric Tiles

| Tile | Description | Click Action |
|------------------------|--|------------------------|
| Inventory Value | Total stock value across all items | Opens Inventory Report |
| Items | Count of active items in catalog | - |
| Low Stock | Items below reorder level (red when > 0) | Opens Reorder Report |
| Pending Orders | Orders in Draft/Submitted status | Opens Order List |
| Pending PO | Purchase orders awaiting receipt | Opens Purchase List |
| Today's Sales | Total value of orders delivered today | - |

Stock Value by Category Chart

A pie chart showing inventory value distribution across product categories with: - Interactive segments (click to explode) - Percentage labels - Category legend

Quick Actions

Shortcut buttons for common tasks: - New Order - New Purchase Order - Inventory Count - Reorder Report

Auto-Refresh

Dashboard metrics automatically refresh every 60 seconds to show current data.

Technology Stack

- **Framework:** .NET 8.0 Windows Forms
- **Language:** VB.NET
- **UI Components:** DevExpress WinForms 24.2
- **Database:** Microsoft SQL Server
- **Architecture:** 3-tier (Presentation, Business Logic, Data Access)

Default Login Credentials

| Username | Password | Role |
|------------|-------------|---------------|
| admin | password123 | Administrator |
| manager | password123 | Manager |
| sales | password123 | Sales |
| warehouse | password123 | Warehouse |
| purchasing | password123 | Purchasing |

Project Structure

InventoryManagement/

| | |
|--------------------------|---------------------------------|
| Database/ | |
| 01_CreateDatabase.sql | # Database schema (13 tables) |
| 02_SampleData.sql | # Sample data for testing |
| Common/ | |
| AppSettings.vb | # Singleton settings manager |
| DatabaseHelper.vb | # ADO.NET database wrapper |
| SessionManager.vb | # User session management |
| Enums.vb | # Enumerations |
| Entities/ | # 14 entity classes |
| User.vb | |
| Item.vb | |
| Category.vb | |
| Supplier.vb | |
| OrderHeader.vb | |
| OrderLine.vb | |
| PurchaseHeader.vb | |
| PurchaseItem.vb | |
| ... | |
| DataAccess/ | # Data Access Objects (DAO) |
| BaseDAO.vb | |
| UserDAO.vb | |
| ItemDAO.vb | |
| OrderDAO.vb | |
| ... | |
| BusinessLogic/ | # Business layer managers |
| AuthenticationManager.vb | |
| InventoryManager.vb | |
| OrderManager.vb | |
| PurchaseManager.vb | |
| Forms/ | # UI Forms |
| LoginForm.vb | |
| MainForm.vb | # Ribbon-based main form |
| Admin/ | # User, Settings, Payment Terms |
| Catalog/ | # Items, Categories, Suppliers |
| Orders/ | # Order list and edit forms |
| Purchases/ | # Purchase order forms |
| InventoryControl/ | # Stock levels, counts, history |
| Reports/ | # Reporting forms |

Database Setup

1. Open SQL Server Management Studio (SSMS)
2. Connect to your SQL Server instance
3. Execute Database/01_CreateDatabase.sql to create the database and tables
4. Execute Database/02_SampleData.sql to insert sample data

Configuration

Update the connection string in Common/AppSettings.vb (line 13) to match your SQL Server:

' Default (SQL Express):

```
Private Const DEFAULT_CONNECTION_STRING As String = "Server=.\SQLEXPRESS;Database=InventoryManagement;Trusted_Connection=True;TrustServerCertificate=True;"
```

' Local default instance:

```
Private Const DEFAULT_CONNECTION_STRING As String = "Server=.;Database=InventoryManagement;Trusted_Connection=True;TrustServerCertificate=True;"
```

' Named instance:

```
Private Const DEFAULT_CONNECTION_STRING As String = "Server=.\YourInstanceName;Database=InventoryManagement;Trusted_Connection=True;TrustServerCertificate=True;"
```

Build and Run

Prerequisites

- .NET 8.0 SDK
- DevExpress WinForms 24.2 license
- SQL Server (Express or higher)

Command Line

```
cd InventoryManagement
dotnet build
dotnet run
```

Visual Studio

1. Open InventoryManagement.sln
2. Ensure DevExpress license is installed
3. Press F5 to build and run

Key Business Logic

Stock Validation

- **In_Stock_Check:** Validates stock availability before order processing
- **Negative_Stock_Allowed:** Controls whether stock can go negative

Moving Average Cost

When receiving purchase orders, item costs are recalculated using weighted moving average:

$$\text{New Cost} = ((\text{Current Qty} \times \text{Current Cost}) + (\text{Received Qty} \times \text{Purchase Cost})) / (\text{Current Qty} + \text{Received Qty})$$

Audit Trail

All stock movements are logged to the STOCK_HISTORY table including: - Purchase receipts - Sales/order deliveries - Inventory adjustments - Physical count variances

User Roles and Permissions

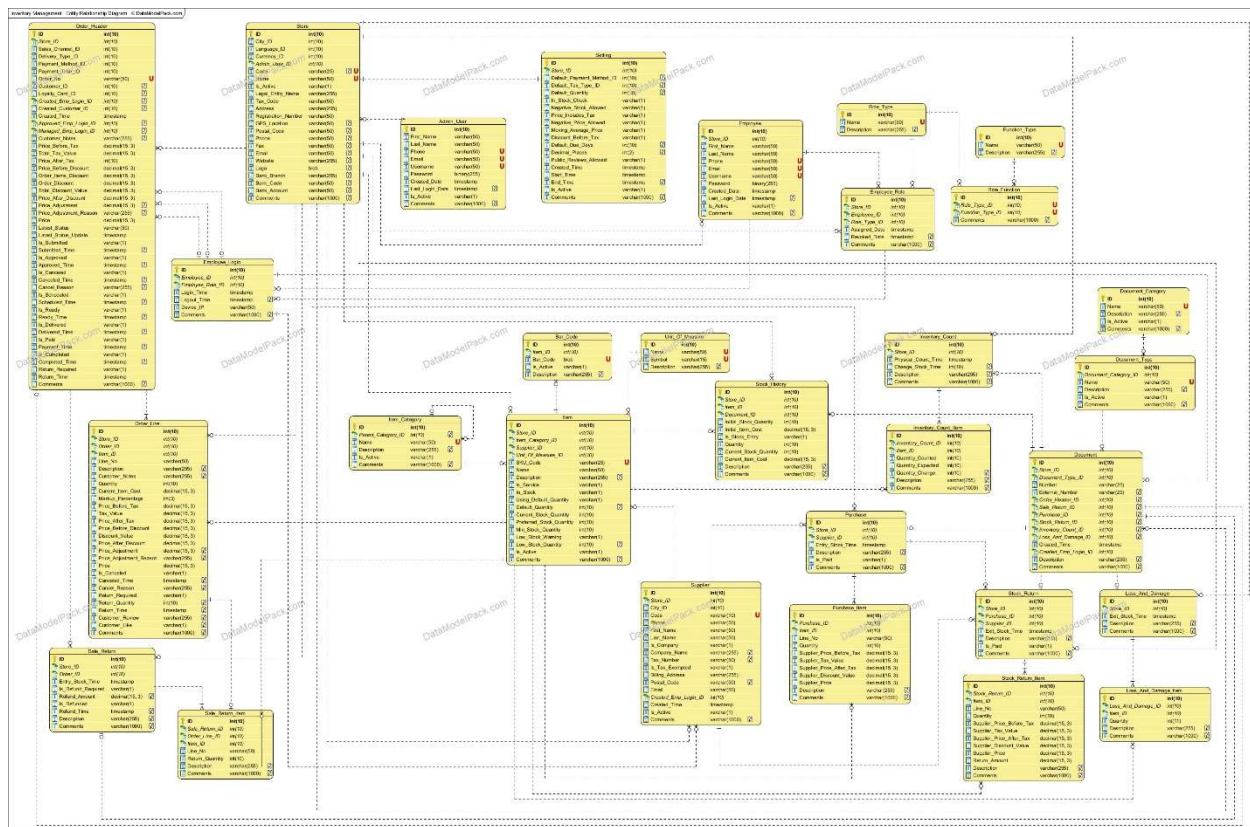
| Role | Access |
|---------------|-----------------------------------|
| Administrator | Full access to all modules |
| Manager | All except user administration |
| Sales | Orders, Catalog (view), Reports |
| Warehouse | Inventory Control, Catalog (view) |
| Purchasing | Purchases, Suppliers, Catalog |

Database Schema

The system uses 13 main tables: - USER - System users - STORE_SETTINGS - Application configuration - LOV - List of values (lookups) - CATEGORY - Product categories (hierarchical) - UNIT_OF_MEASURE - Units for items - SUPPLIER - Vendor information - PAYMENT_TERM - Payment terms - ITEM - Product catalog - ORDER_HEADER / ORDER_LINE - Customer orders - PURCHASE_HEADER / PURCHASE_ITEM - Purchase orders - STOCK_HISTORY - Stock movement audit - INVENTORY_COUNT - Physical count records

License

- This project requires a valid DevExpress WinForms license.
 - <https://www.devexpress.com/products/net/controls/winforms/>
- This project requires a valid DataModelPack license.
 - <https://datamodelpack.com/data-models/inventory-data-model.html>



CLAUDE.AI Prompt

I want to build a complete inventory management application. It needs to be a complete solution that follows the class and database schema diagrams as outlined in the attached mermaid files and coded using VB.Net and DevExpress winforms components if needed. I have also attached a readme.md file as an outline. This solution should start with a simple user login and include a way for an administrator to handle users. Add CRUD vb.net forms to interact with this data that are called from a main system form with menu that includes report options. Include MSSQL database scripts to create the database tables. Also scripts to add limited sample data for initial database testing.

```
InventoryManagement -> C:\Users\sides\Documents\GitHub\WarMac57\InventoryManagement\InventoryManagement\bin\De
... +7 lines (ctrl+o to expand)

PurchaseEditForm has been updated with proper Designer support. Build succeeded with 0 errors and 0 warnings.

> there are dropdown listboxes or comboboxes that have excessive columns making them hard to read. Like Supplier: in
the EditPurchaseOrder form. Either limit the number of columns, size the columns to the header, or add a vertical
scroll to them.

I'll fix the LookUpEdit controls to show only relevant columns. Let me find all forms using LookUpEdit and configure their columns properly.
```

```
Dashboard Load Error
... +7 lines (ctrl+o to expand)

All LookUpEdit controls have been fixed. Build succeeded with 0 errors.

Changes made:

| Form                | Lookup Control      | Columns Shown                                     |
|-----|-----|-----|
| PurchaseEditForm    | cboSupplier         | Supplier Name (200px)                           |
| PurchaseEditForm    | itemLookup (grid)   | Code (80px), Name (200px)                       |
| OrderEditForm       | cboPaymentTerm      | Code (60px), Description (150px)                |
| OrderEditForm       | itemLookup (grid)   | Code (80px), Name (200px)                       |
| ItemEditForm        | cboCategory         | Category (180px)                                 |
| ItemEditForm        | cboUoM              | Code (60px), Name (120px)                       |
| CategoryEditForm    | cboParent           | Category (180px)                                 |
| InventoryCountForm  | cboItem             | Code (80px), Name (200px)                       |

Each lookup now has explicit column definitions with appropriate widths and a constrained PopupWidth so they no longer show all database columns.

> I put the following DMP-inventory-entity.jpg file in the solutions folder, can you add it to a scrollable
picturebox on the main form so that it is displayed at startup with a checkbox to hide it if necessary.
```

```
Dashboard Load Error
> what would you suggest for the Dashboard option

Here are some suggestions for a Dashboard that would provide valuable at-a-glance insights for an Inventory Management System:

Dashboard Components

1. Key Metrics Tiles
- Total Inventory Value
- Total Items in Stock
- Items Below Reorder Level (with alert color)
- Pending Orders Count
- Pending Purchase Orders

2. Alerts/Action Items Panel
- Low stock items needing reorder
- Orders awaiting approval
- Purchase orders ready to receive
- Recent inventory variances

3. Charts (using DevExpress ChartControl)
- Stock value by category (pie/donut chart)
- Sales trend (last 7/30 days line chart)
- Top 10 items by quantity sold (bar chart)

4. Quick Action Buttons
- New Order
- New Purchase Order
- Inventory Count
- View Reorder Report

5. Recent Activity List
- Last 5-10 orders/purchases/stock movements

Implementation Options

| Approach          | Complexity | Visual Appeal |
|-----|-----|-----|
| DevExpress TileControl | Medium    | High - Modern tile-based UI |
| Panel-based layout  | Low       | Medium - Simple cards |
| DevExpress Dashboard | High      | Very High - Full BI dashboard |

Would you like me to implement a dashboard? If so, which approach would you prefer:

1. Simple - Panel-based with metric cards and a grid of alerts
2. Modern - TileControl with live tiles and one chart
3. Full Featured - Multiple charts, tiles, and activity feed

> lets do the Modern dashboard

I'll create a modern dashboard with TileControl and a chart. Let me build this out:

Write(InventoryManagement\Forms\DashboardForm.Designer.vb)
Wrote 1 lines to InventoryManagement\Forms\DashboardForm.Designer.vb
Imports DevExpress.AtrixEditors
```


Dashboard Load Error

InventoryManagement -> C:\Users\sides\Documents\GitHub\WarMac57\InventoryManagment\InventoryManagement\bin\De
... +7 lines (ctrl+o to expand)

The Modern Dashboard has been implemented successfully. Build succeeded with 0 errors.

Dashboard Features

Tile Control with Live Metrics:

| Tile | Color | Data |
|-----------------|-----------|---|
| Inventory Value | Blue | Total stock value (wide tile) |
| Items | Green | Active item count |
| Low Stock | Red/Green | Items below reorder level (changes color) |
| Pending Orders | Purple | Draft/Submitted orders |
| Pending PO | Orange | Draft/Approved purchases |
| Today's Sales | Green | Delivered orders today (wide tile) |

Pie Chart:

- Shows "Stock Value by Category"
- Interactive with runtime exploding
- Legend on the right side

Quick Action Buttons:

- New Order
- New Purchase Order
- Inventory Count
- Reorder Report

Interactive Tiles:

- Click Inventory Value → Opens Inventory Report
- Click Low Stock → Opens Reorder Report
- Click Pending Orders → Opens Order List
- Click Pending Purchases → Opens Purchase List

Auto-Refresh:

- Dashboard refreshes every 60 seconds automatically

Files Created:

- Forms\DashboardForm.Designer.vb
- Forms\DashboardForm.vb
- DataAccess\DashboardDAO.vb

Package Added:

- DevExpress.Win.Charts for the pie chart

> Could you add a Dashboard summary to the Readme.md document

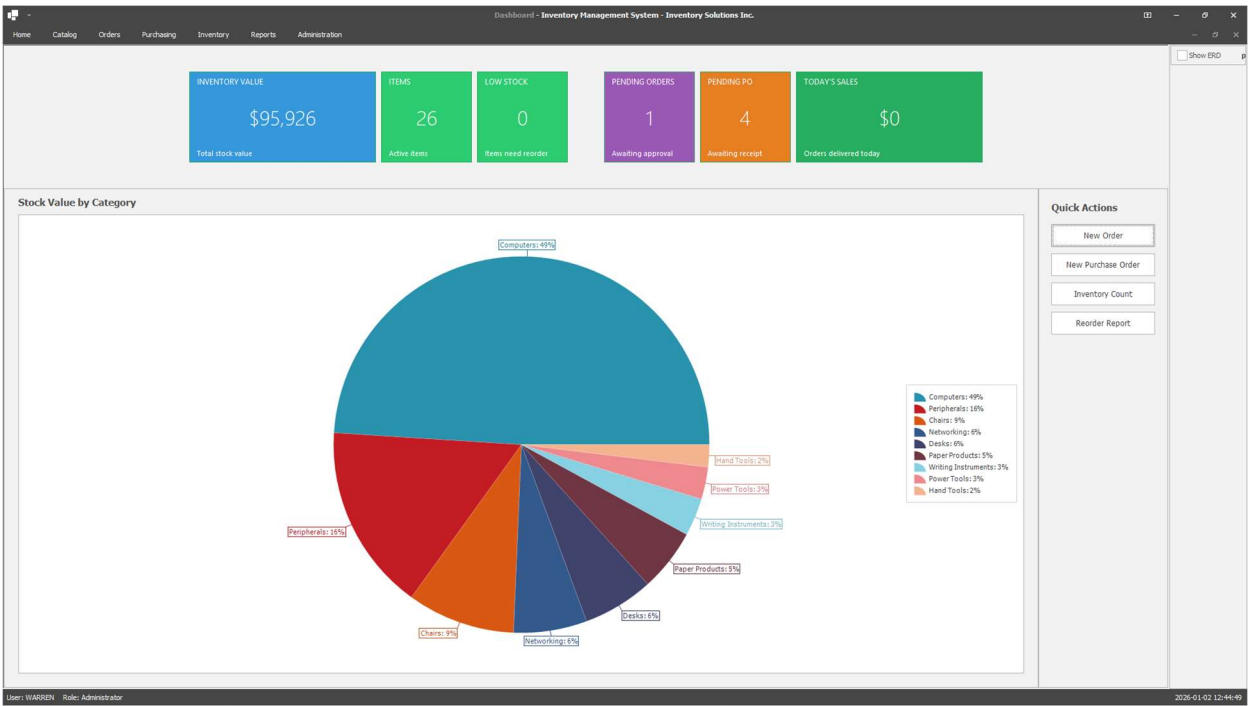
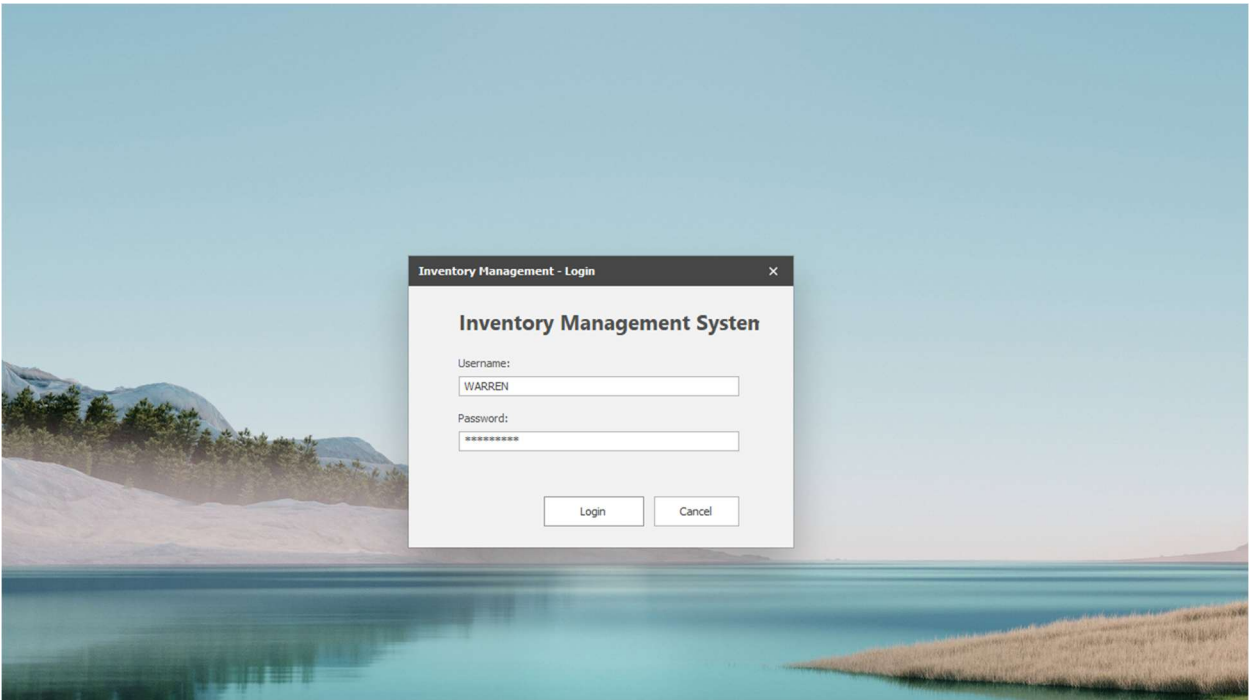
Search(pattern: "**/README.md")

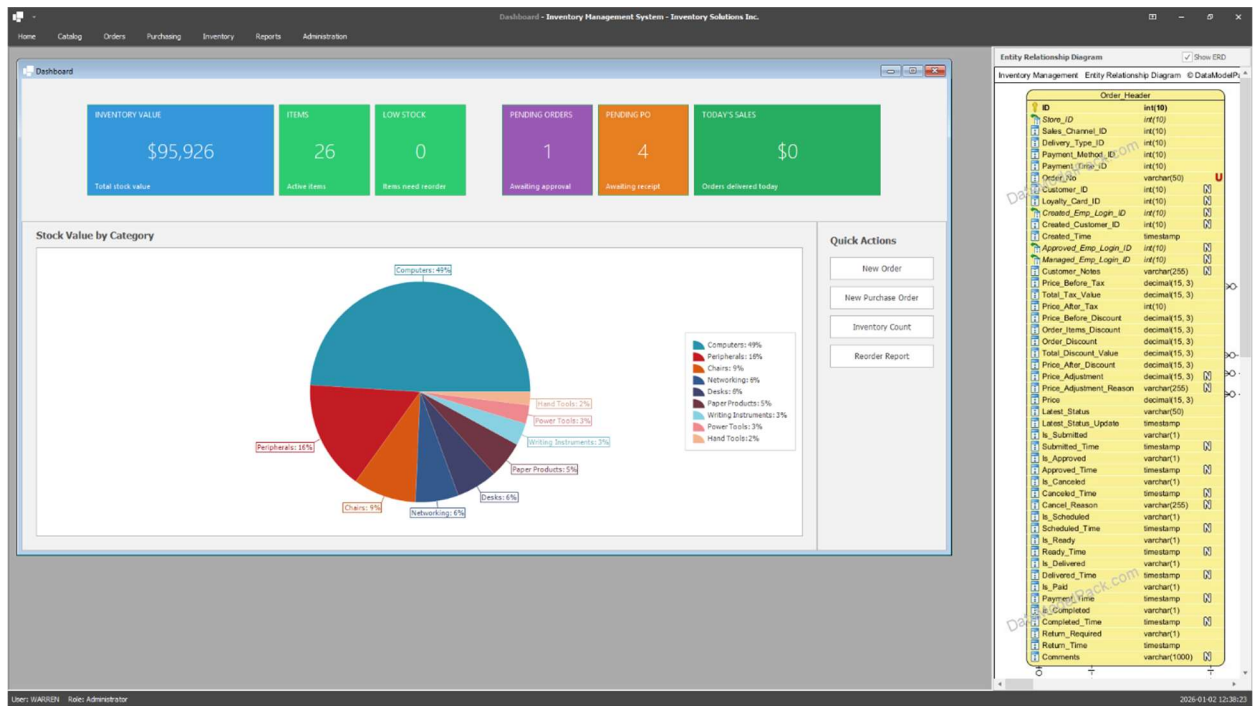
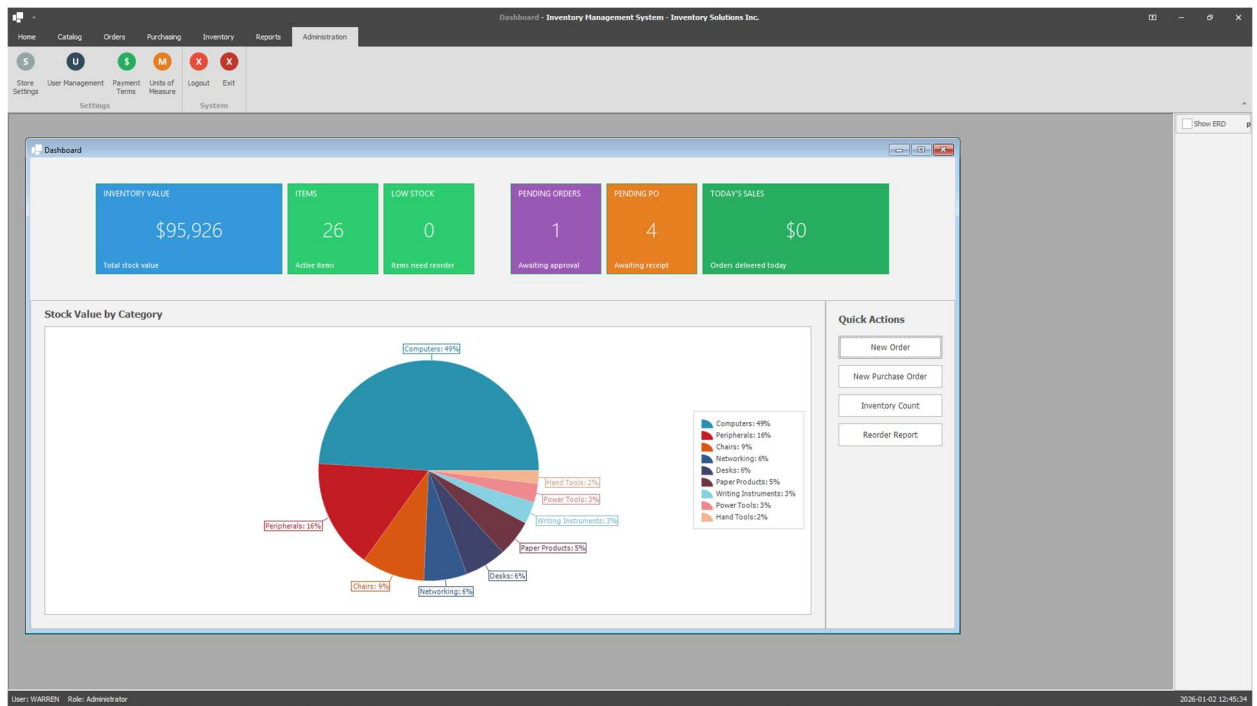

```

16 +## Dashboard
17 +
18 +The Dashboard provides an at-a-glance overview of key business metrics using DevExpress TileControl and
  + ChartControl.
19 +
20 +### Live Metric Tiles
21 +
22 +| Tile | Description | Click Action |
23 +|-----|-----|-----|
24 +| **Inventory Value** | Total stock value across all items | Opens Inventory Report |
25 +| **Items** | Count of active items in catalog | - |
26 +| **Low Stock** | Items below reorder level (red when > 0) | Opens Reorder Report |
27 +| **Pending Orders** | Orders in Draft/Submitted status | Opens Order List |
28 +| **Pending PO** | Purchase orders awaiting receipt | Opens Purchase List |
29 +| **Today's Sales** | Total value of orders delivered today | - |
30 +
31 +### Stock Value by Category Chart
32 +
33 +A pie chart showing inventory value distribution across product categories with:
34 +- Interactive segments (click to explode)
35 +- Percentage labels
36 +- Category legend
37 +
38 +### Quick Actions
39 +
40 +Shortcut buttons for common tasks:
41 +- New Order
42 +- New Purchase Order
43 +- Inventory Count
44 +- Reorder Report
45 +
46 +### Auto-Refresh
47 +
48 +Dashboard metrics automatically refresh every 60 seconds to show current data.
49 +
50 +## Technology Stack

```

Done! I've added a comprehensive Dashboard section to the README.md that includes:





Item Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Dashboard

Item Management

Add New Edit Delete Refresh

| Item Code | Item Name | Stock Qty | Unit Cost | Reorder Level | Active |
|-----------|-----------------------------|-----------|-----------|---------------|-------------------------------------|
| CHR-001 | Office Chair - Standard | 20.00 | \$149.99 | 5.0000 | <input checked="" type="checkbox"/> |
| CHR-002 | Executive Chair | 10.00 | \$349.99 | 3.0000 | <input checked="" type="checkbox"/> |
| CHR-003 | Guest Chair | 30.00 | \$79.99 | 30.0000 | <input checked="" type="checkbox"/> |
| COMP-001 | Desktop Computer - Standard | 25.00 | | | <input checked="" type="checkbox"/> |
| COMP-002 | Desktop Computer - Premium | 15.00 | | | <input checked="" type="checkbox"/> |
| COMP-003 | Laptop - Business | 20.00 | | | <input checked="" type="checkbox"/> |
| DSK-001 | Office Desk - Standard | 9.00 | | | <input checked="" type="checkbox"/> |
| DSK-002 | Standing Desk | 8.00 | | | <input checked="" type="checkbox"/> |
| HND-001 | Hammer - 16oz | 30.00 | | | <input checked="" type="checkbox"/> |
| HND-002 | Screwdriver Set | 25.00 | | | <input checked="" type="checkbox"/> |
| HND-003 | Tap Measure - 25ft | 40.00 | | | <input checked="" type="checkbox"/> |
| NET-001 | Network Cable Cat5 - 50ft | 200.00 | | | <input checked="" type="checkbox"/> |
| NET-002 | Wireless Router | 25.00 | | | <input checked="" type="checkbox"/> |
| NET-003 | Network Switch 8-Port | 20.00 | | | <input checked="" type="checkbox"/> |
| PAP-001 | Copy Paper - Ream | 500.00 | | | <input checked="" type="checkbox"/> |
| PAP-002 | Legal Pads - Pack | 300.00 | | | <input checked="" type="checkbox"/> |
| PRD-001 | Sticky Notes - Pack | 150.00 | | | <input checked="" type="checkbox"/> |
| PRD-002 | Ballpoint Pens - Box | 200.00 | | | <input checked="" type="checkbox"/> |
| PRD-003 | Permanent Markers - Pack | 100.00 | | | <input checked="" type="checkbox"/> |
| PRD-004 | Highlighters - Pack | 120.00 | | | <input checked="" type="checkbox"/> |
| PERI-001 | Wireless Mouse | 300.00 | | | <input checked="" type="checkbox"/> |
| PERI-002 | Mechanical Keyboard | 50.00 | | | <input checked="" type="checkbox"/> |
| PERI-003 | 24" Monitor | 30.00 | | | <input checked="" type="checkbox"/> |

Item Code: 010.00

Item Name: Office Chair - Standard

Description: Ergonomic mesh back chair

Category: Chairs

Unit of Measure: Each

Current Cost: \$149.99

Stock Quantity: 20.0000

Reorder Level: 5.0000

Min Stock Level: 3.0000

Max Stock Level: 40.0000

☒ Track Inventory

☒ Active

Save Cancel

Quick Actions

New Order

New Purchase Order

Inventory Count

Reorder Report

Today's Sales: \$0

Orders delivered today

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelPro

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Term_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | decimal(15, 3) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Required | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

User: WARREN Role: Administrator 2026-01-02 12:30:38

Category Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Dashboard

Category Management

Add New Edit Delete Refresh

| Category Name | Description | Active |
|---------------------|--------------------------------------|-------------------------------------|
| Chairs | Office and guest chairs | <input checked="" type="checkbox"/> |
| Computers | Desktop and laptop computers | <input checked="" type="checkbox"/> |
| Desks | Office desks and workstations | <input checked="" type="checkbox"/> |
| Electronics | Electronic devices and components | <input checked="" type="checkbox"/> |
| Furniture | Office and home furniture | <input checked="" type="checkbox"/> |
| Hand Tools | Manual tools and equipment | <input checked="" type="checkbox"/> |
| Hardware | Tools and hardware items | <input checked="" type="checkbox"/> |
| Networking | Network equipment and cables | <input checked="" type="checkbox"/> |
| Office Supplies | Office and stationery supplies | <input checked="" type="checkbox"/> |
| Paper Products | Paper and printing supplies | <input checked="" type="checkbox"/> |
| Peripherals | Computer peripherals and accessories | <input checked="" type="checkbox"/> |
| Power Tools | Electric and battery powered tools | <input checked="" type="checkbox"/> |
| TEST | | <input checked="" type="checkbox"/> |
| Writing Instruments | Pens, pencils, markers | <input checked="" type="checkbox"/> |

Category Name: Chair

Parent Category: Furniture

Description: Office and guest chairs

☒ Active

Save Cancel

Quick Actions

New Order

New Purchase Order

Inventory Count

Reorder Report

Today's Sales: \$0

Orders delivered today

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelPro

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Term_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | decimal(15, 3) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Required | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

User: WARREN Role: Administrator 2026-01-02 12:30:40

Supplier Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Dashboard

INVENTORY VALUE ITEMS LOW STOCK PENDING ORDERS PENDING PO TODAY'S SALES

Stock Value by

Supplier Management

| Code | Supplier Name | Contact | Phone | Email | Active |
|--------|---------------------------|--------------|----------|-------|--------|
| SUP005 | Electronic Components Co. | Mike Wilson | 555-0105 | | |
| SUP004 | Furniture World Ltd. | Susan Davis | 555-0105 | | |
| SUP003 | Global Hardware Supply | Robert Brown | 555-0105 | | |
| SUP002 | Office Plus Wholesale | Mary Johnson | 555-0105 | | |
| SUP001 | Tech Distributors Inc. | John Smith | 555-0105 | | |

Supplier Code: SUP005

Supplier Name: Electronic Components Co.

Contact Person: Mike Wilson

Email: mike@eleccomp.com Phone: 555-0105

Address: 654 Grou Lane

City: Austin State: TX

Zip Code: 78701 Country: USA

☒ Active

Save Cancel

Quick Actions

- New Order
- New Purchase Order
- Inventory Count
- Reorder Report

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Term_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | decimal(15, 3) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Canceled_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Required | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

User: WARREN Role: Administrator 2026-01-02 12:39:00

Order Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Order Management

New Order View/Edit Cancel Refresh

| Order # | Order Date | Customer | Status | Total | Approved |
|---------------|------------|--------------------|------------|------------|-------------------------------------|
| ORD-2026-0002 | 2026-01-02 | JOHN DOE | Delivered | \$0.00 | <input checked="" type="checkbox"/> |
| ORD-2026-0001 | 2026-01-02 | JOHN DOE | Canceled | \$0.00 | <input checked="" type="checkbox"/> |
| ORD-2024-0003 | 2026-01-01 | Starfax Inc. | Draft | \$974.22 | <input type="checkbox"/> |
| ORD-2024-0002 | 2025-12-27 | Tech Solutions LLC | Processing | \$2,760.30 | <input type="checkbox"/> |
| ORD-2024-0001 | 2025-12-22 | Acme Corporation | Delivered | \$1,407.30 | <input type="checkbox"/> |

Edit Order

Order Number: ORD-2026-0001 Order Date: 2026-01-02

Customer Name: JOHN DOE Contact: JOHN

Payment Term: Cash on Delivery

Notes:

| # | Item | Quantity | Unit Price | Discount % | Line Total |
|---|----------------------|----------|------------|------------|------------|
| 1 | Executive Chair | 1.0000 | \$0.00 | 0.00 | \$0.00 |
| | [Edit Value is null] | | | | |

Subtotal: \$0.00

Tax: \$0.00

Total: \$0.00

Add Line Remove

Save Submit Approve Deliver Cancel Order Close

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Term_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | decimal(15, 3) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Canceled_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Required | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

User: WARREN Role: Administrator 2026-01-02 12:40:13

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelPro

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Reason | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelPro

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Reason | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelPro

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Reason | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

Inventory Valuation Report - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Inventory Report Order Report Reorder Report

Inventory Valuation Report

Refresh Export to Excel

Total Inventory Value: \$95,926.08

| Item Code | Item Name | Stock Qty | Unit Cost | Total Value | Reorder Level | Reorder |
|-----------|-----------------------------|-----------|-----------|-------------|---------------|---------|
| CHR-001 | Office Chair - Standard | 20.00 | \$149.99 | \$2,999.80 | 5.0000 | |
| CHR-002 | Executive Chair | 10.00 | \$249.99 | \$2,499.90 | 3.0000 | |
| CHR-003 | Guest Chair | 30.00 | \$79.99 | \$2,399.70 | 10.0000 | |
| COMP-001 | Desktop Computer - Standard | 25.00 | \$599.99 | \$14,999.75 | 10.0000 | |
| COMP-002 | Desktop Computer - Premium | 15.00 | \$999.99 | \$14,999.85 | 5.0000 | |
| COMP-003 | Laptop - Business | 20.00 | \$849.99 | \$16,999.80 | 8.0000 | |
| DSK-001 | Office Desk - Standard | 9.00 | \$249.99 | \$2,249.91 | 3.0000 | |
| DSK-002 | Standing Desk | 8.00 | \$449.99 | \$3,599.92 | 3.0000 | |
| HED-001 | Headset - 360° | 30.00 | \$19.99 | \$599.70 | 10.0000 | |
| HED-002 | Screenbar Set | 25.00 | \$24.99 | \$624.75 | 8.0000 | |
| HED-003 | Tape Measure - 25ft | 40.00 | \$14.99 | \$599.60 | 10.0000 | |
| NET-001 | Network Cable Cat6 - 10ft | 200.00 | \$8.99 | \$1,798.00 | 50.0000 | |
| NET-002 | Wireless Router | 25.00 | \$129.99 | \$3,249.75 | 10.0000 | |
| NET-003 | Network Switch 8-Port | 20.00 | \$49.99 | \$999.80 | 8.0000 | |
| PAP-001 | Copy Paper - Ream | 500.00 | \$4.99 | \$2,495.00 | 100.0000 | |
| PAP-002 | Legal Pads - Pack | 100.00 | \$12.99 | \$1,299.00 | 25.0000 | |
| PAP-003 | Sticky Notes - Pack | 150.00 | \$8.99 | \$1,348.50 | 40.0000 | |
| PEN-001 | Ballpoint Pen - Box | 200.00 | \$6.99 | \$1,398.00 | 50.0000 | |
| PEN-002 | Permanent Markers - Pack | 100.00 | \$9.99 | \$999.00 | 25.0000 | |
| PEN-003 | Highlighters - Pack | 120.00 | \$5.99 | \$718.80 | 30.0000 | |
| PERI-001 | Wireless Mouse | 100.00 | \$29.99 | \$2,999.00 | 25.0000 | |
| PERI-002 | Mechanical Keyboard | 50.00 | \$79.99 | \$3,999.50 | 15.0000 | |
| Total | | 1,692.00 | | \$95,926.08 | | |

User: WARREN Role: Administrator 2026-01-02 12:42:00

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Subs_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | Timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | VarChar(255) |
| Price_Before_Tax | Decimal(15, 3) |
| Total_Tax_Value | Decimal(15, 3) |
| Price_After_Tax | Decimal(15, 3) |
| Price_Before_Discount | Decimal(15, 3) |
| Order_Item_Discount | Decimal(15, 3) |
| Order_Discount | Decimal(15, 3) |
| Total_Discount_Value | Decimal(15, 3) |
| Price_After_Discount | Decimal(15, 3) |
| Price_Adjustment | Decimal(15, 3) |
| Price_Adjustment_Reason | VarChar(255) |
| Price | Decimal(15, 3) |
| Latest_Status | VarChar(50) |
| Latest_Status_Update | Timestamp |
| Is_Submitted | VarChar(1) |
| Submitted_Time | Timestamp |
| Is_Approved | VarChar(1) |
| Approved_Time | Timestamp |
| Is_Canceled | VarChar(1) |
| Canceled_Time | Timestamp |
| Canceled_Reason | VarChar(255) |
| Is_Scheduled | VarChar(1) |
| Scheduled_Time | Timestamp |
| Is_Ready | VarChar(1) |
| Ready_Time | Timestamp |
| Is_Delivered | VarChar(1) |
| Delivered_Time | Timestamp |
| Is_Paid | VarChar(1) |
| Payment_Time | Timestamp |
| Is_Canceled | VarChar(1) |

User Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

User Management Payment Terms Units of Measure Logout Exit

Settings

User Management

Add New Edit Deactivate Refresh

| Username | Role | Active | Created | Last Login |
|------------|---------------|--------|------------|------------------|
| admin | Administrator | ✓ | 2026-01-01 | 2026-01-02 00:50 |
| manager | Manager | ✓ | 2026-01-01 | |
| purchasing | Purchasing | ✓ | 2026-01-01 | |
| sales | Sales | ✓ | 2026-01-01 | |
| warehouse | Warehouse | ✓ | 2026-01-01 | |
| WARREN | Administrator | ✓ | 2026-01-02 | 2026-01-02 12:34 |

Edit User

Username: WARREN

Password: *****

Confirm Password: *****

Role: Administrator

Active: ☒

Save Reset Password Cancel

User: WARREN Role: Administrator 2026-01-02 12:42:51

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Subs_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | Timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | VarChar(255) |
| Price_Before_Tax | Decimal(15, 3) |
| Total_Tax_Value | Decimal(15, 3) |
| Price_After_Tax | Decimal(15, 3) |
| Price_Before_Discount | Decimal(15, 3) |
| Order_Item_Discount | Decimal(15, 3) |
| Order_Discount | Decimal(15, 3) |
| Total_Discount_Value | Decimal(15, 3) |
| Price_After_Discount | Decimal(15, 3) |
| Price_Adjustment | Decimal(15, 3) |
| Price_Adjustment_Reason | VarChar(255) |
| Price | Decimal(15, 3) |
| Latest_Status | VarChar(50) |
| Latest_Status_Update | Timestamp |
| Is_Submitted | VarChar(1) |
| Submitted_Time | Timestamp |
| Is_Approved | VarChar(1) |
| Approved_Time | Timestamp |
| Is_Canceled | VarChar(1) |
| Canceled_Time | Timestamp |
| Canceled_Reason | VarChar(255) |
| Is_Scheduled | VarChar(1) |
| Scheduled_Time | Timestamp |
| Is_Ready | VarChar(1) |
| Ready_Time | Timestamp |
| Is_Delivered | VarChar(1) |
| Delivered_Time | Timestamp |
| Is_Paid | VarChar(1) |
| Payment_Time | Timestamp |
| Is_Canceled | VarChar(1) |

Units of Measure - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Store Settings User Management Payment Terms Units of Measure Logout Exit

Settings System

Units of Measure

| Code | Name | Conversion Factor | Active |
|------|----------|-------------------|-------------------------------------|
| BK | Box | 1.000000 | <input checked="" type="checkbox"/> |
| CS | Case | 1.000000 | <input checked="" type="checkbox"/> |
| DZ | Dozen | 12.000000 | <input checked="" type="checkbox"/> |
| EA | Each | 1.000000 | <input checked="" type="checkbox"/> |
| FT | Feet | 1.000000 | <input checked="" type="checkbox"/> |
| GAL | Gallon | 1.000000 | <input checked="" type="checkbox"/> |
| KG | Kilogram | 2.204620 | <input checked="" type="checkbox"/> |
| LB | Pound | 1.000000 | <input checked="" type="checkbox"/> |
| LT | Liter | 0.264172 | <input checked="" type="checkbox"/> |
| M | Meter | 3.280840 | <input checked="" type="checkbox"/> |
| PK | Pack | 1.000000 | <input checked="" type="checkbox"/> |

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Manager_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Items_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | varchar(255) |
| Price_Adjustment_Reason | decimal(15, 3) |
| Price | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Cancelled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_V | varchar(1) |
| Is_Canceled | varchar(1) |

Ctrl V to paste

Payment Terms - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Store Settings User Management Payment Terms Units of Measure Logout Exit

Settings System

Payment Terms

| Code | Description | Days Due | Discount % | Active |
|----------|--------------------|----------|------------|-------------------------------------|
| 210NET30 | 2% 10 Days, Net 30 | 30 | 2.00 | <input checked="" type="checkbox"/> |
| COD | Cash on Delivery | 15 | 0.00 | <input checked="" type="checkbox"/> |
| NET15 | Net 15 Days | 30 | 0.00 | <input checked="" type="checkbox"/> |
| NET30 | Net 30 Days | 60 | 0.00 | <input checked="" type="checkbox"/> |
| NET60 | Net 60 Days | 0 | 0.00 | <input checked="" type="checkbox"/> |
| PREPAID | Prepaid | 0 | 0.00 | <input checked="" type="checkbox"/> |

Edit Payment Terms

Codes: 210NET30

Descriptions: 2% 10 Days, Net 30

Days Due: 30

Discount %: 2.00

Discount Days: 10

☒ Active

Save Cancel

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Terms_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Manager_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Items_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | varchar(255) |
| Price_Adjustment_Reason | decimal(15, 3) |
| Price | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Cancelled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_V | varchar(1) |
| Is_Canceled | varchar(1) |

Ctrl V to paste

Store Settings - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Store Settings User Management Payment Terms Units of Measure Logout Exit

Settings System

Store Settings

Company Name:

Tax Rate (%):

Order Number Prefix:

Purchase Number Prefix:

Inventory Settings

☐ Allow Negative Stock

☒ Check Stock Availability Before Order

☒ Use Moving Average for Item Costing

Save Settings Close

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Term_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |

User: WARREN Role: Administrator 2026-01-02 12:43:21

Dashboard - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Inventory Value: \$95,926
Total stock value

Items: 26
Active items

Low Stock: 0
Items need reorder

Pending Orders: 1
Awaiting approval

Pending PO: 4
Awaiting receipt

Today's Sales: \$0
Orders delivered today

Stock Value by Category

Quick Actions

New Order

New Purchase Order

Inventory Count

Reorder Report

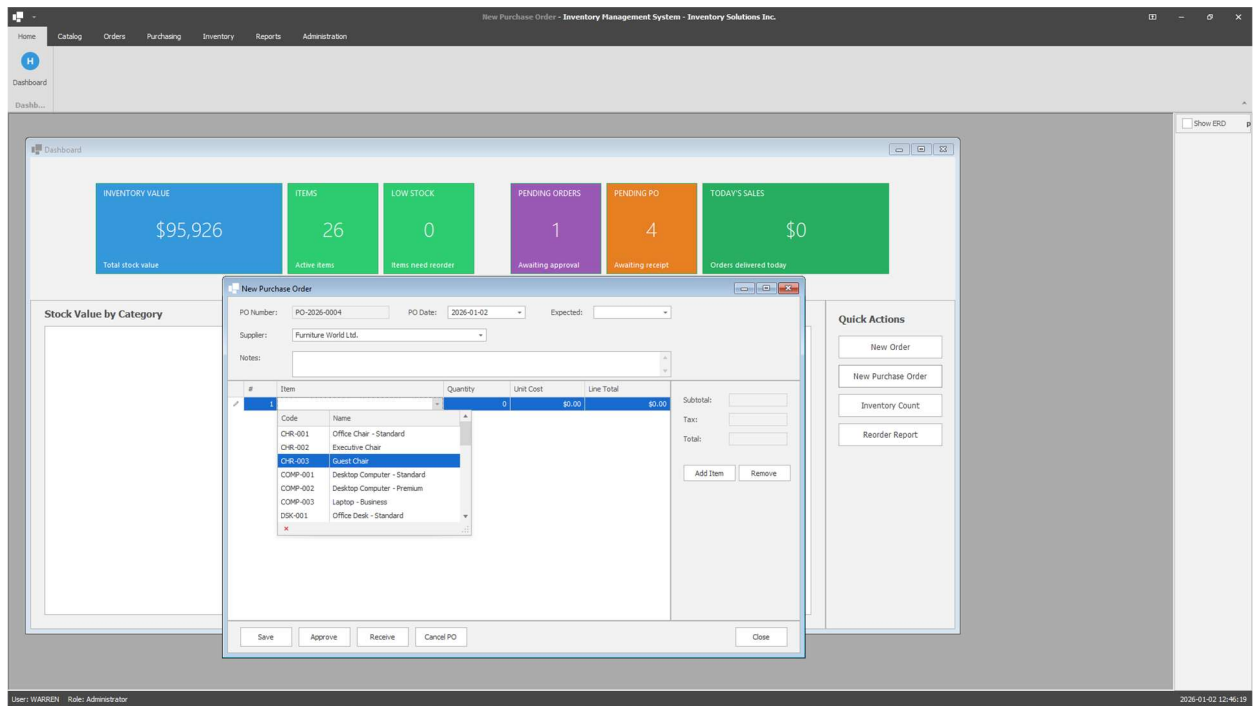
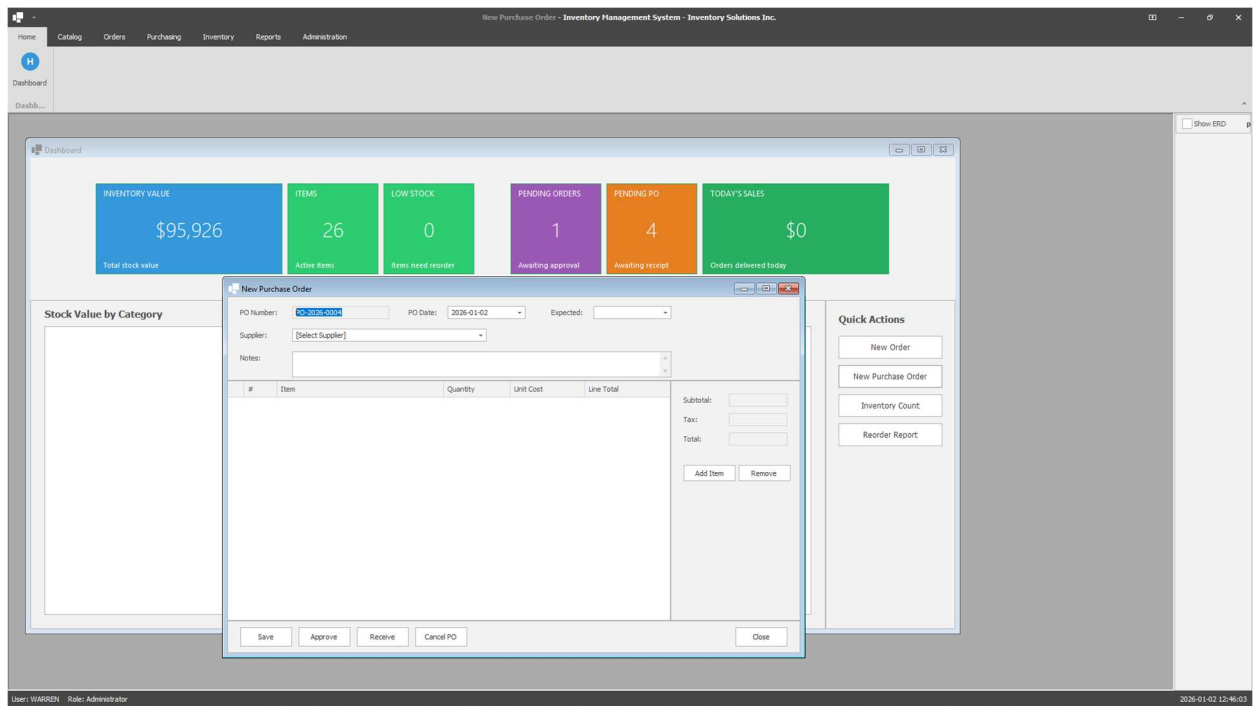
Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModelP

Order Header

| ID | Int(10) |
|-------------------------|----------------|
| Store_ID | Int(10) |
| Sales_Channel_ID | Int(10) |
| Delivery_Type_ID | Int(10) |
| Payment_Method_ID | Int(10) |
| Payment_Term_ID | Int(10) |
| Order_ID | Int(10) |
| Customer_ID | Int(10) |
| Loyalty_Card_ID | Int(10) |
| Created_Emp_Login_ID | Int(10) |
| Created_Customer_ID | Int(10) |
| Created_Time | timestamp |
| Approved_Emp_Login_ID | Int(10) |
| Managed_Emp_Login_ID | Int(10) |
| Customer_Notes | varchar(255) |
| Price_Before_Tax | decimal(15, 3) |
| Total_Tax_Value | decimal(15, 3) |
| Price_After_Tax | Int(10) |
| Price_Before_Discount | decimal(15, 3) |
| Order_Item_Discount | decimal(15, 3) |
| Order_Discount | decimal(15, 3) |
| Total_Discount_Value | decimal(15, 3) |
| Price_After_Discount | decimal(15, 3) |
| Price_Adjustment | decimal(15, 3) |
| Price_Adjustment_Reason | varchar(255) |
| Price | decimal(15, 3) |
| Latest_Status | varchar(50) |
| Latest_Status_Update | timestamp |
| Is_Submitted | varchar(1) |
| Submitted_Time | timestamp |
| Is_Approved | varchar(1) |
| Approved_Time | timestamp |
| Is_Canceled | varchar(1) |
| Canceled_Time | timestamp |
| Cancel_Reason | varchar(255) |
| Is_Scheduled | varchar(1) |
| Scheduled_Time | timestamp |
| Is_Ready | varchar(1) |
| Ready_Time | timestamp |
| Is_Delivered | varchar(1) |
| Delivered_Time | timestamp |
| Is_Paid | varchar(1) |
| Payment_Time | timestamp |
| Is_Completed | varchar(1) |
| Completed_Time | timestamp |
| Return_Required | varchar(1) |
| Return_Time | timestamp |
| Comments | varchar(1000) |

User: WARREN Role: Administrator 2026-01-02 12:44:02



Home

Catalog

Orders

Purchasing

Inventory

Reports

Administration

H

Dashboard

Dashboard...

Dashboard

INVENTORY VALUE

\$95,926

Total stock value

ITEMS

26

Active Items

LOW STOCK

0

Items need reorder

PENDING ORDERS

1

Awaiting approval

PENDING PO

4

Awaiting receipt

TODAY'S SALES

\$0

Orders delivered today

Stock Value by Category

New PO

View/Edit

Cancel

Refresh

| PO # | PO Date | Supplier | Status | Total | Received |
|--------------|------------|------------------------|----------|------------|--------------------------|
| PO-2026-0003 | 2026-01-02 | Furniture World Ltd. | Draft | \$0.00 | <input type="checkbox"/> |
| PO-2026-0002 | 2026-01-02 | Furniture World Ltd. | Draft | \$0.00 | <input type="checkbox"/> |
| PO-2026-0001 | 2026-01-02 | Global Hardware Supply | Draft | \$0.00 | <input type="checkbox"/> |
| PO-2024-0003 | 2026-01-01 | Global Hardware Supply | Approved | \$974.09 | <input type="checkbox"/> |
| PO-2024-0002 | 2025-12-25 | Office Plus Wholesale | Received | \$1,352.58 | <input type="checkbox"/> |
| PO-2024-0001 | 2025-12-17 | Tech Distributors Inc. | Received | \$6,494.89 | <input type="checkbox"/> |

Quick Actions

New Order

New Purchase Order

Inventory Count

Reorder Report

User: WARREN Role: Administrator2026-01-02 12:40:13

Home

Catalog

Orders

Purchasing

Inventory

Reports

Administration

H

Dashboard

Dashboard...

Dashboard

INVENTORY VALUE

\$95,926

Total stock value

ITEMS

26

Active Items

LOW STOCK

0

Items need reorder

PENDING ORDERS

1

Awaiting approval

PENDING PO

4

Awaiting receipt

TODAY'S SALES

\$0

Orders delivered today

Stock Value by Category

Refresh

Export to Excel

Total Inventory Value: \$95,926.08

| Item Code | Item Name | Stock Qty | Unit Cost | Total Value | Reorder Level | Needs Reorder |
|-----------------|-----------------------------|-----------|--------------------|-------------|---------------|--------------------------|
| CHR-001 | Office Chair - Standard | 20.00 | \$149.99 | \$2,999.80 | 5.0000 | <input type="checkbox"/> |
| CHR-002 | Executive Chair | 10.00 | \$349.99 | \$3,499.90 | 3.0000 | <input type="checkbox"/> |
| CHR-003 | Guest Chair | 20.00 | \$79.99 | \$2,399.70 | 10.0000 | <input type="checkbox"/> |
| COMP-001 | Desktop Computer - Standard | 25.00 | \$599.99 | \$14,999.75 | 10.0000 | <input type="checkbox"/> |
| COMP-002 | Desktop Computer - Premium | 15.00 | \$999.99 | \$14,999.85 | 5.0000 | <input type="checkbox"/> |
| COMP-003 | Laptop - Business | 20.00 | \$849.99 | \$16,999.80 | 8.0000 | <input type="checkbox"/> |
| DSK-001 | Office Desk - Standard | 9.00 | \$249.99 | \$2,249.91 | 3.0000 | <input type="checkbox"/> |
| DSK-002 | Standing Desk | 8.00 | \$449.99 | \$3,599.92 | 3.0000 | <input type="checkbox"/> |
| HND-001 | Hammer - 16oz | 30.00 | \$19.99 | \$599.70 | 10.0000 | <input type="checkbox"/> |
| HND-002 | Screwdriver Set | 25.00 | \$24.99 | \$624.75 | 8.0000 | <input type="checkbox"/> |
| HND-003 | Tape Measure - 25ft | 40.00 | \$14.99 | \$599.60 | 15.0000 | <input type="checkbox"/> |
| NET-001 | Network Cable Cat5 - 10ft | 200.00 | \$8.99 | \$1,798.00 | 50.0000 | <input type="checkbox"/> |
| NET-002 | Wireless Router | 25.00 | \$129.99 | \$3,249.75 | 10.0000 | <input type="checkbox"/> |
| NET-003 | Network Switch 8-Port | 20.00 | \$49.99 | \$999.80 | 8.0000 | <input type="checkbox"/> |
| PAP-001 | Copy Paper - Ream | 500.00 | \$4.99 | \$2,495.00 | 100.0000 | <input type="checkbox"/> |
| PAP-002 | Legal Pads - Pack | 100.00 | \$12.99 | \$1,299.00 | 25.0000 | <input type="checkbox"/> |
| PAP-003 | Sticky Notes - Pack | 150.00 | \$8.99 | \$1,348.50 | 40.0000 | <input type="checkbox"/> |
| PERH-001 | Ballpoint Pens - Box | 200.00 | \$6.99 | \$1,398.00 | 50.0000 | <input type="checkbox"/> |
| PERH-002 | Permanent Markers - Pack | 100.00 | \$9.99 | \$999.00 | 25.0000 | <input type="checkbox"/> |
| PERH-003 | Highlighters - Pack | 120.00 | \$5.99 | \$718.80 | 30.0000 | <input type="checkbox"/> |
| PERI-001 | Wireless Mouse | 100.00 | \$29.99 | \$2,999.00 | 25.0000 | <input type="checkbox"/> |
| PERI-002 | Mechanical Keyboard | 50.00 | \$79.99 | \$3,999.50 | 15.0000 | <input type="checkbox"/> |
| Total: 1,892.00 | | | Total: \$95,926.08 | | | |

Computers: 49%

Peripherals: 16%

Chairs: 9%

Networking: 9%

Desktops: 8%

Paper Products: 9%

Writing Instruments: 3%

Power Tools: 3%

Hand Tools: 2%

Quick Actions

New Order

New Purchase Order

Inventory Count

Reorder Report

Ctrl V to paste2026-01-02 12:40:29

User: WARREN Role: Administrator