

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/
    ├── User.vb                  # 14 entity classes
    ├── 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/
      └── 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:

New Cost = ((Current Qty × Current Cost) + (Received Qty × Purchase Cost)) / (Current Qty + 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.

Dashboard Load Error

```
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)
L Wrote 1 lines to InventoryManagement\Forms\DashboardForm.Designer.vb
Imports DevExpress.XtraBars.Navigation
```

InventoryManagement -> C:\Users\sides\Documents\GitHub\WarMac57\InventoryManagement\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?

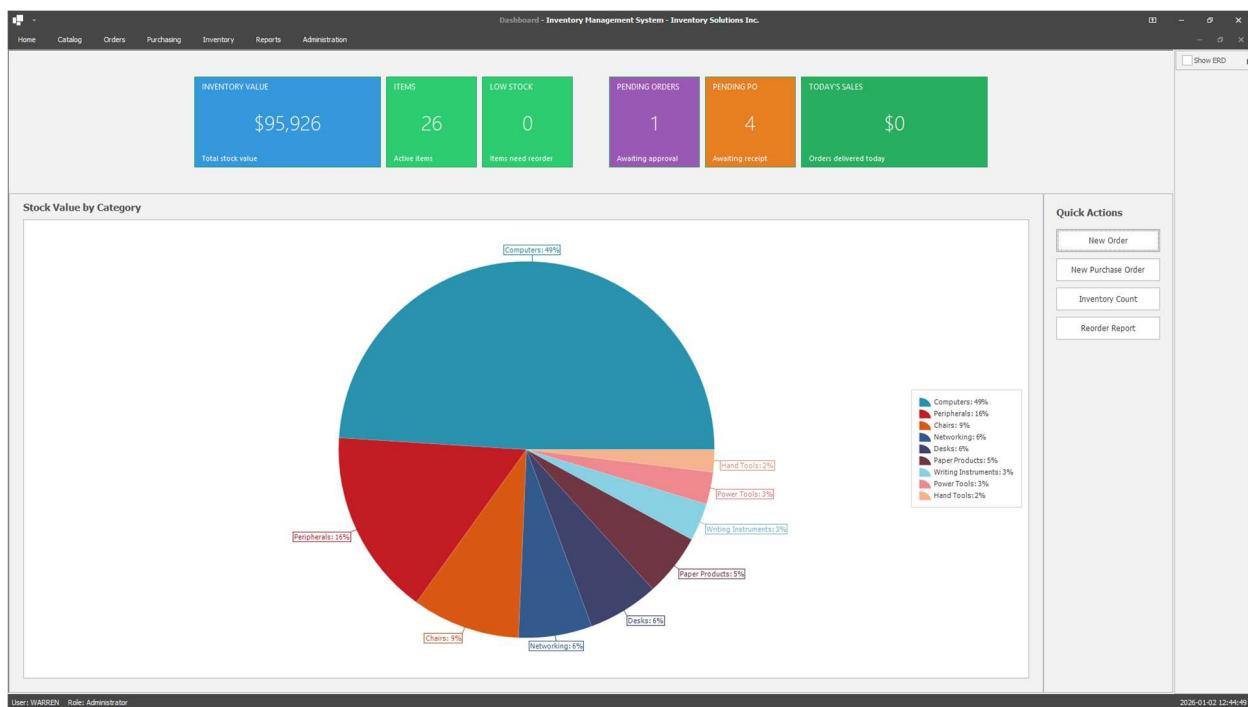
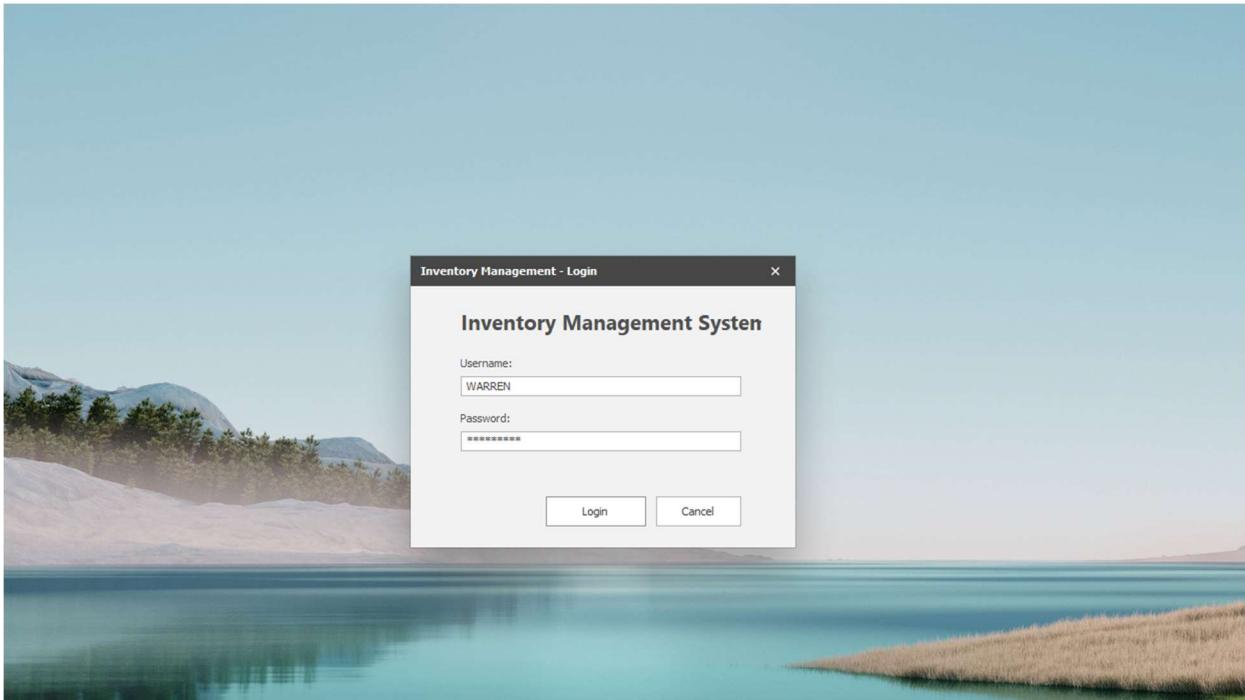
● Search(pattern: "**/README.md")

```

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 +

```

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



Dashboard - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Store Settings User Management Payment Terms Units of Measure Logout Exit System

Settings Reports Administration

Show ERD

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

Category	Percentage
Computers	49%
Peripherals	16%
Chairs	9%
Networking	6%
Desks	6%
Paper Products	5%
Writing Instruments	3%
Power Tools	3%
Hand Tools	2%

Quick Actions

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

User: WARREN Role: Administrator 2026-01-02 12:45:36

Dashboard - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Store Settings User Management Payment Terms Units of Measure Logout Exit System

Settings Reports Administration

Show ERD

Dashboard

INVENTORY VALUE: \$95,926 (Total stock value)

ITEMS: 26 (Active items)

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Paper Products	5%
Writing Instruments	3%
Power Tools	3%
Hand Tools	2%

Quick Actions

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

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModeler

Order Header

- Order_ID int(10) PK
- Sales_Channel_ID int(10)
- Delivery_Type_ID int(10)
- Payment_Method_ID int(10)
- Payment_Status_ID int(10)
- Order_No varchar(50)
- Order_Date_ID int(10)
- Locality_Cent_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 decimal(15,3)
- Price_Before_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)
- Prod_Status varchar(5)
- Last_Status_Update timestamp
- Is_Submitted varchar(1)
- Submitted_Time timestamp
- Is_Approved varchar(1)
- Approved_Time timestamp
- Is_Cancelled varchar(1)
- Cancelled_Time timestamp
- Cancel_Reason varchar(255)
- Is_Scheduled varchar(1)
- Scheduled_Time timestamp
- Is_Paid varchar(1)
- Ready_Time timestamp
- Is_Delivered varchar(1)
- Delivered_Time timestamp
- Is_Paid_Ticket varchar(1)
- Is_Completed varchar(1)
- Completed_Time timestamp
- Return_Required varchar(1)
- Return_Time timestamp
- Comments varchar(1000)

User: WARREN Role: Administrator 2026-01-02 12:36:23

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	25.00	\$149.99	5.0000	<input checked="" type="checkbox"/>
CHR-002	Executive Chair	10.00	\$499.99	3.0000	<input checked="" type="checkbox"/>
CHR-003	Guest Chair	30.00	\$79.99	10.0000	<input checked="" type="checkbox"/>
COMP-001	Desktop Computer - Standard	25.00	\$1299.99	25.0000	<input checked="" type="checkbox"/>
COMP-002	Desktop Computer - Premium	15.00	\$1999.99	25.0000	<input checked="" type="checkbox"/>
COMP-003	Laptop - Business	20.00	\$899.99	20.0000	<input checked="" type="checkbox"/>
DSKT-001	Office Desk - Standard	9.00	\$499.99	8.0000	<input checked="" type="checkbox"/>
DSKT-002	Standing Desk	8.00	\$699.99	8.0000	<input checked="" type="checkbox"/>
HWD-001	Monitor - 24"	30.00	\$299.99	30.0000	<input checked="" type="checkbox"/>
HWD-002	Keyboard Set	25.00	\$199.99	25.0000	<input checked="" type="checkbox"/>
HWD-003	Tape Measure - 20ft	40.00	\$1.99	40.0000	<input checked="" type="checkbox"/>
NET-001	Network Cable Cat6 - 10ft	200.00	\$1.99	200.0000	<input checked="" type="checkbox"/>
NET-002	Wireless Router	25.00	\$199.99	25.0000	<input checked="" type="checkbox"/>
NET-003	Network Switch 8-Port	30.00	\$199.99	30.0000	<input checked="" type="checkbox"/>
PAP-001	Copy Paper - Ream	500.00	\$0.10	500.0000	<input checked="" type="checkbox"/>
PAP-002	Legal Pads - Pack	100.00	\$1.99	100.0000	<input checked="" type="checkbox"/>
PAP-003	Sticky Notes - Pack	150.00	\$1.99	150.0000	<input checked="" type="checkbox"/>
PEN-001	Balloon Pens - Box	200.00	\$1.99	200.0000	<input checked="" type="checkbox"/>
PER-002	Permanent Markers - Pack	100.00	\$1.99	100.0000	<input checked="" type="checkbox"/>
PER-003	Highlighters - Pack	120.00	\$1.99	120.0000	<input checked="" type="checkbox"/>
PERI-001	Wireless Mouse	100.00	\$39.99	100.0000	<input checked="" type="checkbox"/>
PERI-002	Mechanical Keyboard	50.00	\$199.99	50.0000	<input checked="" type="checkbox"/>
PERI-003	24" Monitor	30.00	\$499.99	30.0000	<input checked="" type="checkbox"/>

Today's Sales: 4 \$0 Orders delivered today

Edit Item

Item Code: HWD-001

Item Name: Office Chair - Standard

Description: Ergonomic mesh back chair

Category: Chairs

Unit of Measure: Each

Current Cost: \$149.99

Stock Quantity: 30.00

Reorder Level: 30.0000

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

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModeler

Order_Header

- Store_ID int(10)
- Sales_Type_ID int(10)
- Delivery_Type_ID int(10)
- Payment_Method_ID int(10)
- Payment_Trip_ID int(10)
- Order_No varchar(50)
- Customer_ID int(10)
- Delivery_Emp_Log_ID int(10)
- Created_Customer_ID int(10)
- Created_Time timestamp
- Approved_Emp_Log_ID int(10)
- Managed_Emp_Log_ID int(10)
- Customer_ID varchar(250)
- Price_Before_Tax decimal(15, 3)
- Total_Tax_Value decimal(15, 3)
- Price_After_Tax int(10)
- Price_Before_Discount decimal(15, 3)
- Order_Quantity_Discount decimal(15, 3)
- Order_Discount_Value decimal(15, 3)
- Price_Discount_Value decimal(15, 3)
- Price_After_Discount decimal(15, 3)
- Price_Adjustment decimal(255)
- Price decimal(15, 3)
- Price_Adjustment_Reason varchar(255)
- Last_Status_Update varchar(255)
- Last_Status_Update timestamp
- Is_Submitted varchar(1)
- Submitted_Time timestamp
- Is_Approved varchar(1)
- Approved_Time timestamp
- Is_Cancelled varchar(1)
- Canceled_Time timestamp
- Cancel_Reason varchar(255)
- Is_Scheduled varchar(1)
- Scheduled_Time timestamp
- Is_Returned varchar(1)
- Return_Time timestamp
- Is_Delivered varchar(1)
- Delivered_Time timestamp
- Is_Paid varchar(1)
- Payment_Time timestamp
- Is_Refunded varchar(1)
- Refund_Time timestamp
- Is_Completed timestamp
- Completed_Time timestamp
- Return_Required varchar(1)
- Return_Time timestamp
- Comments varchar(1000)

Category 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 \$0 Orders delivered today

Category Management

Add New Edit Delete Refresh

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

Stock Value

Quick Actions

New Order
New Purchase Order
Inventory Count
Reorder Report

Order_Header

ID int(10)
Store_ID int(10)
Sales_Contract_ID int(10)
Delivery_Type_ID int(10)
Payment_Method_ID int(10)
Payment_Status_ID int(10)
Order_No varchar(50)
Customer_ID int(10)
Created_Emp_Logon_ID int(10)
Customer_Notes varchar(255)
Created_Emp_Logon_ID int(10)
Created_Time timestamp
Approved_Emp_Logon_ID int(10)
Managed_Emp_Logon_ID int(10)
Customer_Notes varchar(255)
Price_Before_Discount decimal(15, 3)
Total_Tax_Value decimal(15, 3)
Price_After_Discount 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_Raison varchar(255)
Price_Adjustment_Reason varchar(255)
Price_Scheduled_Time timestamp
Latest_Status varchar(50)
Last_Status_Update timestamp
Is_Submitted boolean
Submitted_Time timestamp
Is_Approved boolean
Approved_Time timestamp
Is_Canceled boolean
Canceled_Time timestamp
Cancel_Reason varchar(255)
Is_Scheduled boolean
Scheduled_Time timestamp
Is_Ready boolean
Ready_Time timestamp
Is_Delivered boolean
Delivered_Time timestamp
Is_Paid boolean
Payment_Time timestamp
Is_Completed boolean
Completed_Time timestamp
Completed_Status boolean
Return_Time timestamp
Comments varchar(1000)

User: WASSEN Reko Administration 2020-01-02 12:30:41

Supplier Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Dashboard

INVENTORY VALUE: \$65,025 | ITEMS: 26 | LOW STOCK: 0 | PENDING ORDERS: 4 | PENDING PO: 4 | TODAY'S SALES: \$0

Stock Value by Supplier:

Code	Supplier Name	Contact	Phone	Email	Active
SUP005	Electronic Components Co.	Mike Wilson	555-0105	mike@electcomp.com	<input checked="" type="checkbox"/>
SUP004	Furniture World Ltd.	Susan Davis	555-0105	susan.davis@furnitureworld.com	<input checked="" type="checkbox"/>
SUP003	Global Hardware Supply	Robert Brown	555-0105	robert.brown@globalhardware.com	<input checked="" type="checkbox"/>
SUP002	Office Plus Wholesale	Mary Johnson	555-0105	mary.johnson@officoplus.com	<input checked="" type="checkbox"/>
SUP001	Tech Distributors Inc.	John Smith	555-0105	john.smith@techdistributors.com	<input checked="" type="checkbox"/>

Supplier Management

Add New Edit Delete Refresh

Supplier Management

Supplier ID: SUP005 Supplier Name: Electronic Components Co. Contact: Mike Wilson Phone: 555-0105 Email: mike@electcomp.com Active:

Supplier Name: Electronic Components Co.

Contact Person: Mike Wilson Email: mike@electcomp.com Phone: 555-0105 Address: 654 Circuit Lane City: Austin State: TX Zip Code: 78701 Country: USA Active:

Quick Actions

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

Save Cancel

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModeler

Order Header

ID	Supplier_ID	Sales_Channel_ID	Delivery_Type_ID	Payment_Method_ID	Payment_Status_ID	Order_Ref_ID	Customer_ID	Loyalty_Card_ID	Created_Emp_Login_ID	Created_Customer_ID	Created_Time	Approved_Emp_Login_ID	Managed_Emp_Login_ID	Customer_Notes	Price_Before_Tax	Total_Tax_Value	Price_After_Tax	Price_Discount	Order_Items_Discount	Order_Discount	Total_Discount_Value	Price_After_Discount	Price_Adjustment	Price_Adjustment_Reason	Price	Latest_Status	Latest_Status_Update	Is_Submitted	Submitted_Time	Is_Approved	Approved_Time	Is_Canceled	Canceled_Time	Canceled_Reason	Is_Scheduled	Scheduled_Time	Is_Ready	Ready_Time	Is_Delivered	Delivered_Time	Is_Paid	Paid_Time	Is_Completed	Completed_Time	Completed_Discount	Return_Required	Return_Time	Comments
----	-------------	------------------	------------------	-------------------	-------------------	--------------	-------------	-----------------	----------------------	---------------------	--------------	-----------------------	----------------------	----------------	------------------	-----------------	-----------------	----------------	----------------------	----------------	----------------------	----------------------	------------------	-------------------------	-------	---------------	----------------------	--------------	----------------	-------------	---------------	-------------	---------------	-----------------	--------------	----------------	----------	------------	--------------	----------------	---------	-----------	--------------	----------------	--------------------	-----------------	-------------	----------

User: WARREN Role: Administrator

Edit Order - 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	Startup 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	\$1,407.20	<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 Subtotal: \$0.00 Tax: \$0.00 Total: \$0.00 Add Line Remove

#	Item	Quantity	Unit Price	Discount %	Line Total
1	Executive Chair	1,000	\$0.00	0.00	\$0.00
[EditValue is null]					

Save Submit Approve Deliver Cancel Order Close

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModeler

Order Header

ID	Supplier_ID	Sales_Channel_ID	Delivery_Type_ID	Payment_Method_ID	Payment_Status_ID	Order_Ref_ID	Customer_ID	Loyalty_Card_ID	Created_Emp_Login_ID	Created_Customer_ID	Created_Time	Approved_Emp_Login_ID	Managed_Emp_Login_ID	Customer_Notes	Price_Before_Tax	Total_Tax_Value	Price_After_Tax	Price_Discount	Order_Items_Discount	Order_Discount	Total_Discount_Value	Price_After_Discount	Price_Adjustment	Price_Adjustment_Reason	Price	Latest_Status	Latest_Status_Update	Is_Submitted	Submitted_Time	Is_Approved	Approved_Time	Is_Canceled	Canceled_Time	Canceled_Reason	Is_Scheduled	Scheduled_Time	Is_Ready	Ready_Time	Is_Delivered	Delivered_Time	Is_Paid	Paid_Time	Is_Completed	Completed_Time	Completed_Discount	Return_Required	Return_Time	Comments
----	-------------	------------------	------------------	-------------------	-------------------	--------------	-------------	-----------------	----------------------	---------------------	--------------	-----------------------	----------------------	----------------	------------------	-----------------	-----------------	----------------	----------------------	----------------	----------------------	----------------------	------------------	-------------------------	-------	---------------	----------------------	--------------	----------------	-------------	---------------	-------------	---------------	-----------------	--------------	----------------	----------	------------	--------------	----------------	---------	-----------	--------------	----------------	--------------------	-----------------	-------------	----------

Edit Purchase Order - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Purchase Order Management

PO #	PO Date	Supplier	Status	Total	Received
PO-2026-0002	2026-01-03	Furniture World Ltd.	Draft	\$0.00	<input type="checkbox"/>
PO-2026-0002	2026-01-03	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	\$1,302.58	<input type="checkbox"/>
PO-2024-0001	2025-12-17	Tech Distributors Inc.	Received	\$6,494.89	<input type="checkbox"/>

Edit Purchase Order

PO Number: PO-2026-0001 PO Date: 2026-01-02 Expected: 2026-01-02

Supplier: Global Hardware Supply Supplier Name: Electronic Components Co.

#	Item	Unit Cost	Unit Total
	Global Hardware Supply		\$0.00
	Office Plus Wholesale		\$0.00
	Tech Distributors Inc.		\$0.00

Subtotal: \$0.00 Tax: \$0.00 Total: \$0.00

Add Item Remove Close

Save Approve Receive Cancel PO

User: WAISSEN Role: Administrator

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModeler®

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_Type_ID int(10)
- Order_No varchar(50)
- 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 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 decimal(255)
- Price decimal(15, 3)
- Latest_Status varchar(50)
- Last_Status_Update timestamp
- Is_Submitted boolean
- Submitted_Time timestamp
- Is_Approved boolean
- Approved_Time timestamp
- Is_Cancelled boolean
- Canceled_Time timestamp
- Cancel_Reason varchar(255)
- Is_Scheduled boolean
- Scheduled_Time timestamp
- Is_Ready boolean
- Ready_Time timestamp
- Is_Delivered boolean
- Delivered_Time timestamp
- Is_Paid boolean
- Payment_Time varchar(1)
- Is_Completed boolean
- Completed_Time timestamp
- Return_Required boolean
- Return_Time timestamp
- Comments varchar(1000)

2026-01-02 12:40:37

Order Report - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Inventory Report Order Report Reorder Report Reports

Order Report

From: 2026-01-02 To: 2026-01-02 Status: All Search Export Total: \$5,141.72

Order #	Date	Customer	Status	Subtotal	Tax	Total
ORD-2026-0002	2026-01-02	JOHN DOE	Delivered	\$0.00	\$0.00	\$0.00
ORD-2026-0001	2026-01-02	JOHN DOE	Cancelled	\$0.00	\$0.00	\$0.00
ORD-2024-0003	2026-01-01	Startup Inc.	Draft	\$899.97	\$74.25	\$974.22
ORD-2024-0002	2025-12-27	Tech Solutions LLC	Processing	\$2,549.93	\$210.37	\$2,760.30
ORD-2024-0001	2025-12-22	Acme Corporation	Delivered	\$1,299.95	\$107.25	\$1,407.20

\$4,749.85 Total \$5,141.72

User: WAISSEN Role: Administrator

Entity Relationship Diagram

Inventory Management Entity Relationship Diagram © DataModeler®

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_Type_ID int(10)
- Order_No varchar(50)
- 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_Discount_Value decimal(15, 3)
- Price_After_Discount decimal(15, 3)
- Price_Adjustment decimal(255)
- Price decimal(15, 3)
- Latest_Status varchar(50)
- Last_Status_Update timestamp
- Is_Submitted boolean
- Submitted_Time timestamp
- Is_Approved boolean
- Approved_Time timestamp
- Is_Cancelled boolean
- Canceled_Time timestamp
- Cancel_Reason varchar(255)
- Is_Scheduled boolean
- Scheduled_Time timestamp
- Is_Ready boolean
- Ready_Time timestamp
- Is_Delivered boolean
- Delivered_Time timestamp
- Is_Paid boolean
- Payment_Time timestamp
- Is_Generated boolean

2026-01-02 12:45:07

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

Home Catalog Orders Purchasing Inventory Reports Administration

Inventory Order Recode Reports

Inventory Valuation Report

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	5,000.00	<input type="checkbox"/>
CHR-002	Executive Chair	10.00	\$349.99	\$3,499.90	3,000.00	<input type="checkbox"/>
CHR-003	Guest Chair	30.00	\$79.99	\$2,399.70	10,000.00	<input type="checkbox"/>
COPH-001	Desktop Computer - Standard	25.00	\$599.99	\$14,999.75	10,000.00	<input type="checkbox"/>
COPH-002	Desktop Computer - Premium	15.00	\$999.99	\$14,999.85	5,000.00	<input type="checkbox"/>
COPH-003	Laptop - Business	20.00	\$899.99	\$16,999.80	8,000.00	<input type="checkbox"/>
DSK-001	Office Desk - Standard	9.00	\$249.99	\$2,249.91	3,000.00	<input type="checkbox"/>
DSK-002	Standing Desk	8.00	\$449.99	\$3,599.92	3,000.00	<input type="checkbox"/>
HND-001	Hammer - 16oz	30.00	\$19.99	\$599.70	10,000.00	<input type="checkbox"/>
HND-002	Screwdriver Set	25.00	\$24.99	\$624.75	8,000.00	<input type="checkbox"/>
HND-003	Tape Measure - 25ft	40.00	\$14.99	\$599.60	15,000.00	<input type="checkbox"/>
NET-001	Network Cable Cat6 - 10ft	200.00	\$8.99	\$1,798.00	50,000.00	<input type="checkbox"/>
NET-002	Wireless Router	25.00	\$129.99	\$3,249.75	10,000.00	<input type="checkbox"/>
NET-003	Network Switch 8-Port	20.00	\$49.99	\$999.80	8,000.00	<input type="checkbox"/>
PAP-001	Copy Paper - Ream	500.00	\$4.99	\$2,495.00	100,000.00	<input type="checkbox"/>
PAP-002	Legal Pads - Pack	100.00	\$12.99	\$1,299.00	25,000.00	<input type="checkbox"/>
PAP-003	Sticky Notes - Pack	150.00	\$8.99	\$1,348.50	40,000.00	<input type="checkbox"/>
PEN-001	Balpoint Pens - Box	200.00	\$6.99	\$1,398.00	50,000.00	<input type="checkbox"/>
PEN-002	Permanent Markers - Pack	100.00	\$9.99	\$999.00	25,000.00	<input type="checkbox"/>
PEN-003	Highlighters - Pack	120.00	\$5.99	\$718.80	30,000.00	<input type="checkbox"/>
PERI-001	Wireless Mouse	100.00	\$29.99	\$2,999.00	25,000.00	<input type="checkbox"/>
PERI-002	Mechanical Keyboard	50.00	\$79.99	\$3,999.50	15,000.00	<input type="checkbox"/>

Total: 1,892.00 Total: \$95,926.08

Entity Relationship Diagram

Inventory Management - Entity Relationship Diagram - © DataModeler®

Order Header

```

    graph TD
        ID[ID] --> Store_ID[Store_ID]
        ID --> Sales_Channel_ID[Sales_Channel_ID]
        ID --> Delivery_Type_ID[Delivery_Type_ID]
        ID --> Payment_Method_ID[Payment_Method_ID]
        ID --> Payment_Type_ID[Payment_Type_ID]
        ID --> Order_No[Order_No]
        ID --> Customer_ID[Customer_ID]
        ID --> Loyalty_Card_ID[Loyalty_Card_ID]
        ID --> Created_Emp_Login_ID[Created_Emp_Login_ID]
        ID --> Created_Time[Created_Time]
        ID --> Approved_Emp_Login_ID[Approved_Emp_Login_ID]
        ID --> Manager_Emp_Login_ID[Manager_Emp_Login_ID]
        ID --> Customer_Notes[Customer_Notes]
        ID --> Price_Before_Tax[Price_Before_Tax]
        ID --> Total_Tax_Vat[Total_Tax_Vat]
        ID --> Price_After_Tax[Price_After_Tax]
        ID --> Price_Before_Discount[Price_Before_Discount]
        ID --> Order_Itme_Discount[Order_Itme_Discount]
        ID --> Order_Discount[Order_Discount]
        ID --> Total_Discount_Value[Total_Discount_Value]
        ID --> Price_After_Discount[Price_After_Discount]
        ID --> Price_Adjustment[Price_Adjustment]
        ID --> Price_Adjustment_Reason[Price_Adjustment_Reason]
        ID --> Price[Price]
        ID --> Last_Status[Last_Status]
        ID --> Latest_Status_Update[Latest_Status_Update]
        ID --> Is_Submitted[Is_Submitted]
        ID --> Submitted_Time[Submitted_Time]
        ID --> Is_Approved[Is_Approved]
        ID --> Approved_Time[Approved_Time]
        ID --> Is_Cancelled[Is_Cancelled]
        ID --> Cancelled_Time[Cancelled_Time]
        ID --> Is_Canceled[Is_Canceled]
        ID --> Is_Scheduled[Is_Scheduled]
        ID --> Scheduled_Time[Scheduled_Time]
        ID --> Is_Ready[Is_Ready]
        ID --> Ready_Time[Ready_Time]
        ID --> Is_Delivered[Is_Delivered]
        ID --> Delivered_Time[Delivered_Time]
        ID --> Is_Paid[Is_Paid]
        ID --> Payment_Time[Payment_Time]
        ID --> Is_Generated[Is_Generated]
    
```

User Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

User Management

Add New Edit Deactivate Refresh

Username	Role	Active	Created	Last Login
admin	Administrator	<input checked="" type="checkbox"/>	2026-01-01	2026-01-02 00:50
manager	Manager	<input checked="" type="checkbox"/>	2026-01-01	
purchasing	Purchasing	<input checked="" type="checkbox"/>	2026-01-01	
sales	Sales	<input checked="" type="checkbox"/>	2026-01-01	
warehouse	Warehouse	<input checked="" type="checkbox"/>	2026-01-01	
→ WARREN	Administrator	<input checked="" type="checkbox"/>	2026-01-02	2026-01-02 12:34

Edit User

Username: WARREN
Password:
Confirm Password:
Role: Administrator
 Active

Save Reset Password Cancel

Entity Relationship Diagram

Inventory Management - Entity Relationship Diagram - © DataModeler®

Order Header

```

    graph TD
        ID[ID] --> Store_ID[Store_ID]
        ID --> Sales_Channel_ID[Sales_Channel_ID]
        ID --> Delivery_Type_ID[Delivery_Type_ID]
        ID --> Payment_Method_ID[Payment_Method_ID]
        ID --> Payment_Type_ID[Payment_Type_ID]
        ID --> Order_No[Order_No]
        ID --> Customer_ID[Customer_ID]
        ID --> Loyalty_Card_ID[Loyalty_Card_ID]
        ID --> Created_Emp_Login_ID[Created_Emp_Login_ID]
        ID --> Created_Time[Created_Time]
        ID --> Approved_Emp_Login_ID[Approved_Emp_Login_ID]
        ID --> Manager_Emp_Login_ID[Manager_Emp_Login_ID]
        ID --> Customer_Notes[Customer_Notes]
        ID --> Price_Before_Tax[Price_Before_Tax]
        ID --> Total_Tax_Vat[Total_Tax_Vat]
        ID --> Price_After_Tax[Price_After_Tax]
        ID --> Price_Before_Discount[Price_Before_Discount]
        ID --> Order_Itme_Discount[Order_Itme_Discount]
        ID --> Order_Discount[Order_Discount]
        ID --> Total_Discount_Value[Total_Discount_Value]
        ID --> Price_After_Discount[Price_After_Discount]
        ID --> Price_Adjustment[Price_Adjustment]
        ID --> Price_Adjustment_Reason[Price_Adjustment_Reason]
        ID --> Price[Price]
        ID --> Last_Status[Last_Status]
        ID --> Latest_Status_Update[Latest_Status_Update]
        ID --> Is_Submitted[Is_Submitted]
        ID --> Submitted_Time[Submitted_Time]
        ID --> Is_Approved[Is_Approved]
        ID --> Approved_Time[Approved_Time]
        ID --> Is_Cancelled[Is_Cancelled]
        ID --> Cancelled_Time[Cancelled_Time]
        ID --> Is_Canceled[Is_Canceled]
        ID --> Is_Scheduled[Is_Scheduled]
        ID --> Scheduled_Time[Scheduled_Time]
        ID --> Is_Ready[Is_Ready]
        ID --> Ready_Time[Ready_Time]
        ID --> Is_Delivered[Is_Delivered]
        ID --> Delivered_Time[Delivered_Time]
        ID --> Is_Paid[Is_Paid]
        ID --> Payment_Time[Payment_Time]
        ID --> Is_Generated[Is_Generated]
    
```

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

Home Catalog Orders Purchasing Inventory Reports Administration

User Management Payment Terms Units of Measure Logout Exit

Store Settings Settings Systems

Units of Measure

Add New	Edit	Delete	Refresh
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	2.046200	<input checked="" type="checkbox"/>
LB	Pound	1.000000	<input checked="" type="checkbox"/>
LT	Liter	0.284172	<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 - © DataModeler®

Order Header

```

classDiagram
    class Order {
        ID
        Store_ID
        Sales_Channel_ID
        Delivery_Type_ID
        Payment_Method_ID
        Payment_Status_ID
        Order_No
        Customer_ID
        Loyalty_Card_ID
        Created_Emp_Login_ID
        Created_Time
        Approved_Emp_Login_ID
        Manager_Emp_Login_ID
        Customer_Notes
        Price_Before_Tax
        Total_Tax_Value
        Total_Tax_Amt
        Price_After_Tax
        Price_Before_Discount
        Order_Item_Discount
        Order_Discount
        Total_Discount_Value
        Price_After_Discount
        Price_Adjustment
        Price_Adjustment_Reason
        Price
        Last_Status
        Last_Status_Update
        Is_Submitted
        Submitted_Time
        Is_Approved
        Approved_Time
        Is_Delivered
        Delivered_Time
        Is_Paid
        Payment_Status
        Is_Canceled
        Canceled_Time
        Cancel_Reason
        Is_Scheduled
        Is_Ready
        Ready_Time
        Is_Delivered
        Delivered_Time
        Is_Paid
        Payment_Status
        Is_Canceled
    }

```

Payment Terms - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

User Management Payment Terms Units of Measure Logout Exit

Store Settings Settings Systems

Payment Terms

Add New	Edit	Delete	Refresh	
Code	Description	Days Due	Discount %	Active
2109NET30	2% 10 Days, Net 30	30	2.00	<input checked="" type="checkbox"/>
COD	Cash on Delivery	0	0.00	<input checked="" type="checkbox"/>
NET15	Net 15 Days	15	0.00	<input checked="" type="checkbox"/>
NET30	Net 30 Days	30	0.00	<input checked="" type="checkbox"/>
NET60	Net 60 Days	60	0.00	<input checked="" type="checkbox"/>
PREPAID	Prepaid	0	0.00	<input checked="" type="checkbox"/>

Edit Payment Term

Code:

Description:

Days Due:

Discount %:

Discount Days:

Active

Save Cancel

Entity Relationship Diagram

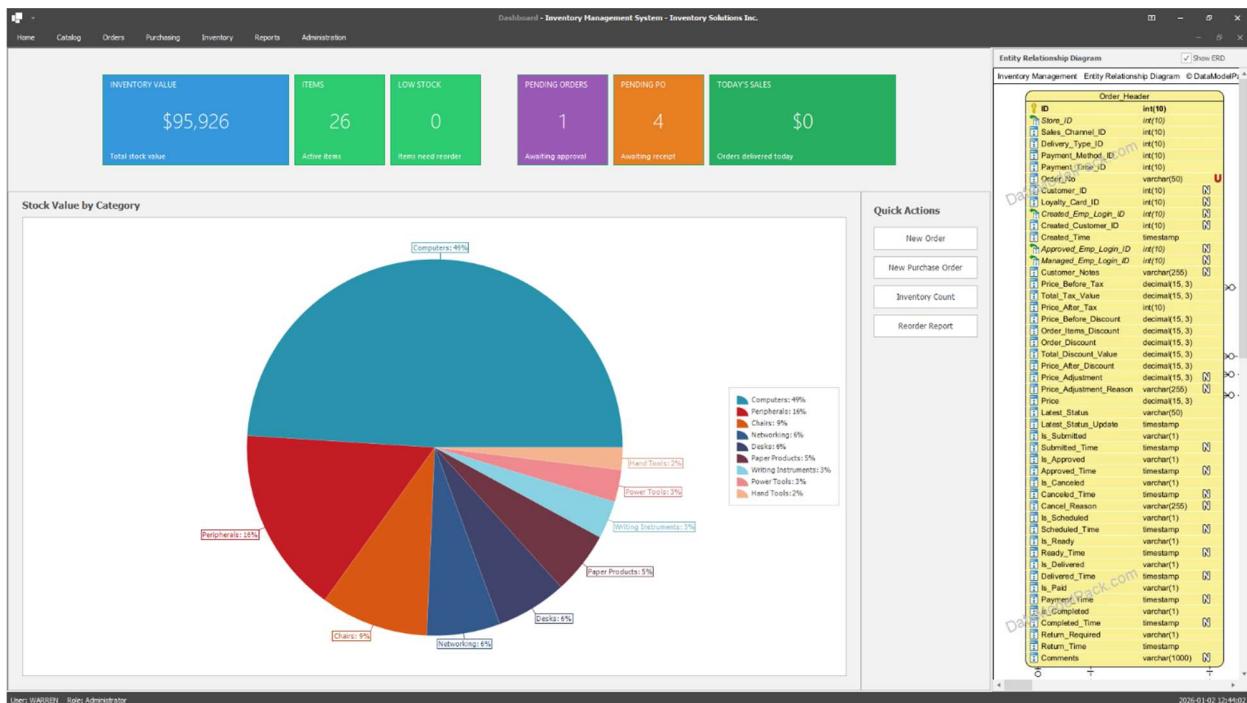
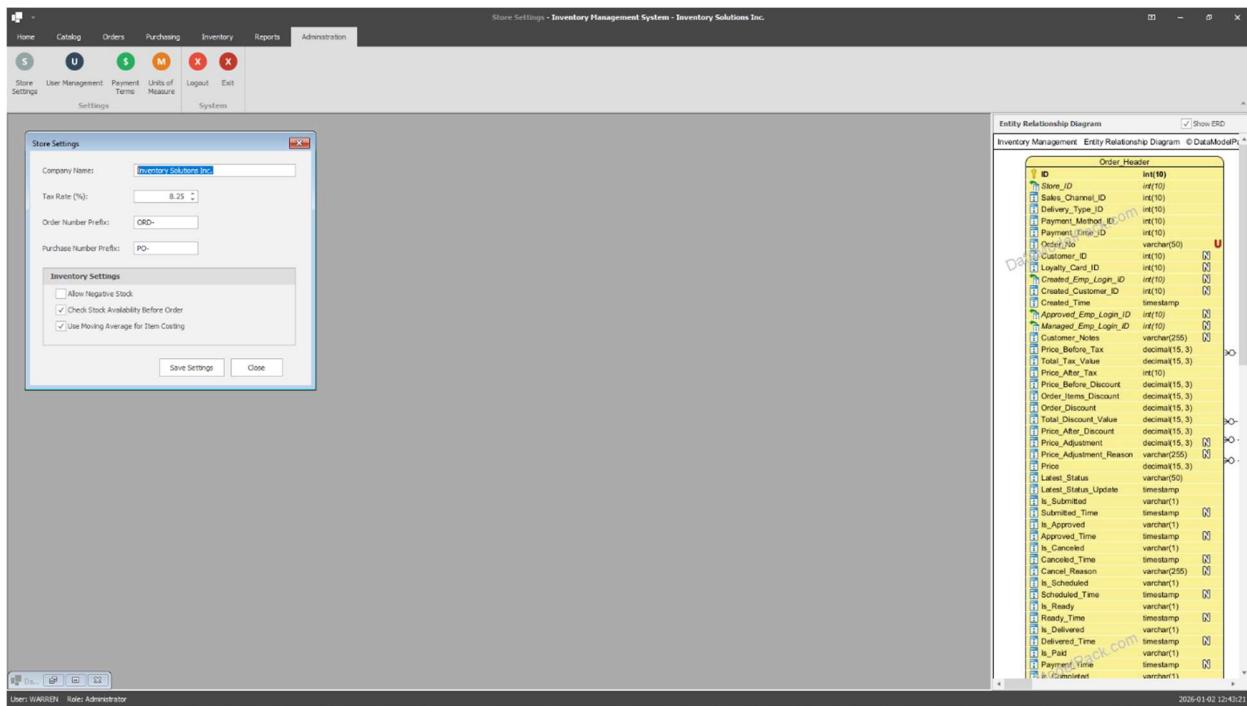
Inventory Management - Entity Relationship Diagram - © DataModeler®

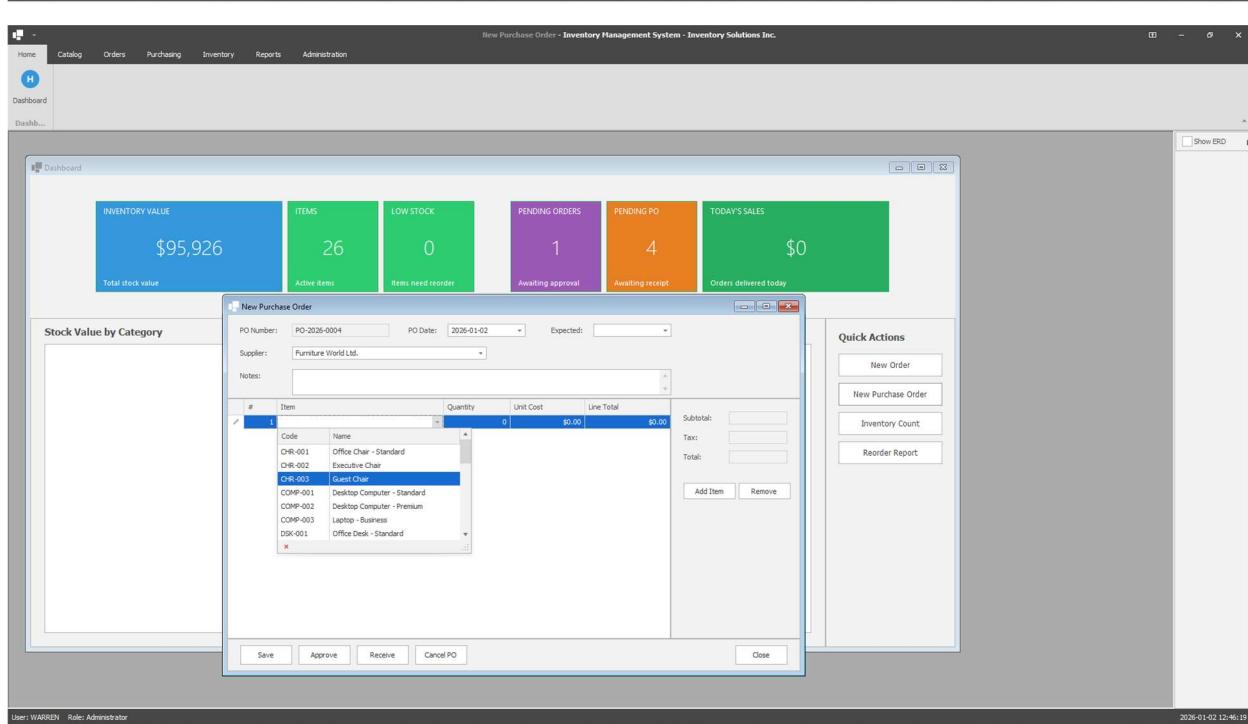
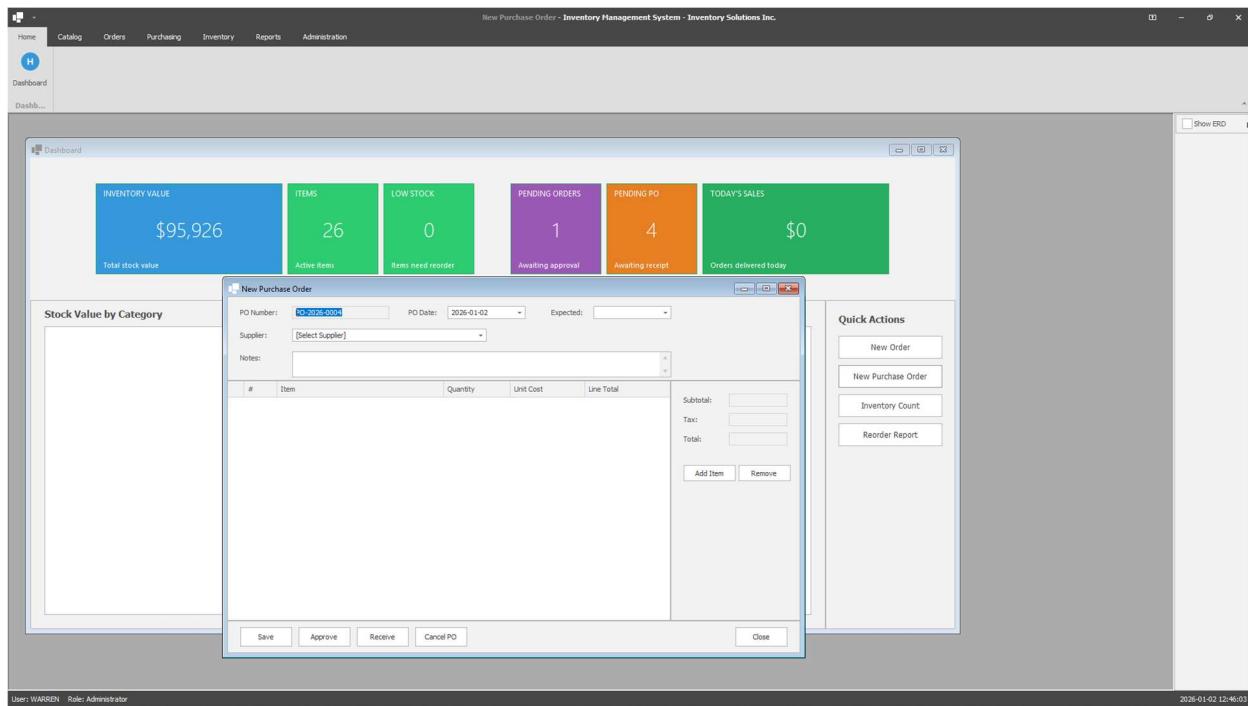
Order Header

```

classDiagram
    class Order {
        ID
        Store_ID
        Sales_Channel_ID
        Delivery_Type_ID
        Payment_Method_ID
        Payment_Status_ID
        Order_No
        Customer_ID
        Loyalty_Card_ID
        Created_Emp_Login_ID
        Created_Customer_ID
        Created_Time
        Approved_Emp_Login_ID
        Manager_Emp_Login_ID
        Customer_Notes
        Price_Before_Tax
        Total_Tax_Value
        Total_Tax_Amt
        Price_After_Tax
        Price_Before_Discount
        Order_Item_Discount
        Order_Discount
        Total_Discount_Value
        Price_After_Discount
        Price_Adjustment
        Price_Adjustment_Reason
        Price
        Last_Status
        Last_Status_Update
        Is_Submitted
        Submitted_Time
        Is_Approved
        Approved_Time
        Is_Canceled
        Canceled_Time
        Cancel_Reason
        Is_Scheduled
        Is_Ready
        Ready_Time
        Is_Delivered
        Delivered_Time
        Is_Paid
        Payment_Status
        Is_Canceled
    }

```





Purchase Order Management - Inventory Management System - Inventory Solutions Inc.

Home Catalog Orders Purchasing Inventory Reports Administration

Dashboard

Inventory Value: \$95,926 Items: 26 Low Stock: 0 Pending Orders: 1 Pending PO: 4 Today's Sales: \$0

Purchase Order Management

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: Administrator 2026-01-02 12:40:15

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

Home Catalog Orders Purchasing Inventory Reports Administration

Dashboard

Inventory Value: \$95,926 Items: 26 Low Stock: 0 Pending Orders: 1 Pending PO: 4 Today's Sales: \$0

Inventory Valuation Report

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	5,000.00	<input type="checkbox"/>
CHR-002	Executive Chair	10.00	\$349.99	\$3,499.90	3,000.00	<input type="checkbox"/>
CHR-003	Guest Chair	30.00	\$79.99	\$2,399.70	10,000.00	<input type="checkbox"/>
COMP-001	Desktop Computer - Standard	25.00	\$999.99	\$14,999.75	10,000.00	<input type="checkbox"/>
COMP-002	Desktop Computer - Premium	15.00	\$999.99	\$14,999.85	5,000.00	<input type="checkbox"/>
COMP-003	Laptop - Business	20.00	\$849.99	\$16,999.80	8,000.00	<input type="checkbox"/>
DSK-001	Office Desk - Standard	9.00	\$249.99	\$2,249.91	3,000.00	<input type="checkbox"/>
DSK-002	Standing Desk	8.00	\$449.99	\$3,599.92	3,000.00	<input type="checkbox"/>
HND-001	Hammer - 16oz	30.00	\$19.99	\$599.70	10,000.00	<input type="checkbox"/>
HND-002	Scredriver Set	25.00	\$24.99	\$624.75	8,000.00	<input type="checkbox"/>
HND-003	Tape Measure - 25ft	40.00	\$14.99	\$599.60	15,000.00	<input type="checkbox"/>
NET-001	Network Cable Cat6 - 10ft	200.00	\$8.99	\$1,798.00	50,000.00	<input type="checkbox"/>
NET-002	Wireless Router	25.00	\$129.99	\$3,249.75	10,000.00	<input type="checkbox"/>
NET-003	Network Switch 8-Port	20.00	\$49.99	\$999.80	8,000.00	<input type="checkbox"/>
PAP-001	Copy Paper - Ream	500.00	\$4.99	\$2,495.00	10,000.00	<input type="checkbox"/>
PAP-002	Legal Pad - Pack	100.00	\$12.99	\$1,299.00	25,000.00	<input type="checkbox"/>
PAP-003	Sticky Notes - Pack	150.00	\$6.99	\$1,048.50	40,000.00	<input type="checkbox"/>
PEN-001	Balpen Pen - Box	200.00	\$6.99	\$1,398.00	50,000.00	<input type="checkbox"/>
PEN-002	Permanent Markers - Pack	100.00	\$9.99	\$999.00	25,000.00	<input type="checkbox"/>
PEN-003	Highlighters - Pack	120.00	\$5.99	\$718.80	30,000.00	<input type="checkbox"/>
PEN-004	Wireless Mouse	100.00	\$29.99	\$2,999.00	25,000.00	<input type="checkbox"/>
PEN-005	Mechanical Keyboard	50.00	\$79.99	\$3,999.50	15,000.00	<input type="checkbox"/>

Total: 1,892.00 Total: \$95,926.08

Quick Actions

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

Inventory Categories

- Computers: 49%
- Peripherals: 16%
- Office: 9%
- Networking: 9%
- Desks: 6%
- Paper Products: 5%
- Writing Instruments: 3%
- Power Tools: 3%
- Hand Tools: 2%

User: WARREN Role: Administrator 2026-01-02 12:40:29