

Inventory Management System (IMS)

Efficient Inventory Tracking & Management for Business

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Introduction

- ▶ **Problem Statement:** Inventory challenges like overstocking, understocking, and lack of real-time tracking.
- ▶ **Solution:** IMS addresses these issues with real-time tracking and streamlined processes.

Objectives

- ▶ Streamline inventory processes
- ▶ Enhance accuracy and minimize errors
- ▶ Provide real-time updates on stock levels
- ▶ Support data-driven decision-making

Key Features & Sub-Features

- ▶ **User Roles & Access**
 - ▶ Admin Role: Full control over inventory and system settings.
 - ▶ Clerk Role: Limited access to sales and purchase transactions.
- ▶ **Real-Time Inventory Tracking**
 - ▶ Live Stock Updates: Instant updates after purchases, sales, or returns.
 - ▶ Low Stock Alerts: Automatic update status when stock is low.
- ▶ **Stock Management**
 - ▶ Stock Auditing: Manual or automated stock audits.

Key Features & Sub-Features

► Purchase & Sales Records

- ▶ Purchase Orders: Generate and track purchase orders.
- ▶ Sales Orders: Manage sales, deliveries.
- ▶ Supplier : Maintain detailed records.

► Reports & Analytics

- ▶ Inventory Reports: Track stock levels and movements.
- ▶ Sales & Purchase Reports: Analyze trends and performance.
- ▶ Customizable Dashboards: Display key metrics and insights.

Key Features & Sub-Features

- ▶ **Product Categorization**
 - ▶ Custom Categories: Create and manage product categories.
 - ▶ Advanced Search & Filters: Find products easily.
- ▶ **User-Friendly Interface**
 - ▶ Dashboard Customization: Personalize the dashboard layout.
 - ▶ Search & Navigation: Fast and intuitive search options.
 - ▶ Mobile-Friendly: Responsive design for mobile devices.

Benefits

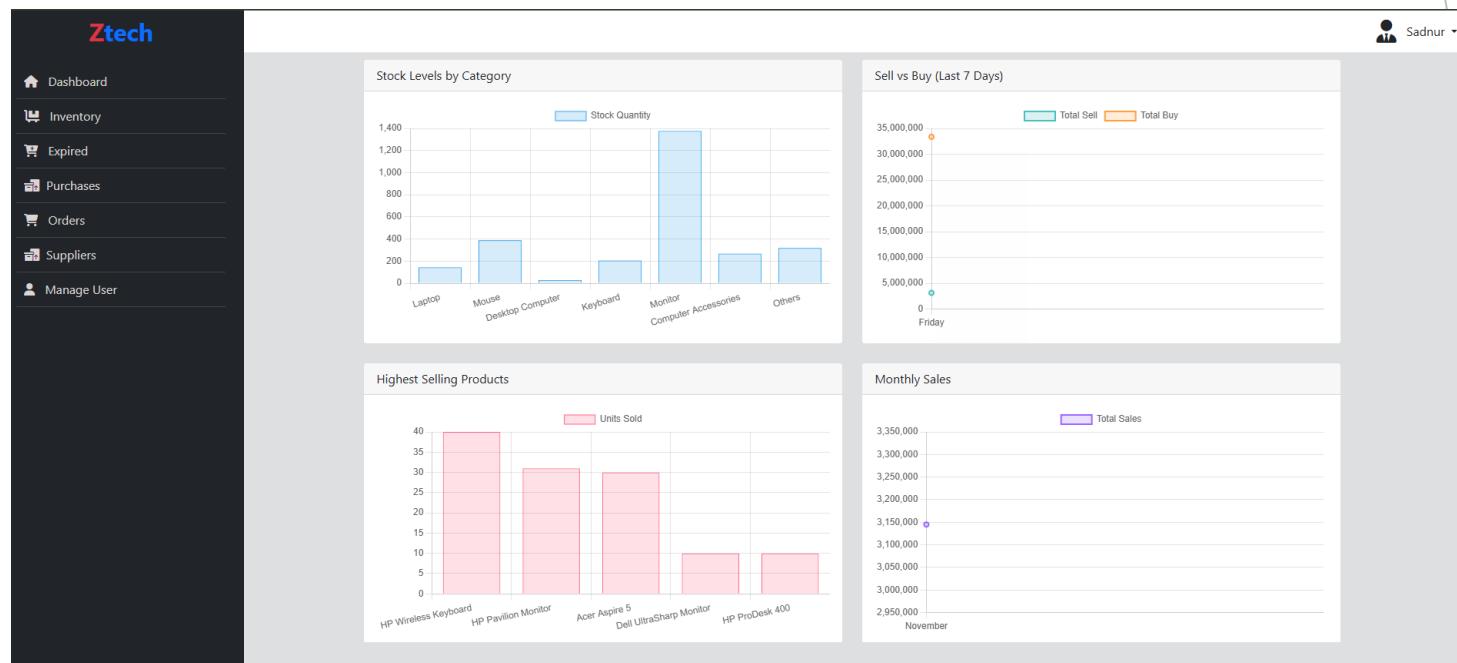
- ▶ **For Businesses:** Save time, reduce manual effort, and prevent losses.
- ▶ **For Users:** Simplified workflows and better decision-making tools.

Technology Stack

- ▶ **Frontend:** Html, CSS, Bootstrap, JS
- ▶ **Backend:** Laravel PHP
- ▶ **Database:** MySQL
- ▶ **Security Features:** Role-based access

Screenshots/Demo

► Dashboard



Screenshots/Demo

► Inventory

Ztech

- Dashboard
- Inventory
- Expired
- Purchases
- Orders
- Suppliers
- Manage User

Inventory

ID	Product Name	Category	Buy Price	Quantity	Warranty	Availability	Actions
#33	Logitech A90	Monitor	400 Tk.	101	2025-01-03	In Stock	
#1	Dell Inspiron 16	Laptop	67000 Tk.	50	2026-03-15	In Stock	
#2	Logitech Wireless Mouse	Mouse	1800 Tk.	120	Expired	In Stock	
#3	HP ProDesk 400	Desktop Computer	58000 Tk.	4	2027-06-22	Low Stock	
#4	Razer BlackWidow Keyboard	Keyboard	8500 Tk.	27	2025-12-05	In Stock	
#5	Acer Aspire 5	Laptop	55000 Tk.	10	2028-09-18	Low Stock	
#6	Dell UltraSharp Monitor	Monitor	18500 Tk.	0	Expired	Out of Stock	
#8	HP Wireless Keyboard	Keyboard	3500 Tk.	10	2025-02-19	Low Stock	
#9	Apple iMac 24"	Desktop Computer	140000 Tk.	10	2027-11-02	Low Stock	
#10	Corsair Gaming Mouse	Mouse	2200 Tk.	100	Expired	In Stock	

Showing 1 to 10 of 30 results

Sadnur

Screenshots/Demo

► Expaired Products

The screenshot shows the Ztech inventory management software interface. On the left is a dark sidebar with navigation links: Dashboard, Inventory, Expired (which is the active tab), Purchases, Orders, Suppliers, and Manage User. The main area has a light gray background. At the top right, there is a user profile icon and the name "Sadrur". Below the header is a search bar with placeholder text "Search product/category/expired.." and a magnifying glass icon. A green button labeled "New Product" is positioned to the right of the search bar. The main content area is titled "Expired" in bold blue text. It contains a table with the following data:

ID	Product Name	Category	Unit Price	Quantity	Warranty	Availability	Actions
#2	Logitech Wireless Mouse	Mouse	1800 Tk.	120	Expired	In Stock	
#6	Dell UltraSharp Monitor	Monitor	18500 Tk.	0	Expired	Out of Stock	
#10	Corsair Gaming Mouse	Mouse	2200 Tk.	100	Expired	In Stock	
#15	Logitech Mechanical Keyboard	Keyboard	4500 Tk.	70	Expired	In Stock	
#17	HP Pavilion	Laptop	75000 Tk.	40	Expired	In Stock	
#21	Logitech K380 Multi-Device Keyboard	Keyboard	3200 Tk.	100	Expired	In Stock	
#25	HyperX Pulsefire Haste Wireless	Mouse	4100 Tk.	90	Expired	In Stock	
#27	TP-Link Range Extender	Others	3200 Tk.	120	Expired	In Stock	
#30	Hp monitor 40"	Monitor	30000 Tk.	1111	Expired	In Stock	

Screenshots/Demo

► Purchases

The screenshot shows the Ztech software interface. On the left is a sidebar with the Ztech logo at the top and navigation links: Dashboard, Inventory, Expired, Purchases, Orders, Suppliers, and Manage User. The main area is titled "Purchases" and contains a table with two rows of purchase data. The table columns are: ID, Product Name, Category, Unit Price, Quantity, Supplier Name, Supplier Phone, Invoice, and Actions. The first row (ID #4) has data: Hp monitor 40", Monitor, 30000 Tk., 1111, Nazmul hasan, 0131297428, and download and export icons. The second row (ID #7) has data: Logitech A90, Monitor, 400 Tk., 101, Logitech, 0162783563478, and download and export icons.

ID	Product Name	Category	Unit Price	Quantity	Supplier Name	Supplier Phone	Invoice	Actions
#4	Hp monitor 40"	Monitor	30000 Tk.	1111	Nazmul hasan	0131297428	download	
#7	Logitech A90	Monitor	400 Tk.	101	Logitech	0162783563478	download	

Screenshots/Demo

► Orders

The screenshot shows the 'Order' page of the Ztech application. The left sidebar contains navigation links for Dashboard, Inventory, Expired, Purchases, Orders, Suppliers, and Manage User. The main content area has a search bar and a 'New Order' button. A table lists five orders with columns: ID, Product Name, Category, Unit Price, Quantity, Customer Name, Contact No., Status, Invoice, and Actions. Each row includes a 'Delivered' status button and download/print icons.

ID	Product Name	Category	Unit Price	Quantity	Customer Name	Contact No.	Status	Invoice	Actions
#10	HP Pavilion Monitor	Monitor	15000 Tk.	31	Nayeem	01580302857	Delivered	download	
#9	HP ProDesk 400	Desktop Computer	60000 Tk.	10	Iqbal	0182387238974	Delivered	download	
#8	HP Wireless Keyboard	Keyboard	5000 Tk.	40	jaohn	01723745782365	Delivered	download	
#7	Acer Aspire 5	Laptop	56000 Tk.	30	hasan	017347857855	Delivered	download	
#6	Dell UltraSharp Monitor	Monitor	20000 Tk.	10	Shawon	0177863478	Delivered	download	

Screenshots/Demo

► Supplier

The screenshot shows the Ztech software interface. On the left is a dark sidebar with the Ztech logo at the top and several menu items: Dashboard, Inventory, Expired, Purchases, Orders, Suppliers (which is currently selected), and Manage User. The main area has a light gray background. At the top right, there is a user profile icon and the name "Sadnur". Below the header is a search bar with the placeholder "Search name/categroy/brand..." and a green "Add Supplier" button. The main content area is titled "Supplier" and contains a table with the following data:

ID	Supplier Name	Supplier Email	Supplier Phone	Category	Brand	Actions
#1	Nazmul Hasan	nazmul7762@gmail.com	0148238557	laptop	acer	
#2	Iqbal Mahbub	ikbal@gmail.com	018457289342	Laptop	Lenovo	
#3	Salman Sazid	salman71826@gmail.com	01982347893	Keyboard	Logitech	
#4	Sadnur Islam	sadnur324@gmail.com	015142367783	Mouce	Havit	
#5	Sumon Ali	swunon234@gmail.com	01567373643	Monitor	Walton	

Screenshots/Demo

► Manage User

The screenshot shows the Ztech software interface. On the left is a dark sidebar with the Ztech logo at the top and several menu items: Dashboard, Inventory, Expired, Purchases, Orders, Suppliers, and Manage User. The Manage User item is currently selected. The main area has a light gray background and features a title bar with "Manage User" and a search bar. Below this is a table with the following data:

ID	Name	Email	Phone	Username	Role	Added_By	Actions
#2	Nazmul Hasan	nazmul7762@gmail.com	01580302857	nazmul	staff	sadnur	
#1	Sadnur Islam	sadnurislam2003@gmail.com	01705851075	sadnur	admin	admin	

Conclusion

- ▶ IMS solves critical inventory challenges.
- ▶ Designed for scalability and adaptability.
- ▶ Empowers businesses with actionable insights.

Questions & Feedback

We'd love to hear your thoughts!