**USER MANUAL FOR INVENTORY & SUPPLIER MANAGEMENT SYSTEM** *(for Cabul-an Glass and Aluminum Supply Business)*

**1. Introduction**

This system efficiently manages **suppliers, employees, customers, orders, and inventory** using MySQL. It provides **CRUD operations** (Create, Read, Update, Delete) for all records.

**2. Dashboard Navigation**

The **Main Dashboard** gives quick access to management pages:

* **Orders Page** → Manage customer purchases.
* **Customers Page** → Handle customer records.
* **Employees Page** → Manage staff details.
* **Suppliers Page** → Track inventory and supplier contacts.

Click a button to open the respective management page.

**3. Supplier Management**

Allows users to **add, update, delete, and contact suppliers**.

**CRUD Operations**

* **Create** → Add supplier details (Name, Address, Contact Info).
* **Read** → View supplier list in the **DataGrid**.
* **Update** → Modify supplier details.
* **Delete** → Remove supplier from the database.
* **Contact Supplier** → Auto-message supplier's contact number for restocking.

**Usage Instructions**

Navigate to the **Supplier Page** via the **Main Dashboard**. Select a supplier from the **DataGrid**. Choose an action: Update, Delete, or Contact.

**4. Employee Management**

Handles employee records efficiently.

**CRUD Operations**

* **Create** → Add new employee (Name, Position, etc.).
* **Read** → View employees in the **DataGrid**.
* **Update** → Edit employee records.
* **Delete** → Remove employee from the database.

**Usage Instructions**

Open the **Employee Page**. 2️⃣ Select an employee from the **DataGrid**. Choose an action (Update or Delete).

**5. Customer Management**

Tracks customer details and purchases.

**CRUD Operations**

* **Create** → Register a new customer.
* **Read** → View customer list in **DataGrid**.
* **Update** → Modify customer details.
* **Delete** → Remove inactive customers.

**Usage Instructions**

Open **Customer Page**. 2️⃣ Select a customer from **DataGrid**. Choose an action (Update or Delete).

**6. Order Management**

Handles customer purchases and stock updates.

**CRUD Operations**

* **Create** → Place an order.
* **Read** → View order list.
* **Update** → Modify existing orders.
* **Delete** → Cancel orders.
* **Process Orders** → Deduct inventory stock automatically.

**Usage Instructions**

Open **Orders Page**. View order list via **Customer ID**. Place **Project Orders (commissions)** or **Order Items (regular orders)**. Modify or process orders as needed.

**Usage Instructions**

Navigate to **Supplier Page**. View stock levels and contact suppliers for **restocking**.

**8. Error Handling & Debugging**

If issues occur, check **Console Output Logs**.

**Common Fixes**

* **Supplier Not Updating?** → Refresh **DataGrid** in LoadSuppliers().
* **Employee Not Deleting?** → Verify database removal in DeleteEmployee().
* **Orders Not Loading?** → Confirm GetOrders() retrieves correct data.

Check logs for detailed error messages.

**9. Future Enhancements**

✔ **Search & Filtering** → Quickly find suppliers, employees, and orders. ✔ **Sorting** → Auto-sort records by name or ID. ✔ **Email Integration** → Contact suppliers directly.

**END OF USER MANUAL**