# **The Lakhas – Ecommerce Web Solution Proposal**

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## **1. Project Overview**

The Lakhas is a local garments business dealing in stitched and unstitched clothing. The proposed ecommerce solution will digitize its sales and tailoring services while also supporting in-store operations like inventory, supplier, and customer management.

The goal is a modern, scalable ecommerce store with admin and worker roles, detailed category/sub-category management, custom tailoring workflows, and full backend stock handling.

## **2. Core Features**

### **2.1 Website Pages**

* **Home**
* **Shop** (category & subcategory drill-downs)
* **About**
* **Contact**
* **FAQs, Terms & Policies**
* **Track Your Order** (public tracker)
* **Size Calculator Page**
  + Standard sizes for Slim / Smart (Jhonum) / Regular fits
* **Custom Suit Tracker**
  + Registered users can track their stitched orders + measurements
* **Login / Signup / Role-based Form Access**
* **Single Product Page**
  + Product details, sizing, reviews, and related products
* **Category Listing Page** (sub-sub-categories supported)
* **Search Results / Cart / Wishlist / Checkout**

### **2.2 Checkout Logic**

* **Payment Methods**
  + Cash on Delivery (COD)
  + Bank Transfer (user uploads payment screenshot)
* **Login Requirement for Checkout?** **Recommended:** Yes. Helps retain user data, order history, reviews, and size tracking  
   **Reason:** Without login, order-specific tailoring or size reference can't be maintained.

## **3. Admin Panel**

### **3.1 Roles & Permissions**

* **Admin (Full Access)**
  + View profits, revenues, reports
  + Manage everything
* **Worker**
  + Manage inventory, customers, orders
  + **Cannot view** reports, profits

### **3.2 Dashboard Stats & Graphs**

Suggested Visuals:

* Daily/Monthly Orders (Stitched vs Unstitched)
* Sales by Category
* Revenue Trend Line
* Inventory Alerts (Low Stock)
* Order Status Pie Chart

## **4. Product & Inventory Management**

### **4.1 Product Types & Flow**

* **Stitched Garments**
  + Stock reduced by 1 per sale
  + Optional size fields at product entry
* **Unstitched Garments**
  + Based on *Thaans* (22.5m per thaan)
  + Each suit = 4.5m reduction
  + Show S, M, L, XL as size options (for cut only)
  + **Note:** 4.5m per suit

### **4.2 Other Products**

* Accessories like caps = 1-to-1 deduction per sale

### **4.3 Product Visibility Logic**

* Only show **checked** products on website
* Hide empty categories automatically

### **4.4 Add Product Panel**

* Multi-image upload
* Required: Name, Category, Price, Type
* Optional: Size fields
* Product Category: Dropdown with images

## **5. Advanced Modules**

### **5.1 Category Manager**

* Admin panel to add:  
  + Category Name
  + Parent (for sub/sub-sub categories)
  + Image
* Frontend renders nested menus with images

### **5.2 Supplier Management**

* Add/View suppliers
* Store:  
  + Purchases (Qty, Date, Rate)
  + Cash/Credit split
  + Remaining balance
  + Last transaction date
* Generate supplier-wise statements

### **5.3 Customer Manager (In-store orders)**

* Fields from provided paper form:  
  + Name, Address, Phone, Email, Neck, Shoulder, Chest, Arms, Cuff, Waist, Length, etc (from shop invoice).
* See full order history with size snapshot per order
* Cash vs Credit summary
* Current balance

## **6. Orders Module**

* Identify source: *Ecommerce* or *In-store*
* Store order-time measurements
* Review by product (only if purchased)
* Support order returns  
  + Sale Returns
  + Purchase Returns

## **7. Reports Section**

### **Reports to be Included**

* Sales Reports (daily, monthly)
* Profit/Loss (admin only)
* Top Customers
* Category-wise Sales
* Supplier-wise Purchases
* Product Stock Report
* Credit Reports (Customers/Suppliers)
* Order Returns Summary
* Expense Reports

**Export:** All reports will support *Export to Excel*.

## **8. Expense Tracker**

* Monthly fixed expenses (Rent, Utilities)
* Worker Salaries
* Additional fields for manual additions

## **9. Invoices**

* Custom printable invoices (for shop and online orders)
* Will match provided invoice format
* These will be editable invoices as well
* Auto-generated from order data

## **10. Other Essentials**

* WhatsApp Floating Button
* Emails  
  + Order Confirmation (User + Admin)
  + Bank Transfer Upload Acknowledgement
  + Return Process Updates
  + Low Stock Notifications
* Password Reset (Admin + Worker)
* Basic Profile Settings (Change Password, Reset Password etc.)

## **11. Technical Stack**

* **Frontend:** Bootstrap, Laravel Blade
* **Backend:** Laravel
* **Database:** MySQL

## **12. Timeline & Cost**

| **Phase** | **Duration** |  |
| --- | --- | --- |
| Design | 1 week |  |
| Frontend Development | 2 weeks |  |
| Backend + Admin Panel | 4 weeks |  |
| Testing & Revisions | 2 week |  |
|  |  |  |
| **Total** | **9 weeks approx.** |  |

### **Cost Estimate:**

**PKR 90,000 – 100,000**