**DBMS PROJECT**

* Database Model
* Database implementation
* Frontend
* Admin actions
* Front end database Integration
* Apply SQL (lab and additional) concepts
* **DATABASE IMPLEMENTATION:**
  + Identify number of tables for each relation
  + Recheck dependency loop
  + Create database in SSMS
  + Insertion of all necessary tables
* **Front End**
  + Home Page
    - Header
      * Search bar
      * Login/sign up
      * Product Categories
      * Cart
      * Wishlist
      * Return & Exchange
    - Offer Sliders
      * Limited edition
      * Featured
      * Coming soon
      * Discount offers
      * New arrivals (promotions)
      * Bundle offer (buy 1 get 1)
      * Seasonal clearance sale
      * Electronics
      * Charity Purchasing
    - Brands Divisions
      * Brands (customer vouchers,offers if required) [Below slider]
    - Home page products partition with shop more buttons
      * Sale items
      * Recommended for you
      * New arrivals
      * Best sellers
    - Footer
      * Get to know us
        + About
        + Contact
        + Terms & Conditions
      * Customer Care
        + Customer support request
        + Feedback
        + Report product issues

#### My Account

* + - * + [Sign in](http://127.0.0.1:5500/index.html#)
        + My Profile
        + My [Cart](http://127.0.0.1:5500/index.html#)
        + [Wishlist](http://127.0.0.1:5500/index.html#)
        + [Track My Order](http://127.0.0.1:5500/index.html#)
      * Follow Us (same as web)
      * Install App (same as web)
      * Payment (same as web)
  + LogIn/Sign Up
    - Login Page
      * Email(phoneNumber)
      * Password
      * Forgot password(link)
      * Login Button
      * Or Login through Google,FB,Sign in as guest
      * Don't have an account? Register(link)
    - Forgot Password Page(copy this page only instead of email write verification code redirect for forgot password and signup)
      * Email
      * Send me Email (button)
      * Don't have an account? Register(link)
    - Sign Up Page
      * Full Name (Must during initial sign up)
      * User Name(Same as full name)
      * User Password(Must during initial sign up)
      * Confirm Password
      * Email (Must during initial sign up or signup by Mobile number and take during order)
      * Create Account button
      * Date of Birth.(Optional Take after initial signup in courage user to complete profile by different strategy)
      * Address (in courage user to complete profile or take must during order)
      * Gender(Optional Take after initial signup in courage user to complete profile for more good results)
      * Or Login through Google,FB,X
      * Already have an account? Login (Link)
  + Product Category (in sab ky pages banygy)
    - Groceries
      * BreakFast & Snacks
      * Food Staples
      * Laundry & households
    - Clothes & Fashion
      * Mens
      * Womens
    - Health & Beauty
      * Skin Care
      * Hair Care
      * Make Up
      * Personal Care
    - Electronics
      * Smart Phones
      * PCs
      * Gaming Consoles
      * Watches
    - Home & Lifestyle
      * Bedding
      * Furniture
      * Lighting
      * Stationary
  + Cart Page
    - Order Summary (Proceed to Checkout button)
    - Selected Items (Drop, quantity setter)
    - Remove Cart
    - Charity link
  + Wishlist Page
    - Selected Item (Drop, Add to Cart, Add all to Cart)
  + Order Page
    - Order summary.(items total, delivery fee,Discount applied, total payment,expected delivery date)
    - Order details(like name, address,email ,phone number editable on textbox)
    - Order items names and description(price,quantity)
  + Payment Central Page:
    - Order Summary only payment amount
    - Payment method selection options(cash on delivery direct)
  + Sub page payment **Credit/Debit Card:**
    - CardType
    - CardNumber
    - ExpiryDate
    - CVV
    - CardHolderName
    - CardPaymentAmount(auto written not changeable by us)
  + Sub page payment **Bank Transfer:**
    - BankName
    - AccountHolderName
    - AccountNumber
    - IBAN
    - CNIC
    - TransferAmount(auto written not changeable by us)
  + Sub page payment **Paypal:**
    - PayPalEmail
    - PayPalTransactionID
    - PayPalAmount(auto written not changeable by us)
  + Sub page payment **Gateway(easypaisa jazzcash):**
    - PaymentGateway
    - Account Number
    - GatewayAmount(auto written not changeable by us)
  + Return & Exchange Page
    - Order Number
    - Product Name with checkBox
    - Issue Type
    - Request Type (Return/Exchange)
    - Description
    - Request Button
  + Customer Support Page(Also show previous request and responses)
    - Request Type
    - Request a support query (Text box)
    - Submit
  + Single Product Description
    - Product Image
    - Product Name
    - Brand Name
    - Product Description
    - Quantity selector
    - Price
    - Discount percentage
    - Discounted Price
    - Add to Wishlist
    - Add to cart
    - Options per category
      * Clothing
        + Colour
        + Size
      * Health & Beauty (no options)
      * Electronics (no options)
      * Home & Lifestyle (no options)
    - Rating
      * Rating Stars (phele yahan tk lazmi baqi additional)
    - Reviews
      * Provide a review (text box)
      * submit
      * Review text
    - FAQs
      * Ask a question? (Text box)
      * Submit
      * Question
      * Answer
    - Services (Product Description ky sath hoga)
      * Jo offer lgi hai woh ayga
      * Warranty yes or no
      * Return policy yes or no
  + All Products Page (searches & categories & shop More by different homepage offers & sliders offers bhi yahein land karengein)
    - Selected category or search text Heading
    - 30 Related Products (Next Page No,new 30 products)
    - Filters and sorting (Additional if time available)
  + My Account Page
    - Profile Page
      * Username
      * Address
      * Phone number
      * Email
      * Gender
      * Date of birth
      * Total points
      * Profile completion %
      * Change Password link (forgot password page pr redirect)
      * Save Changes Button
    - My Orders Page
      * Order Numbers
      * Description Summary
    - Order Tracking
      * Order number
      * Order Status
      * Order Delivery Date
  + About(created website change information)
  + Contact us(created website change information)
  + T&C banayga
    - Ctrl c ctrl v
  + Feedback (only for website)
    - Provide Feedback! (textbox)
    - Submit
    - Other Feedbacks
  + Product Issues:
    - Order Number
    - Product list us order ki aigi copy same as return exchange
    - issueType
    - Description
    - Submit button
    - User ko response show hoga product issue ka with responder name and text
  + Charity Order Page
    - Organization Options
    - Donate (Payment waly page pr redirect krdyga)
  + Order Confirmation Page
    - Order confirmed
    - Shop More button
* ADMIN FRONTEND
  + Admin Login Page (compulsory same as user login)
    - Username
    - Password
    - Login Button
  + Side Bar (compulsory in sab ky pages banygy phir)
    - Admin Profiles(side icon aiga nav main side bar main nhi)
    - Users(list view add admin,delete user)
    - Products (Add product category ki bhi sub category ka drop page banaiga )(sary is k insert update wagaira k sub categories banaingein)
    - Inventory(sary is k insert update wagaira k sub categories banaingein)
    - Data Mining (woh Ideas ky links ayengy iskay page mein jo offers se hat kar hain)
    - Warehouse(sub part of tracking)
    - Collection Center(sub part of tracking)
    - Delivery (sub part of tracking)
    - Customer Orders
    - Offers/Promotions(add new,view, update offer and bundle is also a separate part)
    - Customer Care (ismein sary faqs and support ,Return/Exchange response deny ka aur dekhny ka option hoga)
  + Admin Profiles Page
    - Add Admins Page (Additional)
      * AdminID PRIMARY KEY,
      * UserID (Foreign Key)
      * Role ENUM('SuperAdmin', 'Moderator', 'Support') NOT NULL
      * IsActive BOOLEAN
    - Delete Admin Page (Additional)
      * Admin Id
      * Role
    - Update Admin Page (Additional)
      * AdminID PRIMARY KEY,
      * UserID (Foreign Key)
      * Role ENUM('SuperAdmin', 'Moderator', 'Support') NOT NULL
      * IsActive BOOLEAN
    - View Admins Page (Compulsory)
      * AdminID PRIMARY KEY,
      * UserID (Foreign Key)
      * Role ENUM('SuperAdmin', 'Moderator', 'Support') NOT NULL
      * IsActive BOOLEAN
  + Products Page
    - Insert Product Page
      * Product Name label and input:text
      * Product Description label and textarea
      * Product Manufacturer label and input:text
      * Product Price label and input:number
      * Image label and input:text
      * isActive (boolean) (radio or checkbox)
      * Number Of Points label and input:number
      * Product Category drop down list
      * Size (size boxes button)
      * Colour (colour picker boxer)
      * Inventory Name label and input:text
      * Supplier Name label and input:text
      * Quantity label and input:number
      * Date of Addition label and input:date
      * Expire Date label and input:date
      * Price Per piece label and input:number
      * Add Button
    - Delete Product Page
      * Product ID Drop Down List
      * Product name label and textbox
      * Delete Button
    - Update Product Page
      * Product ID drop down
      * Product Name label and input:text
      * Product Description label and textarea
      * Product Manufacturer label and input:text
      * Product Price label and input:number
      * Image label and input:text
      * isActive (boolean) (radio or checkbox)
      * Number Of Points label and input:number
      * Product Category drop down list
      * Size (size boxes button)
      * Colour (colour picker boxer)
      * Inventory Name label and input:text
      * Quantity label and input:number
      * Date of Addition label and input:date
      * Expire Date label and input:date
      * Price Per piece label and input:number
      * Update Button
    - View Product Page
      * Product ID drop down list
      * Product Name label and textbox
      * Product Description label and textbox
      * Product Manufacturer label and textbox
      * Product Price label and textbox
      * Image label and textbox
      * isActive label and textbox
      * Number Of Points label and textbox
      * Product Category ID textbox
      * Size label and textbox
      * Colour (colour picker boxer)
      * Inventory Name label and textbox
      * Supplier Name label and textbox
      * Quantity label and textbox
      * Date of Addition label and textbox
      * Expire Date label and textbox
      * Price Per piece label and textbox
  + Product category Page
    - Add Category Page
      * Product Category Name Label and Input:text
      * Tax percentage label and input:percentage
      * ReturnPolicyInfo label and textarea
      * WarrantyInfo label and textarea
      * Add Button
    - Update Category Page
      * Product Category ID Drop down list
      * Product Category Name Label and Input:text
      * Tax percentage label and input:percentage
      * ReturnPolicyInfo label and textarea
      * WarrantyInfo label and textarea
      * Update Button
    - Delete Category Page
      * Product Category ID Drop down list
      * Product Category Name Label and textbox
      * Delete Button
    - View Category Page
  + Product SIze Page
    - Add Size Page
      * Size Value label and input:text
      * Add Button
    - Delete Size Page
      * Size Id drop down list
      * Size value label and textbox
      * Delete Button
  + Product Colour Page
    - Add colour Page
      * colour label colour picker box
      * Add Button
    - Delete Size Page
      * Colour Id drop down list
      * Colour label and Color picker box
      * Delete Button
  + Inventory Page
    - Insert Inventory Page
      * Inventory ID Drop Down list
      * warehouse Id Drop Down list
      * Add Button
    - Delete Inventory Page
      * Inventory ID Drop Down List
      * Inventory Name label and text box
      * Delete button
    - Update Product Page
      * Inventory ID Drop Down list
      * warehouse Id drop down list
      * Inventory Name label and input:text
      * Supplier Name label and input:text
      * Quantity label and input:number
      * Date of Addition label and input:date
      * Expire Date label and input:date
      * Price Per piece label and input:number
      * Update Button
    - View Inventory Page ?
  + Data Mining Page
    - Add Charity Partners Page (additional)
      * Partner Name
      * Organisation Location
      * Link Date
    - Delete Charity Partners page (Additional)
      * Partner Id
      * Partner Name
    - View Charity partners Page (compulsory)
      * Partner Id(Primary key)
      * Partner Name
      * Organisation Location
      * Link Date
      * Total Amount Paid for charity
      * Total Amount Due for Charity
    - Roll no 93 gift hampers and lucy draw ideas?
    - Other data mining of #142 & #239?
  + WareHouse Page
    - For Viewing what Orders Have been Received
      * Order ID
      * User ID
      * Final Price
      * Payment Type
      * Customer Name
      * ShippingAddress
      * contact Information
    - For Updation of order status
      * Warehouse ID (Selection List)
      * Order ID (Selection List)
      * Order Status (Radio Button)
      * Location (according to warehouse ID)
      * Return ID (Selection List)
      * Return Status (Radio Button)
  + Collection Centre Page
    - For Viewing what Orders Have been Received
      * Order ID
      * User ID
      * Final Price
      * Payment Type
      * Customer Name
      * ShippingAddress
      * contact Information
    - For Updation of order status
      * Centre ID (Selection List)
      * Order ID (Selection List)
      * Order Status (Radio Button)
      * Return ID (Selection List)
      * Return Status (Radio Button)
  + Delivery Page
    - For Viewing what Orders Have been Received
      * Order ID
      * User ID
      * Final Price
      * Payment Type
      * Customer Name
      * ShippingAddress
      * contact Information
    - For Updation of order status
      * Rider ID (Selection List)
      * Order ID (Selection List)
      * Order Status (Radio Button)
      * Return ID (Selection List)
      * Return Status (Radio Button)
  + Customer Orders Page (Additional)
    - View Orders Page
      * Date select
      * Total Orders Made
      * Order Id
      * Total Users
      * User ID
  + Offers/Promotions Page
    - Expiring Products Page
      * Product ID
      * Product Name
      * Expire Date
      * Quantity
      * Selling Date expected
      * Discount applicable
      * Approve Promotion Button
    - Banned Products Page
      * Product ID (selection List)
      * Product Name
      * Demand Last Month
      * Demand this month
      * Discount Applicable
      * Approve Discount Button
    - Unbanned Products Page
      * Product ID (selection List)
      * Product Name
      * Demand Last Month
      * Demand this month
      * Optional Price Hike
      * Approve Hike Button
    - Seasonal Hike Page
      * Products in current season
      * Demand increased last season
      * Optional Price per product
      * Approve Hike Button
    - #93 Offers ?
  + Offers/Promotions Logistics
    - Offers Track
      * Date Select
      * Offers Applied
      * Success Rate
      * Orders Received
  + Customer Care Page
    - Support Response Page
      * Support Request Query
      * Provide an answer?
      * Response text
      * Submit Button
    - FAQ Response Page (single products ky page pr ayga yeh for admin)
      * FAQ question
      * Provide an answer?
      * Answer text box
      * Submit button
    - Return/exchange Page!!!

Gift hamper and lucky draw ki sirf offer show karwani hai.frontend pr.

Lucky draw participants ka page banayga kaheen or winner.

**(Points for frontend) koi cheez product user wagaira main include nhi kari.**

EACH with SUBCATEGORIES IN IT

User Management:(also include Admin Management)

Product Management:

Order Management:

Support and Customer Care:

Offer and Promotion Management:

General Settings:

Inventory Management:

EXTRA:

Payment Management:

Data Mining waly

* **Add Product**

Product Name label and input:text

Product Description label and textarea

Product Manufacturer label and input:text

Product Price label and input:number

Image label and input:text

isActive (boolean) (radio or checkbox)

Number Of Points label and input:number

Product Category drop down list

Size (size boxes button)

Colour (colour picker boxer)

Inventory Name label and input:text

Quantity label and input:number

Date of Addition label and input:date

Expire Date label and input:date

Price Per piece label and input:number