**Project Database Tables List**

1. **Login+Signup+User Profile Info**
   1. User ID (Uniquely auto generate)(Primary Key)
   2. Full Name (Must during initial sign up)
   3. User Name(Same as full name)
   4. User Password(Must during initial sign up)
   5. Mobile Number (Must during initial sign up or signup by email and take during order)
   6. Email (Must during initial sign up or signup by Mobile number and take during order)
   7. \*Date of Birth.(Optional Take after initial signup in courage user to complete profile by different strategy)
   8. Verification Code(Must match during initial sign up auto generate)
   9. Address (in courage user to complete profile or take must during order)
   10. Gender(Optional Take after initial signup in courage user to complete profile for more good results)
   11. NumberOfPoints
   12. profileCompletionPercent
   13. Created account date(auto generate)
   14. Update account date(auto generate)
2. **User Session Table:**
   1. session\_id (unique auto generate every time)(Primary Key)
   2. user\_id (taken from info profile)(Foreign Key)
   3. session\_token (assign each unique)
   4. last\_activity (auto generated when interaction)Timestamp
3. **Guest User Table:**
   1. Guest User ID: (Primary key).
   2. Session ID(Foreign Key)
   3. Timestamps:
4. **Product information**
   1. Prod\_Id (unique auto generated every time).(Primary Key)
   2. Inventory ID (Foreign Key)
   3. CategoryID(Foreign Key)
   4. Prod\_Name
   5. Prod\_Description
   6. Prod\_manufacturer
   7. Prod\_Price
   8. Image
   9. Quantity
   10. isActive (boolean)
   11. NumberOfPoints
5. **Product Category:**
   1. CategoryID(Primary Key)
   2. Prod\_CategoryName
   3. Tax percentage
   4. ReturnPolicyInfo
   5. WarrantyInfo
6. **TABLE Size:**
   1. SizeId (PRIMARY KEY)
   2. ProductId (FOREIGN KEY)
   3. SizeValue
7. **TABLE Color:**
   1. ColorId (PRIMARY KEY)
   2. ProductId (FOREIGN KEY)
   3. ColorValue
8. -\*-\*--\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-\*-
9. **SHOPPING\_CART:** 
   1. Cart ID (Primary Key)
   2. Session ID (Foreign Key)
   3. Quantity
   4. Per product Total Price
   5. Product ID (Foreign Key)
   6. userID(Foreign Key) if this purpose needed multiple users can share a cart, and users can save carts for later use
10. **Order Info Table:**
    1. Order ID(Primary Key)
    2. User ID (Foreign Key)
    3. Cart ID (Foreign Key)
    4. Final Price
    5. Payment ID (Foreign Key)
    6. Order Date
    7. Order Status {Boolean(Delivery Confirmation )}
    8. DiscountApplied
    9. CityDeliveryFeeID(Foreign Key)
11. **Payment central Table (also a separate table)**
    * 1. PaymentID(Primary Key)
      2. UserID(Foreign Key)
      3. Amount
      4. PaymentDate
      5. PaymentStatus
      6. PaymentMethod
    1. **Paypal payment table**
       1. PayPalPaymentID (Primary Key)
       2. PaymentID (Foreign Key)
       3. PayPalEmail
       4. PayPalAmount
       5. PayPalDate
       6. PayPalStatus
    2. **Gateway payment table(Easypaisa or jazz cash)**
       1. GatewayPaymentID (Primary Key)
       2. PaymentID (Foreign)
       3. PaymentGateway
       4. GatewayAccount Number
       5. GatewayAmount
       6. GatewayDate
       7. GatewayStatus
    3. **Credit/Debit Card Payments**
       1. CardPaymentID (Primary Key)
       2. PaymentID (Foreign)
       3. CardType
       4. CardNumber
       5. ExpiryDate
       6. CVV
       7. CNIC Number
       8. CardHolderName
       9. BillingAddress
       10. CardPaymentAmount
       11. CardPaymentDate
       12. CardPaymentStatus
    4. **BankTransferPayments**
       1. BankTransferID (Primary Key)
       2. PaymentID (Foreign Key)
       3. BankName
       4. AccountHolderName
       5. AccountNumber
       6. IBAN
       7. TransferAmount
       8. TransferDate
       9. TransferStatus
    5. **Cash On Delivery Payments**
       1. CODPaymentID (Primary Key)
       2. PaymentID (Foreign Key)
       3. COD\_Received
       4. COD\_PaidAmount
       5. COD\_PaidDate
       6. COD\_ReceiverName
12. **User Search History**
    1. Search ID(Primary Key)
    2. User ID(Foreign Key)
    3. Search Text
13. **Product Issues Table**
    1. IssueID (Primary Key)
    2. productID(Foreign Key)
    3. OrderID (Foreign Key)
    4. IssueType (e.g., Defective product, Missing item)
    5. Description
    6. Status (e.g., Reported, Resolved)
14. **Return exchange table**
    1. ReturnExchangeID (Primary Key)
    2. ProductID(Foreign Key)
    3. OrderID (Foreign Key)
    4. Exchange&ReturnDate
    5. Type (Return or Exchange)
    6. Status (e.g., Pending, Completed)
    7. description (about the return or exchange)
15. **Customer Support Requests**
    1. RequestID (Primary Key)
    2. UserID (Foreign Key)
    3. RequestType
    4. RequestDate
    5. Status
    6. Description
16. **Support Responses**
    1. ResponseID (Primary Key)
    2. RequestID (foreign key)
    3. ResponderName
    4. ResponseType(**Customer Support or product issue)**
    5. ResponseDate
    6. ResponseText
17. **FAQs(not separate table)**
    1. **FAQs Table**
       1. FAQID (Primary Key)
       2. ProductID(Foreign Key)
       3. Question
    2. **FAQAnswers Table**
       1. AnswerID (Primary Key)
       2. FAQID (Foreign Key)
       3. AnswerText
18. **Wishlists Table**
    1. WishlistID (Primary Key)
    2. UserID (Foreign Key)
    3. ProductID (Foreign Key)
    4. DateAdded
19. **Reviews and rating Table**
    1. ReviewID (Primary Key)
    2. UserID (Foreign Key)
    3. ProductID (Foreign Key)
    4. Rating
    5. ReviewText
    6. ReviewDate
20. **Feedback Table**
    1. FeedbackID (Primary Key)
    2. UserID (Foreign Key)
    3. FeedbackText
    4. FeedbackDate
    5. Rating
21. **Extras:**
    1. **SUPPLIERS**
    2. **SUPPLIER\_PRODUCTS**
22. **Delivery Chain Integration:**
    1. **WAREHOUSE:**
       1. Warehouse ID (Primary Key)
       2. WarehouseName
       3. Order ID(Foreign Key)
       4. Order Status (Received/Dispatched)
       5. Location
       6. Return ID(Foreign Key)
    2. **Collection Center:**
       1. Center ID(Primary Key)
       2. Order ID(Foreign Key)
       3. Order Status (Collected/ In delivery)
       4. Return ID(Foreign Key)
    3. **Delivery:**
       1. Rider ID(Primary Key)
       2. Order ID(Foreign Key)
       3. Customer Name(Deliver person Name)
       4. ShippingAddress(House No,Street No, Block, Area, City )(Deliver person address)
       5. contact Information(Deliver person contact)
       6. Order Status (Delivery Expected, delivered (Paid If C.O.D), Canceled)
       7. Return ID(Foreign Key)
       8. DeliveryType (by default order)
23. **TABLE CityDeliveryFee:**
    1. CityDeliveryFeeID(PRIMARY KEY)
    2. Fee
24. CityName UNIQUE
25. **Inventories**
    1. **Product Inventory**
       1. Inventory ID(Primary Key)
       2. Name
       3. Quantity (+Returned orders-delivered orders)
       4. Supplier Name (Supplier ID)
       5. Date of Addition
       6. Expire Date
       7. warehouse Id(Foreign key)
       8. Price Per piece(cost)
26. **Administration:**
    1. AdminID PRIMARY KEY,
    2. UserID (Foreign Key)
    3. Role ENUM('SuperAdmin', 'Moderator', 'Support') NOT NULL
    4. IsActive BOOLEAN
27. ·**Lucky Draw:**
    * 1. **TABLE LuckyDraw:**
         + 1. draw\_id Primary Key
      2. **TABLE Participant:**
         + 1. participant\_id Primary Key
           2. draw\_id (foreign Key)
           3. order\_id(Foreign Key)
28. **Gift Hampers:**
    1. **TABLE GiftHampers**:
       * 1. hamper\_id Primary key
    2. **TABLE HamperRecipient**
       * 1. recipient\_id Primary Key
         2. hamper\_id (foreign Key)
         3. order\_id(Foreign Key)
29. 1. **Data Mining #98**
30. **EXPIRING DISCOUNTS**
    1. Expire ID (Primary Key)
    2. Inventory Id (Foreign Key)
    3. product offer id (Foreign Key)
    4. Order Id (Foreign Key)
    5. Selling Date
    6. Discounts
    7. Demand inc
    8. New Selling Date
31. **BANNED PRODUCTS**
    1. Banned Product ID (Primary Key)
    2. Inventory ID (Foreign Key)
    3. product offer id(Foreign Key)
    4. Order Id (Foreign Key)
    5. Demand
    6. Discounted
32. **UNBANNED PRODUCTS:**
    1. UnBanned Product ID (Primary Key)
    2. Inventory ID (Foreign Key)
    3. product offer id (Foreign Key)
    4. Order Id (Foreign Key)
    5. Demand
    6. Hiked Price
33. **Seasonal Hikes**
    1. Season ID (Primary Key)
    2. Inventory ID (Foreign Key)
    3. product offer id (Foreign Key)
    4. Order Id (Foreign Key)
    5. Demand
    6. Hiked Price
34. **Sale Optimization**
    1. Sale ID (Primary Key)
    2. product offer id (Foreign Key)
    3. Inventory ID (Foreign Key)
    4. Success rate
35. **Charity Connections**
    1. **Charity Partners**
       1. Partner Id(Primary key)
       2. Partner Name
       3. Organization Location
       4. Link Date
       5. Total Amount Paid for charity
       6. Total Amount Due for Charity
    2. **Charitable Purchase Donations**
       * 1. Donated ID (Primary Key)
         2. Product ID (Foreign Key)
         3. Partner ID (Foreign Key)
         4. Cart ID (Foreign Key)
    3. **Charity On products**
       1. Char\_per\_Pro ID (Primary Key)
       2. Product ID (Foreign Key)
       3. Partner ID (Foreign Key)
       4. Cart ID (Foreign Key)
       5. Profit per piece
       6. Donation per piece
       7. Demand increased
36. **Customer Interests**
    1. Cust\_Int\_ID (Primary Key)
    2. UserID (Foreign Key)
    3. Order ID (foreign Key)
    4. Product Category
    5. Product Price

**Roll#93 needed tables:**

**InteractionTable:**

enough for relationship model more attributes i add in it in future not any multivalued attribute

**Bundle Table:**

* bundleID(PK)
* productID(foreign Key)
* offerID(foreign Key)

This is enough for relationship model more attributes i add in it in future not any multivalued attribute

**WebsiteTraffic:(x)**

* VisitID (Primary Key)
* Timestamp
* PageURL
* UserID (Foreign Key)
* SourceName (e.g., Direct, Organic Search, Referral, etc.)
* PlatformName (e.g., Desktop, Mobile, Tablet, etc.)
* ConversionType (e.g., Purchase, Signup, etc.)
* ConversionValue

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

**SeasonalTrends:**

· SeasonalTrendID (Primary Key)

· ProductID (Foreign Key)

**SalesTrends:**

· SalesTrendID (Primary Key)

· ProductID (Foreign Key)

* **TABLE Referrals**

ReferralID INT PRIMARY KEY

ReferrerUserID INT(foreign Key)

* **SEASONAL Products:**
  + **SeasonalProductID(primary key)**
  + **ProductID(Foreign Key)**
  + **SeasonStart**
  + **SeasonEnd**
  + **Description**
  + **IsActive**
  + **CreatedAt**

Done!!

**Relationships:**

1. A user can have multiple user sessions.(1 to many). (user total - user sessional partial)
2. Many products will have Many inventory (Many to Many) (product total - inventory partial)
3. Multiple Products will belong to a specific product category (many to 1)(Product Total - Category Partial )
4. Many product can have multiple Sizes (many to many) (Product Partial - size Total)
5. Many product can have multiple Colors (many to many) (Product Partial - Color Total)
6. Each User session can have multiple carts (one to many)(User Session Partial - Cart Total)
7. Multiple carts can have multiple products (many to many)( Cart Total - Product Partial)
8. Many users can place Multiple Orders (Many to many).(Order Total- User Partial)otherwise one to many if this purpose needed multiple users can share a cart
9. A cart will have many order (1 to Many) (Cart Partial - Order Total)
10. Each order will have a unique payment (1 to 1) (Order Total - Payment Total)
11. Many order will have a unique City Delivery Fee (many to one) (Order Total - City Delivery Fee Total)
12. Many user can buy multiple products (Many to many) (User Partial - Product Partial)
13. A payment will have a PayPal (1 to 1) (Payment Partial - Paypal Total)
14. A payment will have a gateway (1 to 1) (Payment Partial - Gateway Total)
15. A payment will have a mobile wallet (1 to 1) (Payment Partial - Mobile Wallet Total)
16. A payment will have a credit/debit payment (1 to 1)(Payment Partial - Credit/debit Total)
17. A payment will have a bank transfer (1 to 1) (Payment Partial -Bank Transfer Total)
18. A payment will have a C.O.D (1 to 1) (Payment Partial - COD Total)
19. Many Product Issue will be associated with Many product (Many to Many) (Product Issue Total - Product Partial)
20. Many Order can have multiple product issues (many to many) (Order Partial - Product Issue Total)
21. Each User can have Multiple searches (1 to many) (User Partial - Search total )
22. One Order can have multiple Return/exchange req (1 to many) (Order Partial - Return/exchange Total)
23. Many Product will have Many Return/exchange req (Many to Many) (Product Partial - Return/exchange Total)
24. Each user can request multiple customer support req (1 to many) (user Partial - Support Req Total)
25. Each Customer support req can have multiple support responses (1 to many) (Customer Support Req partial - Support Response Total)
26. Each FAQ can have multiple answers (1 to many) (FAQ Partial - Answer Total)
27. Each user can have multiple wishlists (1 to many) (User Partial - wish list Total)
28. many wishlist can have multiple products ( many to many) (wishlist Total - Product Partial)
29. Each user can provide multiple reviews (1 to many) (user Partial - Reviews Total)
30. Each product can have multiple reviews (1 to many) (Product Partial- Review Total)
31. Each user can provide multiple feedbacks (1 to many) ( User Partial - Feedback Total)
32. Multiple Product Offer will have multiple offer type (many to many) (Product Offer Total - Offer Type Total)
33. Many Product can have multiple ProductOffers (many to many) (Product Partial - Product Offer Total)
34. each orders can belong to multiple customer offers orders (1 to many) (Order Partial - customer Offer Total)
35. Multiple Productoffers can belong to multiple customer offers orders (many to many) (Product Offer Partial - customer Offer order Total)
36. Many warehouse will have multiple orders (1 to many) (warehouse Partial - Order total)
37. Each collection center will have multiple orders (1 to many) (Collection Center Partial - Order total)
38. Each Delivery will have multiple orders (1 to many) (Delivery Total- Order total)
39. Each Delivery will have multiple ReturnExchange (1 to many) (Delivery partial - Return/Exchange Total)
40. Each warehouse will have multiple ReturnExchange (1 to many) (warehouse partial - Return/Exchange Total)
41. Each collectionCenter will have multiple ReturnExchange (1 to many) (Collection Center partial - Return/Exchange Total)
42. Multiple Inventories can be associated with many warehouse (many to many) (Inventory Total - warehouse Total)
43. Each admin can be associated with a unique user (1 to 1) (admin Total - User Partial)
44. Many expiring product is associated with multiple inventories (many to many) (Expiring Total - Inventory Partial)
45. One Expiring product can be associated with One product offer (1 to 1) (Expiring Product Total - Product Offer Partial)
46. Multiple Expiring Products can be associated with multiple Orders (many to many) (Expiring Product Partial Order Total)
47. Many banned product is associated with multiple inventories (many to many) (Banned Total - Inventory Partial)
48. One Banned Product can be associated with One product offer (1 to 1) ( Banned Product Total - Product Offer Partial)
49. Multiple Banned Products can be associated with multiple Orders (many to many) (Banned Product Partial Order Total)
50. Many unbanned product is associated with multiple inventories (many to many) (Unbanned Total - Inventory Partial)
51. One Unbanned Product can be associated with One product offer (1 to 1) ( Unbanned Product Total - Product Offer Partial)
52. Multiple Unbanned Products can be associated with multiple Orders (many to many) (Unbanned Product Partial Order Total)
53. Many Seasonal hike product is associated with multiple inventories (many to many) (Seasonal Hike Total - Inventory Partial)
54. One Seasonal Hike Product can be associated with One product offer (1 to 1) (Seasonal Hike Product Total - Product Offer Partial)
55. Multiple Seasonal Hike Products can be associated with multiple Orders (many to many) (Seasonal Hike Product Partial Order Total)
56. Many Sale Product is associated with multiple inventories (many to many) (Sale product Total - Inventory Partial)
57. One Sale Product can be associated with One product offer (1 to 1) (Sale Hike Product Total - Product Offer Total)
58. Many Charity Purchase will have multiple partners (many to many) (Charity Purchase Total - partner Partial )
59. Many product will have multiple charities (many to many) (Product Partial - Charity Total)
60. Each charity will have multiple carts ( 1 to many) (charity total - Cart Partial)
61. Many Charity on purchase will have multiple partners (many to many) (Charity on Purchase Total - Partner Partial)
62. Many Product will have multiple charities on purchase (many to many) (Charity on Purchase Total - Product Partial)
63. Each charity purchase will have multiple carts ( 1 to many) (Charity on purchase Total - cart Partial)
64. Many customer interest will have multiple orders ( many to many) Customer interest Total - Order Partial)
65. Yeh ajj add kia hai iska relationship check krna hai
66. Many User can perform multiple Interactions (many to many) User Partial - Interaction Total)
67. Many product can have multiple interactions (many to many) Product Partial - Interaction Total)
68. Multiple bundle can have multiple products (many to many) (Bundle total - Product Partial)
69. Each user will have multiple website traffic (1 to many) (User Partial - web traffic total)
70. one lucky Draws will have multiple participants (one to many) (lucy Draw Total - Participant Total)
71. Multiple order is associated with multiple lucky draw participants(M to M) (lucky draw total - Order Partial)
72. Multiple Gift Hamper will have one hamperReceipients(many to one) (Gift Hamper total - Recipient Partial)
73. one bundle have one Product Offer(1 to 1)(bundle Total,ProductOffer Partial)
74. Multiple Gift Hamper is associated with one orders (many to one) (gift Hamper Total - Order partial)
75. Many seasonal trend will have multiple products (many to many) (Seasonal trend Total - Product Partial)
76. Many Sales trend will have multiple products (many to many) (Sales Trend Total - product Partial)
77. Each user can send multiple referrals (1 to many) (User Partial - referral Total)
78. Each seasonal product will have one products (1 to 1) (Seasonal Product Total - product Partial)
79. Many FAQ asked for one product(many to 1)(FAQ:total,product:partial
80. One guest have many session(1 to many)(guest:total,session:partial)

\*\*Many to Many us table ki primary key or wo wali foreign key jo table k sath relation banarahi wo foreign key us table sy hat jaigi or alg table main aingi yeh dono key as a foreign key\*\*

customerOffers Order waly #98 k datamining k sary check karny k q liya huwa

<https://shopo.quomodothemes.website/home-three>

<https://www.buymeacoffee.com/tech2etc/extras>

//1. tables 2 foreign key user session , A user can have multiple user sessions.(1 to many). (user total - user sessional partial)

//2. Tables 3, JUNCTION TABLE , Many products will have Many inventory (Many to Many) (product total - inventory partial)

//3. Tables 2, foreign key products , Multiple Products will belong to a specific product category (many to 1)(Product Total - Category Partial )

//4. Tables 3, JUNCTION TABLE , Many product can have multiple Sizes (many to many) (Product Partial - size Total)

//5. Tables 3, JUNCTION TABLE , Many product can have multiple Colors (many to many) (Product Partial - Color Total)

//6. Tables 2, FOREIGN KEY Carts , Each User session can have multiple carts (one to many)(User Session Partial - Cart Total)

//7. Tables 3, JUNCTION TABLE , Multiple carts can have multiple products (many to many)( Cart Total - Product Partial)

//8. Tables 3, JUNCTION TABLE , Many users can place Multiple Orders (Many to many).(Order Total- User Partial)otherwise one to many if this purpose needed multiple users can share a cart

//9. Tables 2, FOREIGN KEY order , A cart will have many order (1 to Many) (Cart Partial - Order Total)

//10. Tables 2, FOREIGN KEY any side , Each order will have a unique payment (1 to 1) (Order Total - Payment Total)

11. Tables 2, FOREIGN KEY order side , Many order will have a unique City Delivery Fee (many to one) (Order Total - City Delivery Fee Total)

12. Tables 3, JUNCTION TABLE , Many user can buy multiple products (Many to many) (User Partial - Product Partial)

13. Tables 2, FOREIGN KEY any side , A payment will have a PayPal (1 to 1) (Payment Partial - Paypal Total)

14. Tables 2, FOREIGN KEY any Side , A payment will have a gateway (1 to 1) (Payment Partial - Gateway Total)

15. Tables 2, FOREIGN KEY any Side , A payment will have a mobile wallet (1 to 1) (Payment Partial - Mobile Wallet Total)

16. Tables 2, FOREIGN KEY any Side , A payment will have a credit/debit payment (1 to 1)(Payment Partial - Credit/debit Total)

17. Tables 2, FOREIGN KEY any Side , A payment will have a bank transfer (1 to 1) (Payment Partial - Bank Transfer Total)

18. Tables 2, FOREIGN KEY any Side , A payment will have a C.O.D (1 to 1) (Payment Partial - COD Total)

19. Tables 3, JUNCTION TABLE , Many Product Issue will be associated with Many product (Many to Many) (Product Issue Total - Product Partial)

20. Tables 3, JUNCTION TABLE , Many Order can have multiple product issues (many to many) (Order Partial - Product Issue Total)

21. Tables 2, FOREIGN KEY searches , Each User can have Multiple searches (1 to many) (User Partial - Search total )

22. Tables 2, FOREIGN KEY return exchange , One Order can have multiple Return/exchange req (1 to many) (Order Partial - Return/exchange Total)

23. Tables 3, JUNCTION TABLE , Many Product will have Many Return/exchange req (Many to Many) (Product Partial - Return/exchange Total)

24. Tables 2, FOREIGN KEY customer support , Each user can request multiple customer support req (1 to many) (user Partial - Support Req Total)

25. Tables 2, FOREIGN KEY Support response , Each Customer support req can have multiple support responses (1 to many) (Customer Support Req partial - Support Response Total)

26. Tables 2, FOREIGN KEY FAQ answers , Each FAQ can have multiple answers (1 to many) (FAQ Partial - Answer Total)

27. Tables 2, FOREIGN KEY wishlist , Each user can have multiple wishlists (1 to many) (User Partial - wish list Total)

28. Tables 3, JUNCTION TABLE , many wishlist can have multiple products ( many to many) (wishlist Total - Product Partial)

29. Tables 2, FOREIGN KEY reviews , Each user can provide multiple reviews (1 to many) (user Partial - Reviews Total)

30. Tables 2, FOREIGN KEY reviews , Each product can have multiple reviews (1 to many) (Product Partial- Review Total)

31. Tables 2, FOREIGN KEY feedback , Each user can provide multiple feedbacks (1 to many) ( User Partial - Feedback Total)

32. Tables 3, JUNCTION TABLE , Multiple Product Offer will have multiple offer type (many to many) (Product Offer Total - Offer Type Total)

33. Tables 3, JUNCTION TABLE , Many Product can have multiple ProductOffers (many to many) (Product Partial - Product Offer Total)

34. Tables 2, FOREIGN KEY customer offers order , each orders can belong to multiple customer offers orders (1 to many) (Order Partial - customer Offer Total)

35. Tables 3 , JUNCTION TABLE , Multiple Productoffers can belong to multiple customer offers orders (many to many) (Product Offer Partial - customer Offer order Total)

36. Tables2, FOREIGN KEY orders , Many warehouse will have multiple orders (1 to many) (warehouse Partial - Order total)

37. Tables 2, FOREIGN KEY orders , Each collection center will have multiple orders (1 to many) (Collection Center Partial - Order total)

38. Tables 2, FOREIGN KEY Orders , Each Delivery will have multiple orders (1 to many) (Delivery Total- Order total)

39. Tables 2, FOREIGN KEY Return/exchange , Each Delivery will have multiple ReturnExchange (1 to many) (Delivery partial - Return/Exchange Total)

40. Tables 2, FOREIGN KEY Return/exchange , Each warehouse will have multiple ReturnExchange (1 to many) (warehouse partial - Return/Exchange Total)

41. Tables 2, FOREIGN KEY Return/exchange , Each collectionCenter will have multiple ReturnExchange (1 to many) (Collection Center partial - Return/Exchange Total)

42. Tables 3, JUNCTION TABLE , Multiple Inventories can be associated with many warehouse (many to many) (Inventory Total - warehouse Total)

43. Tables 2, FOREIGN KEY any side , Each admin can be associated with a unique user (1 to 1) (admin Total - User Partial)

44. Tables 3, Junction table , Many expiring product is associated with multiple inventories (many to many) (Expiring Total - Inventory Partial)

45. Tables 2, FOREIGN KEY any side , One Expiring product can be associated with One product offer (1 to 1) (Expiring Product Total - Product Offer Partial)

46. Tables 3, JUNCTION TABLE , Multiple Expiring Products can be associated with multiple Orders (many to many) (Expiring Product Partial Order Total)

47. Tables 3, JUNCTION TABLE , Many banned product is associated with multiple inventories (many to many) (Banned Total - Inventory Partial)

48. Tables 2, FOREIGN KEY any side , One Banned Product can be associated with One product offer (1 to 1) ( Banned Product Total - Product Offer Partial)

49. Tables 3, JUNCTION TABLE , Multiple Banned Products can be associated with multiple Orders (many to many) (Banned Product Partial Order Total)

50. Tables 3, JUNCTION TABLE , Many unbanned product is associated with multiple inventories (many to many) (Unbanned Total - Inventory Partial)

51. Tables 2, FOREIGN KEY any side , One Unbanned Product can be associated with One product offer (1 to 1) ( Unbanned Product Total - Product Offer Partial)

52. Tables 3, JUNCTION TABLE , Multiple Unbanned Products can be associated with multiple Orders (many to many) (Unbanned Product Partial Order Total)

53. Tables 3, JUNCTION TABLE , Many Seasonal hike product is associated with multiple inventories (many to many) (Seasonal Hike Total - Inventory Partial)

54. Tables 2, FOREIGN KEY any side , One Seasonal Hike Product can be associated with One product offer (1 to 1) (Seasonal Hike Product Total - Product Offer Partial)

55. Tables 3, JUNCTION TABLE , Multiple Seasonal Hike Products can be associated with multiple Orders (many to many) (Seasonal Hike Product Partial Order Total)

56. Tables 3, JUNCTION TABLE , Many Sale Product is associated with multiple inventories (many to many) (Sale product Total - Inventory Partial)

57. Tables 2, Foreign key any side , One Sale Product can be associated with One product offer (1 to 1) (Sale Hike Product Total - Product Offer Total)

58. Tables 3, JUNCTION TABLE , Many Charity Purchase will have multiple partners (many to many) (Charity Purchase Total - partner Partial )

59. Tables 3, JUNCTION TABLE , Many product will have multiple charities (many to many) (Product Partial - Charity Total)

60. Tables 2, FOREIGN KEY cart , Each charity will have multiple carts ( 1 to many) (charity total - Cart Partial)

61. Tables 3, JUNCTION TABLE , Many Charity on purchase will have multiple partners (many to many) (Charity on Purchase Total - Partner Partial)

62. Tables 3, JUNCTION TABLE , Many Product will have multiple charities on purchase (many to many) (Charity on Purchase Total - Product Partial)

63. Tables 2, FOREIGN KEY carts , Each charity purchase will have multiple carts ( 1 to many) (Charity on purchase Total - cart Partial)

64. Tables 3, JUNCTION TABLE , Many customer interest will have multiple orders ( many to many) Customer interest Total - Order Partial)

65. Tables 3, JUNCTION TABLE , Many User can perform multiple Interactions (many to many) User Partial - Interaction Total)

66. Tables 3, JUNCTION TABLE , Many product can have multiple interactions (many to many) Product Partial - Interaction Total)

67. Tables 3, JUNCTION TABLE , Multiple bundle can have multiple products (many to many) (Bundle total - Product Partial)

68. Tables 2, FOREIGN KEY website traffic , Each user will have multiple website traffic (1 to many) (User Partial - web traffic total)

69. Tables 2, Participants , one lucky Draws will have multiple participants (one to many) (lucy Draw Total - Participant Total)

70. Tables 3, JUNCTION TABLE , Multiple order is associated with multiple lucky draw participants(M to M) (lucky draw total - Order Partial)

71. Tables 2, Foreign key gift hamper , Multiple Gift Hamper will have one hamperReceipients(many to one) (Gift Hamper total - Recipient Partial)

72. Tables 2, FOREIGN KEY any side , one bundle have one Product Offer(1 to 1)(bundle Total,ProductOffer Partial)

73. Tables 2, Foreign key gift hamper , Multiple Gift Hamper is associated with one orders (many to one) (gift Hamper Total - Order partial)

74. Tables 3, JUNCTION TABLE , Many seasonal trend will have multiple products (many to many) (Seasonal trend Total - Product Partial)

75. Tables 3, JUNCTION TABLE , Many Sales trend will have multiple products (many to many) (Sales Trend Total - product Partial)

76. Tables 2, FOREIGN KEY referrals , Each user can send multiple referrals (1 to many) (User Partial - referral Total)

77. Tables 2, FOREIGN KEY any side , Each seasonal product will have one products (1 to 1) (Seasonal Product Total - product Partial)

78. Tables 2, FOREIGN KEY FAQ , Many FAQ asked for one product(many to 1)(FAQ:total,product:partial)

79. Tables 2, FOREIGN KEY session , One guest have many session(1 to many)(guest:total,session:partial)

Add User:

* + Full Name label with input:text
  + User Password label with input:password
  + Confirm Password label with input:password
  + Mobile Number or Email label with input:text
  + Date of Birth(Optional) label with input:date
  + Address(optional) label with input:text
  + Gender label with dropdown select

Add admin:(email or password must match at least one userProfiles)

* Email or Phone Number label with input:text
* Password label with input:password
* Role of admin label with dropdown select(Administrator, Product Manager, Order Manager, Customer Support, Content Manager, Marketing manager, Finance manager)

Add inventory:

* Quantity (+Returned orders-delivered orders)
* Supplier Name (Supplier ID)
* Expire Date label with input:date
* warehouse Name label with dropdown select
* Price Per piece(cost) label with input:number

Add Order:(not admin only users)

Add Product:(done)

Add category:(done)

Add New Offer:

* + Offer Name label with input:text
  + Offer Description label with input:text
  + Offer Start Date label with input:date
  + Offer End Date label with input:date
  + Discount Percentage label with input:number starts from step=0.01 min=0 to max=100
  + Offer Details label with textarea

Add New Product to Existing Offer:(offertype name hai offer name only active offers aingi)

* + Offer Name label with dropdown select
  + Product Name label with dropdown select
  + Offer Price
  + OfferDescription

* User
  + Register User
* Order
  + Order update
* Product
  + Add product
* Inventory
  + Add Inventory
* Offer
  + Add Product to offer
  + Add new Offer
* Admin
  + Register Admin
* Customer Care

Offer approved by admin as request

Different stats for admin

>admin approve cancel order if needed.

Notifications maybe

View detail products:

* Product Name
* Product description