

AgroFlora

Normalization

Attributes:

(Admin_ID, Admin_Username, Admin_password, Admin_fname, Admin_lname, Admin_email, Admin_CNIC, Cust_ID, Cust_Username, Cust_password, Cust_fname, Cust_lname, Cust_email, Cust_Address, Cust_contact, Cust_DOB, Retailer_ID, Retailer_Username, Retailer_password, Retailer_name, Retailer_NTN, Retailer_Address, Retailer_contact, ProductID, Product_name, Price, CategoryID, Stock, Description, DateAdded, Status, Category_name, Score, Review, PurchaseID, Quantity, Date, PaymentTypeID, PaymentType_name)

Dependencies:

- Admin_ID → Admin_Username, Admin_password, Admin_fname, Admin_lname, Admin_email, Admin_CNIC
- Admin_username → Admin_ID
- Cust_ID → Cust_Username, Cust_password, Cust_fname, Cust_lname, Cust_email, Cust_Address, Cust_contact, Cust_DOB
- Cust_Username → Cust_ID
- Retailer_ID → Retailer_Username, Retailer_password, Retailer_name, Retailer_NTN, Retailer_Address, Retailer_contact
- Retailer_Username → Retailer_ID
- ProductID → Product_name, Price, CategoryID, Stock, Description, DateAdded, Status, Category_ID
- Category_ID → Category_name
- ProductID, CustomerID → Score, Review
- PurchaseID → Cust_ID, Product_ID, Quantity, Date, PaymentTypeID
- PaymentTypeID → PaymentType_Name

Decomposition:

1. (Admin_ID, Admin_Username, Admin_password, Admin_fname, Admin_lname, Admin_email, Admin_CNIC)
2. (Cust_ID, Cust_Username, Cust_password, Cust_fname, Cust_lname, Cust_email, Cust_Address, Cust_contact, Cust_DOB)
3. (Retailer_ID, Retailer_Username, Retailer_password, Retailer_name, Retailer_NTN, Retailer_Address, Retailer_contact)
4. (ProductID, Product_name, Price, CategoryID, Stock, Description, DateAdded, Status, Category_ID)

5. (Category_ID,Category_name)
6. (ProductID,CustomerID,Score,Review)
7. (PurchaseID,Cust_ID,Product_ID,Quantity,Date,PaymentTypeID)
8. (PaymentTypeID,PaymentType_Name)