INVENTORY MANAGEMENT SYSTEM

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Welcome to our Inventory Management System!

Our user-friendly project simplifies inventory management for businesses, ensuring efficiency and easy tracking.

Track Products: Easily see what items you have in stock.

Monitor Suppliers: Keep supplier details handy for easy reordering.

We're dedicated to supporting your needs and ensuring your business thrives. Thanks for choosing our Inventory Management System!

3 STRUCTURES

01

USER

This Structure contains user_name,contact & password

02

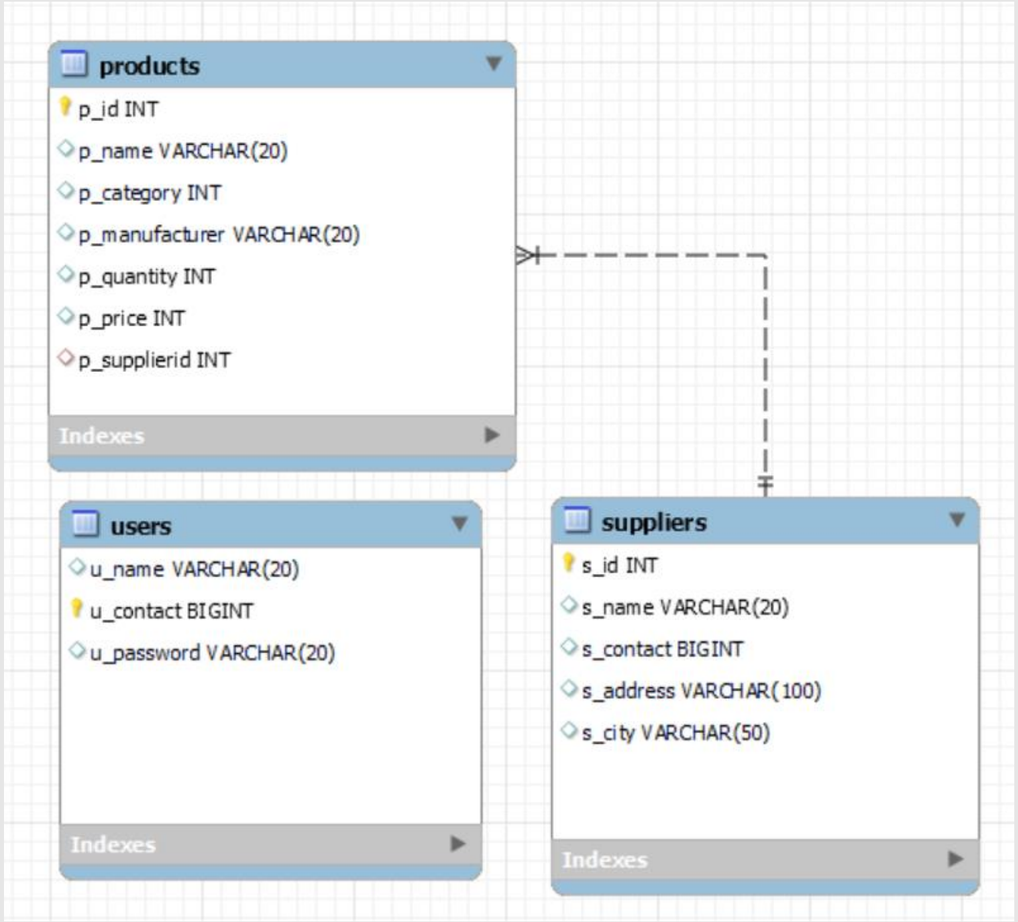
PRODUCT

This Structure contains product id,name,category, manufecturer,quantiy, price,supplier_id (from SUPPLIER strurcture)

03

SUPPLIER

This Structure contains supplier id,name,contact, address,city


products
p_id INT
p_name VARCHAR(20)
p_category INT
p_manufacturer VARCHAR(20)
p_quantity INT
p_price INT
p_supplierid INT
Indexes
users
u_name VARCHAR(20)
u_contact BIGINT
u_password VARCHAR(20)
Indexes
suppliers
s_id INT
s_name VARCHAR(20)
s_contact BIGINT
s_address VARCHAR(100)
s_city VARCHAR(50)
Indexes

E-R MODEL

USER DEFINE FUNCTIONS

- void signup();
- void input_product();
- void input_supplier();
- void print_product();
- void print_supplier();
- void advanced_p_name_search();
- void advanced manufacturer_search();
- void p_quantity_search();
- void p_price_search();

USER DEFINE FUNCTIONS

- int check_product_id(int)
- int check_supplier_id(int)
- int check_supplier_contact(long long int);
- int check_p_category(int)
- int check_p_category_and_price(int)
- int check_s_contact(long long int)
- int check_product();
- void advanced_s_name_search();
- void advanced_s_city_search();

USER DEFINE FUNCTIONS

- void short_p_name_asending();
- void short_p_name_desending();
- void short_s_name_asending();
- void short_s_name_desending();
- void short_P_price_asending();
- void short_P_price_desending();
- void short_p_quntity_asending();
- void short_p_quntity_desending();

USER DEFINE FUNCTIONS

- void delete_p_row_product();
- void delete_p_row_supplier();
- void delete_s_id_supplier();
- void update_p_quantity();
- void update_p_price();
- void update_p_name();
- void update_s_name();

Demonstration

THANK YOU