E-Commerce Database Schema

login_tb

log_id: INT PRIMARY KEY, AUTO_INCREMENT

username: VARCHAR(50) NOT NULL

password: VARCHAR(50) NOT NULL

role: ENUM('admin', 'user') NOT NULL

status: ENUM('active', 'inactive') NOT NULL

admin_reg_tb

admin_id: INT PRIMARY KEY, AUTO_INCREMENT

first_name: VARCHAR(50) NOT NULL

last_name: VARCHAR(50) NOT NULL

phone_number: VARCHAR(15) NOT NULL

email_id: VARCHAR(100) NOT NULL

address: TEXT

city: VARCHAR(50)

state: VARCHAR(50)

pincode: VARCHAR(10)

log_id: INT FOREIGN KEY REFERENCES login_tb(log_id)

user_reg_tb

user_id: INT PRIMARY KEY, AUTO_INCREMENT

first_name: VARCHAR(50) NOT NULL

last_name: VARCHAR(50) NOT NULL

phone_number: VARCHAR(15) NOT NULL

email_id: VARCHAR(100) NOT NULL

address: TEXT

city: VARCHAR(50)

state: VARCHAR(50)

pincode: VARCHAR(10)

log_id: INT FOREIGN KEY REFERENCES login_tb(log_id)

category_tb

category_id: INT PRIMARY KEY, AUTO_INCREMENT

category_name: VARCHAR(50) NOT NULL

product_tb

product_id: INT PRIMARY KEY, AUTO_INCREMENT

product_name: VARCHAR(100) NOT NULL

description: TEXT

price: DECIMAL(10, 2) NOT NULL

stock: INT NOT NULL

category_id: INT FOREIGN KEY REFERENCES category_tb(category_id)

cart_tb

cart_id: INT PRIMARY KEY, AUTO_INCREMENT

user_id: INT FOREIGN KEY REFERENCES user_reg_tb(user_id)

product_id: INT FOREIGN KEY REFERENCES product_tb(product_id)

quantity: INT NOT NULL

E-Commerce Database Schema

order_tb

order_id: INT PRIMARY KEY, AUTO_INCREMENT

user_id: INT FOREIGN KEY REFERENCES user_reg_tb(user_id)

order_date: DATETIME NOT NULL

status: ENUM('pending', 'shipped', 'delivered', 'cancelled') NOT NULL

order_details_tb

order_details_id: INT PRIMARY KEY, AUTO_INCREMENT

order_id: INT FOREIGN KEY REFERENCES order_tb(order_id)

product_id: INT FOREIGN KEY REFERENCES product_tb(product_id)

quantity: INT NOT NULL

price: DECIMAL(10, 2) NOT NULL

bill_tb

bill_id: INT PRIMARY KEY, AUTO_INCREMENT

order_id: INT FOREIGN KEY REFERENCES order_tb(order_id)

total_amount: DECIMAL(10, 2) NOT NULL

bill_date: DATETIME NOT NULL

account_tb

account_id: INT PRIMARY KEY, AUTO_INCREMENT

user_id: INT FOREIGN KEY REFERENCES user_reg_tb(user_id)

balance: DECIMAL(10, 2) NOT NULL

E-Commerce Database Schema

feedback_tb

feedback_id: INT PRIMARY KEY, AUTO_INCREMENT

user_id: INT FOREIGN KEY REFERENCES user_reg_tb(user_id)

product_id: INT FOREIGN KEY REFERENCES product_tb(product_id)

feedback_text: TEXT

rating: INT CHECK (rating BETWEEN 1 AND 5)

feedback_date: DATETIME NOT NULL