CREATE DATABASE Adaaromas;

USE Adaaromas;

CREATE TABLE users (

userId INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100),

phoneNo VARCHAR(15),

email VARCHAR(100) UNIQUE,

password VARCHAR(255),

state VARCHAR(50),

district VARCHAR(50),

address TEXT,

city VARCHAR(50),

pincode VARCHAR(10),

createdAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE products (

productId INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(150),

category ENUM('Perfume', 'Attar', 'Essence Oil', 'Diffuser'),

costPrice DECIMAL(10,2),

margin DECIMAL(5,2),

msp DECIMAL(10,2), -- Minimum Selling Price

asp DECIMAL(10,2), -- Average Selling Price

mrp DECIMAL(10,2), -- Maximum Retail Price

description TEXT,

rating DECIMAL(3,2) DEFAULT 0.0,

noOfRatings INT DEFAULT 0,

reviewCount INT DEFAULT 0,

createdAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

ALTER TABLE products ADD COLUMN image VARCHAR(255);

CREATE TABLE product\_stock (

stockId INT AUTO\_INCREMENT PRIMARY KEY,

productId INT,

size VARCHAR(10), -- like 30ml, 50ml, etc.

stockInHand INT DEFAULT 0,

FOREIGN KEY (productId) REFERENCES products(productId) ON DELETE CASCADE

);

CREATE TABLE reviews (

reviewId INT AUTO\_INCREMENT PRIMARY KEY,

productId INT,

userId INT,

feedback TEXT,

createdAt TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (productId) REFERENCES products(productId) ON DELETE CASCADE,

FOREIGN KEY (userId) REFERENCES users(userId) ON DELETE CASCADE

);  
  
CREATE TABLE orders (

orderId INT AUTO\_INCREMENT PRIMARY KEY,

userId INT,

status ENUM('Pending', 'Confirmed', 'Shipped', 'Delivered', 'Cancelled') DEFAULT 'Pending',

transactionId VARCHAR(100),

orderDate TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

billingAmount DECIMAL(10,2),

FOREIGN KEY (userId) REFERENCES users(userId)

);

CREATE TABLE order\_details (

detailId INT AUTO\_INCREMENT PRIMARY KEY,

orderId INT,

productId INT,

quantity INT,

size VARCHAR(10),

FOREIGN KEY (orderId) REFERENCES orders(orderId) ON DELETE CASCADE,

FOREIGN KEY (productId) REFERENCES products(productId)

);

CREATE TABLE coupons (

couponId INT AUTO\_INCREMENT PRIMARY KEY,

couponCode VARCHAR(50) UNIQUE,

expiryTime DATETIME,

percentage INT DEFAULT 0,

flatAmount DECIMAL(10,2) DEFAULT 0.0

);  
  
CREATE INDEX idx\_product\_category ON products(category);

CREATE INDEX idx\_stock\_product\_size ON product\_stock(productId, size);

ALTER TABLE coupons ADD COLUMN availability TINYINT DEFAULT 0;

ALTER TABLE products ADD COLUMN gender ENUM('Men', 'Women', 'Both') DEFAULT NULL;

ALTER TABLE products

MODIFY COLUMN gender ENUM('Men', 'Women', 'Unisex') DEFAULT NULL;

ALTER TABLE products ADD COLUMN revenue int;  
  
ALTER TABLE orders

ADD COLUMN TotalASP INT,

ADD COLUMN GST INT,

ADD COLUMN PROFIT INT,

ADD COLUMN LOSS INT DEFAULT 0;