**1. Database Creation**

Create the database first:

sql

CopyEdit

CREATE DATABASE jewelry\_store;

USE jewelry\_store;

**2. Admin Table**

Stores admin login credentials.

sql

CopyEdit

CREATE TABLE admin (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**3. Users Table**

Stores customer details.

sql

CopyEdit

CREATE TABLE users (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL,

phone VARCHAR(20),

address TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**4. Categories Table**

Stores product categories.

sql

CopyEdit

CREATE TABLE categories (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

description TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**5. Subcategories Table**

Stores subcategories linked to categories.

sql

CopyEdit

CREATE TABLE subcategories (

id INT PRIMARY KEY AUTO\_INCREMENT,

category\_id INT NOT NULL,

name VARCHAR(100) NOT NULL,

description TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (category\_id) REFERENCES categories(id) ON DELETE CASCADE

);

**6. Products Table**

Stores jewelry products.

sql

CopyEdit

CREATE TABLE products (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(255) NOT NULL,

category\_id INT NOT NULL,

subcategory\_id INT NOT NULL,

description TEXT,

price DECIMAL(10,2) NOT NULL,

stock INT NOT NULL DEFAULT 0,

image VARCHAR(255),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (category\_id) REFERENCES categories(id) ON DELETE CASCADE,

FOREIGN KEY (subcategory\_id) REFERENCES subcategories(id) ON DELETE CASCADE

);

**7. Orders Table**

Stores order information.

sql

CopyEdit

CREATE TABLE orders (

id INT PRIMARY KEY AUTO\_INCREMENT,

user\_id INT NOT NULL,

total\_price DECIMAL(10,2) NOT NULL,

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

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

);

**8. Order Items Table**

Stores details of each item in an order.

sql

CopyEdit

CREATE TABLE order\_items (

id INT PRIMARY KEY AUTO\_INCREMENT,

order\_id INT NOT NULL,

product\_id INT NOT NULL,

quantity INT NOT NULL,

price DECIMAL(10,2) NOT NULL,

FOREIGN KEY (order\_id) REFERENCES orders(id) ON DELETE CASCADE,

FOREIGN KEY (product\_id) REFERENCES products(id) ON DELETE CASCADE

);

**9. Reviews Table**

Stores customer reviews on products.

sql

CopyEdit

CREATE TABLE reviews (

id INT PRIMARY KEY AUTO\_INCREMENT,

user\_id INT NOT NULL,

product\_id INT NOT NULL,

rating INT CHECK (rating BETWEEN 1 AND 5),

review TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE,

FOREIGN KEY (product\_id) REFERENCES products(id) ON DELETE CASCADE

);

**10. Inquiries Table**

Stores customer inquiries.

sql

CopyEdit

CREATE TABLE inquiries (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL,

message TEXT NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**11. Subscribers Table**

Stores email subscribers for newsletters.

sql

CopyEdit

CREATE TABLE subscribers (

id INT PRIMARY KEY AUTO\_INCREMENT,

email VARCHAR(100) UNIQUE NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**12. Reports Table**

Stores sales and analytics data.

sql

CopyEdit

CREATE TABLE reports (

id INT PRIMARY KEY AUTO\_INCREMENT,

report\_type VARCHAR(50),

report\_data TEXT,

generated\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);