CREATE TABLE User (

id INT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password\_hash VARCHAR(255) NOT NULL,

role ENUM('customer', 'admin') NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE Product (

id INT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

description TEXT,

price DECIMAL(10,2) NOT NULL

);

CREATE TABLE Order (

id INT PRIMARY KEY,

user\_id INT NOT NULL,

order\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

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

FOREIGN KEY (user\_id) REFERENCES User(user\_id)

);

CREATE TABLE OrderItem (

id INT PRIMARY KEY,

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 Order(id) ON DELETE CASCADE,

FOREIGN KEY (product\_id) REFERENCES Product(product\_id)

);

-- Example Data Insertion

INSERT INTO User (name, email, password\_hash, role) VALUES

(’Neelesh’, ’neelesh@gmail.com’, ‘12345’, 'customer'),

(‘D’inesh, ‘dinesh@gmail.com’, ‘1234566’, 'admin');

INSERT INTO Product (name, description, price,) VALUES

('Laptop', 'High-performance laptop', 1200.00),

(‘Mobile’, 'Latest model mobile’, 800.00);

INSERT INTO Order (user\_id, total\_amount) VALUES

(1, 2000.00);

INSERT INTO OrderItem (order\_id, product\_id, quantity, price) VALUES

(1, 1, 1, 1200.00),

(1, 2, 1, 800.00);