Database name “sample\_db”

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

firstname VARCHAR(50) NOT NULL,

lastname VARCHAR(50) NOT NULL,

mobile\_number VARCHAR(15) NOT NULL,

national\_id VARCHAR(20) NOT NULL UNIQUE,

email VARCHAR(100) NOT NULL UNIQUE,

username VARCHAR(50) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

role ENUM('buyer', 'seller', 'admin') DEFAULT 'buyer',

approved BOOLEAN DEFAULT FALSE,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

CREATE TABLE products (

id INT AUTO\_INCREMENT PRIMARY KEY,

seller\_id INT NOT NULL,

name VARCHAR(100) NOT NULL,

description TEXT,

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

image VARCHAR(255),

status ENUM('pending', 'approved', 'rejected') DEFAULT 'pending',

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

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

CREATE TABLE bids (

id INT AUTO\_INCREMENT PRIMARY KEY,

product\_id INT NOT NULL,

buyer\_id INT NOT NULL,

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

bid\_time TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

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

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