

```
CREATE TABLE IF NOT EXISTS store_management.roles(  
    id serial,  
    name varchar(5),  
    CONSTRAINT pk_role_id PRIMARY KEY(id)  
);  
INSERT INTO store_management.roles(name) VALUES ('Admin');  
INSERT INTO store_management.roles(name) VALUES ('User');
```

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```
CREATE TABLE IF NOT EXISTS store_management.payment_action(  
    id serial,  
    name varchar(6),  
    CONSTRAINT pk_payment_action_id PRIMARY KEY(id)  
);  
INSERT INTO store_management.payment_action(name) VALUES ('Paid');  
INSERT INTO store_management.payment_action(name) VALUES ('Unpaid');
```

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```
CREATE TABLE IF NOT EXISTS store_management.user(  
    id serial,  
    username varchar,  
    role_id integer,  
  
    CONSTRAINT pk_user_id PRIMARY KEY(id),  
    CONSTRAINT fk_user_role_id_roles_role_id FOREIGN KEY (role_id)  
        REFERENCES store_management.roles(id) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION  
  
);  
INSERT INTO store_management.user(username,role_id) VALUES ('Kevin',1);  
INSERT INTO store_management.user(username,role_id) VALUES ('Nev',2);
```

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```
CREATE TABLE IF NOT EXISTS store_management.products(  
    id serial,  
    name varchar,  
    quantity integer,  
    price numeric,  
  
    CONSTRAINT pk_product_id PRIMARY KEY(id)
```

);

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```
CREATE TABLE IF NOT EXISTS store_management.orders(  
    id serial,  
    user_id integer,  
    payment_action_id integer,  
    total_quantity integer,  
    total_amount numeric(10,2),  
    shipping_address TEXT,  
    order_date TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,  
    created_at TIMESTAMP NOT NULL DEFAULT CURRENT_TIMESTAMP,  
  
    CONSTRAINT pk_order_id PRIMARY KEY(id),  
    CONSTRAINT fk_user_id_users_user_id FOREIGN KEY (user_id)  
        REFERENCES store_management.user(id) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION,  
    CONSTRAINT fk_payment_action_id_payment_action_id FOREIGN KEY  
(payment_action_id)  
        REFERENCES store_management.payment_action(id) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION  
  
);
```

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```
CREATE TABLE order_item (  
    id SERIAL,  
    order_id INTEGER,  
    product_id INTEGER,  
    quantity INTEGER NOT NULL,  
    price NUMERIC(10, 2) NOT NULL,  
  
    CONSTRAINT pk_order_item_id PRIMARY KEY(id),  
    CONSTRAINT fk_order_id_orders_order_id FOREIGN KEY (order_id)  
        REFERENCES store_management.orders(id) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION,  
    CONSTRAINT fk_product_id_products_product_id FOREIGN KEY (product_id)  
        REFERENCES store_management.products(id) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION  
  
);
```