**Schema related statements:**

1 Get orders to show on main page:

SELECT typeName,materialName,colorName,specificDemand

FROM order

LEFT JOIN type ON order.typeId = type.id

LEFT JOIN material ON order.materialId = material.id

LEFT JOIN color ON order.colorId = color.id

ORDER BY order.id DESC

LIMIT 10;

SELECT filePath FROM designDraft WHERE orderId = ‘xxx’;

**Customer operation related statements:**

1 Customer login:

SELECT password FROM user WHERE name = ‘xxx’;

2 Customer Register:

INSERT INTO user(name,password) VALUES(‘xxx’,’xxx’);

3 Customer check his/her own orders info:

SELECT contacts,address,phone,quantity,specificDemand,typeName,materialName,colorName FROM order

LEFT JOIN type ON order.typeId = type.id

LEFT JOIN material ON order.materialId = material.id

LEFT JOIN color ON order.colorId = color.id

WHERE userId = ‘xxx’;

SELECT filePath FROM designDraft

LEFT JOIN order ON designDraft.orderId = order.id

WHERE order.userId = ‘xxx’;

4 Show the types for customer to choose:

SELECT id,typeName FROM type;

5 Show the materials for customer to choose:

SELECT id,materialName FROM material;

6 Show the colors for customer to choose:

SELECT id,colorName FROM color;

7 Submit customer’s order:

INSERT INTO

order(contacts,address,phone,quantity,specificDemand,typeId,materialId,colorId)

VALUES(‘xxx’, ‘xxx’, ‘xxx’, ‘xxx’, ‘xxx’, ‘xxx’, ‘xxx’ , ‘xxx’);

INSERT INTO designDraft(orderId,filePath) VALUES(‘xxx’,’xxx’);

**Administrator operation related statements:**

1 Administrator check all users:

SELECT \* FROM user;

2 Administrator check all types:

SELECT \* FROM type;

3 Administrator add a type:

INSERT INTO type(typeName) VALUES(‘xxx’);

6 Administrator check all materials:

SELECT \* FROM material;

7 Administrator add a material:

INSERT INTO material (materialName) VALUES(‘xxx’);

6 Administrator check all colors:

SELECT \* FROM color;

7 Administrator add a color:

INSERT INTO color (colorName) VALUES(‘xxx’);