

User Manual

Software detail:

YB-BOM is a bill of material software that use to calculate the total of raw material will be used in particular sales order. It can generate 2 reports : Order by material report & Cutting report. This software was built using Java and JDBC to connect the database of MySQL.

Installation part:

Things that will be needed:

- Netbean IDE: <https://netbeans.org/downloads/> (download JAVA EE is enough)
- Java JDK 8: <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
- MySQL : <http://dev.mysql.com/downloads/>

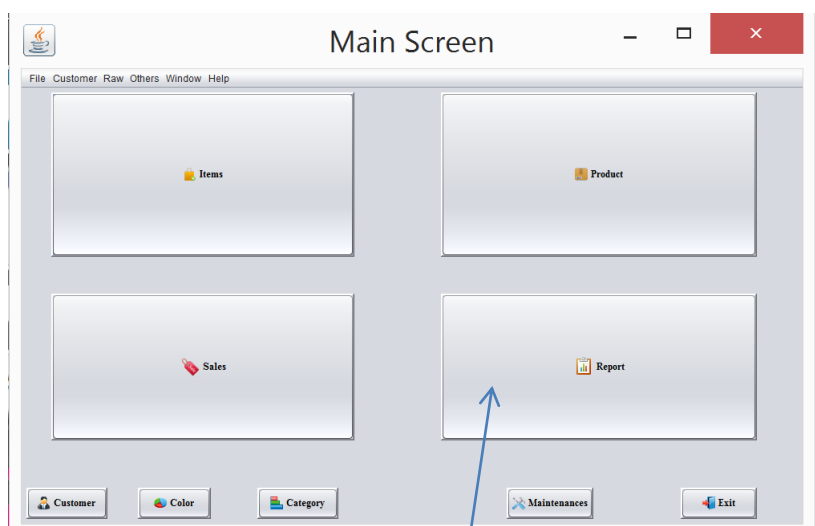
After Finish install MySQL pls run the script “ InitializedB.sql” in order to generate the database in MySQL workbench.

Please make sure u have the 5 required jar file import into project

And do clean and build in netbean to create a Executable Jar File in dist folder.

Instruction :

Create/edit/delete (CRUD features) existing raw material/ Product/ sales Order /customer/color/catergories



Generate reports

1. Add colour & Category

- Create/edit/delete any colour or Category into Database and press save.

Id	name
1	BEECH
2	BLACK
3	BLUE
4	BROWN
5	CHERRY
6	D BROWN
7	D GREY
8	DARK OAK
9	GREENn
10	L BROWN
11	L GREY
12	LOAK
13	MAHAGONY
14	MAPLE
15	NATURAL
16	OAK
17	ROSE

Id	name	description
1	ALUMINIUM	ALUMINIUM
2	CARTON B...	CARTON B...
3	HARDWARE	HARDWARE
4	EDGING TA...	EDGING TA...
5	METAL	METAL
6	OTHER	OTHER
7	POLYFOAM	POLYFOAM
8	POLYSHEET	POLYSHEET
9	CHIPBOARD	CHIPBOARD
10	EXTRA	EXTRA
11	MDF BOARD	MDF BOARD
12	MILAMINE	MILAMINE
13	OPERATIN...	OPERATIN...
14	PLY CHIPB...	PLY CHIPB...
15	PROD LAB...	PROD LAB...
16	PROD OVER...	PROD OVER...
17	SELLING & ...	SELLING & ...

2. Add Raw Material

- Item Code: Name of Material.
- Category: Choose one base on what u have added in categories before.
- Color selection: Assign the colour pattern of raw material. Each Raw Material will have 2 Index of colour and each index of colour will be affect base on the Product's colour in sales order.

Id	ItemCode	Category	ColorD1	ColorD2
1	1026 CA...	HARD...	0	0
2	108MM ...	POLYF...	0	0
3	12MM ...	POLYF...	0	0
6	13MM ...	POLYF...	0	0
7	18MM ...	POLYF...	0	0
8	20MM ...	POLYF...	0	0
9	25MM ...	POLYF...	0	0
10	27MM ...	POLYF...	0	0
11	30MM ...	POLYF...	0	0
12	33MM ...	POLYF...	0	0
13	34MM ...	POLYF...	0	0
14	36MM ...	POLYF...	0	0
15	380 MA...	OTHER	0	0
16	38MM ...	POLYF...	0	0
17	40MM ...	POLYF...	0	0
18	42MM ...	POLYF...	0	0
19	45MM ...	POLYF...	0	0
20	48MM ...	POLYF...	0	0
21	50MM ...	POLYF...	0	0
22	54MM ...	POLYF...	0	0

E.g. :

Product XXX's colour = colour 1(RED) + colour2 (GREEN) + colour3 (BLUE)

Raw Material used in Product XXX:

If Item1's colour index is 0+ 0, so it will be NO COLOUR + NO COLOUR

If Item2's colour index is 1 + 1, so it will be RED+ RED

If Item3's colour index is 2 + 2, so it will be GREEN + GREEN

If Item4's colour index is 3 + 1, so it will be BLUE + RED

And so on Can be any combination.

3. Add product

- A product can have multiple raw material.
- Manually add raw material into product

Click existing product to view what raw material is used

4. Sales Order

A sales order can have multiple products

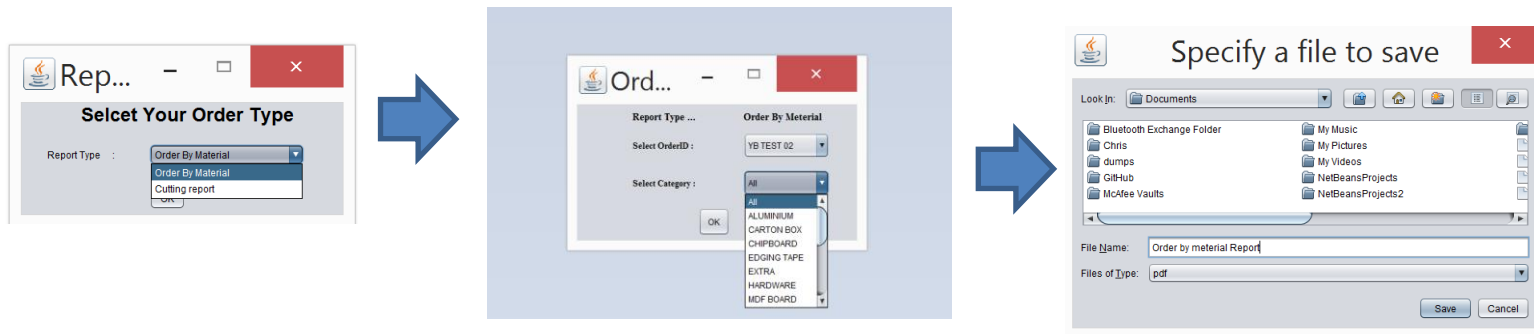
Input Customer ID, OrderNo(String), Choose product from existing database, colour1 + colour2 + colour3, QTY and date

After first input, please continue add product from here

Press this button to check existing sales order

5. Reports

- Select report type
- Generate report base on Sales' order and choose categories you wish to generate.
- Save in the location you wish to save



Sample report:

MDF BOARD

3MM MDF PLAIN PU2

Quantity	Specification	Color1	Color2	Item Quantity
2	708 X 110	No Color	BLACK	132
3	708 X 214.4	No Color	BLACK	198
Total				330

total m2 :

9 MM MDF PLAIN 2

Quantity	Specification	Color1	Color2	Item Quantity
22	3000 X 3000	No Color	BROWN	484
22	3000 X 3000	No Color	CHERRY	4400
Total				4884

total m2 :

18MM MDF PLAIN R

Quantity	Specification	Color1	Color2	Item Quantity
55	1500 X 1500	BLACK	No Color	11000
55	1500 X 1500	L.GREY	No Color	1210
Total				12210

total m2 :

ORDER BY METERIAL REPORT

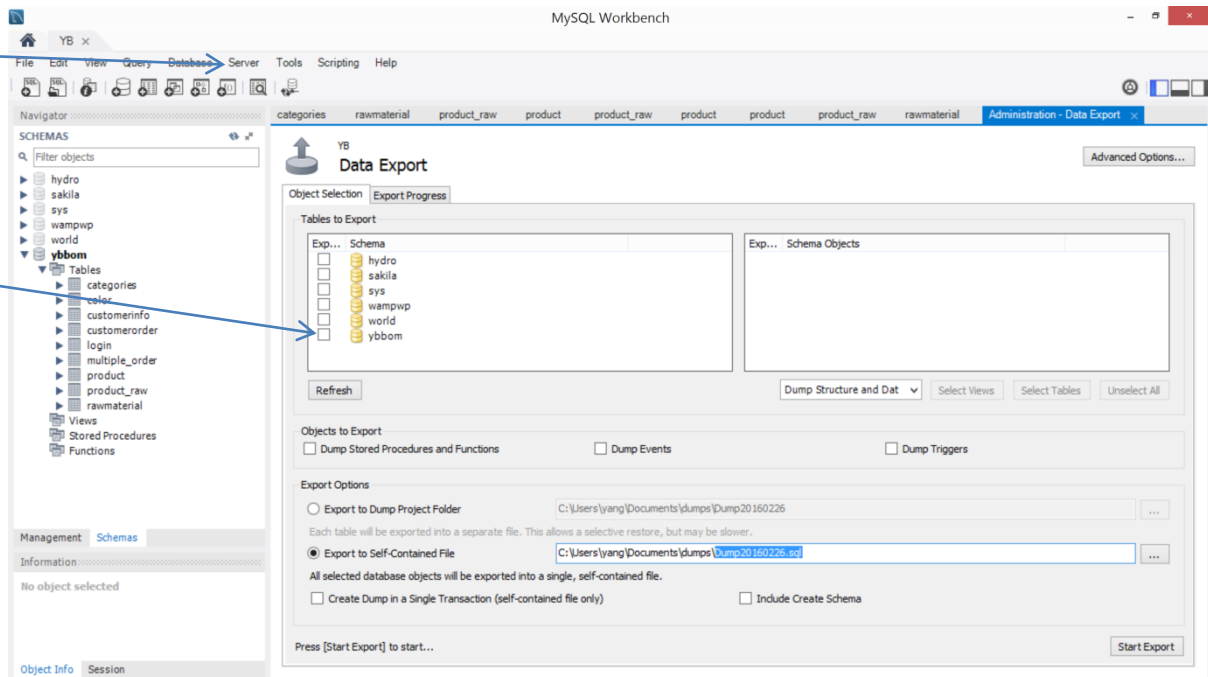
Customer Name :primo
Order No :TEST ORDER

Item Name	Color1	Color2	Item Quantity
12MM C/B 1 PU	CHERRY	No Color	264
12MM C/B 1 PU	SILVER	No Color	275
12MM C/B 2 PU	SILVER	SILVER	110
15 MM C/B 2 PU	CHERRY	CHERRY	1122
15 MM MDF 2 PU	BLACK	No Color	308
15 MM MDF 2 PU	BROWN	No Color	2800
15MM C/B 1PU 1	CHERRY	No Color	660
15MM C/B 2 PU 2	BROWN	BROWN	330
15MM C/B 2 PU 2	CHERRY	CHERRY	3000
18MM MDF 1 PVC 1+2 /CW	BLACK	BROWN	220
18MM MDF 1 PVC 1+2 /CW	BROWN	CHERRY	2000
18MM MDF PLAIN R	BLACK	No Color	11000
18MM MDF PLAIN R	L.GREY	No Color	1210
18MM MELAMINE- 329T	No Color	No Color	12210
3MM MDF PLAIN PU2	No Color	BLACK	330
3MM MDF PLY 1 PU	CHERRY	No Color	396

45 MM C/B 2 PU	CHERRY	CHERRY	264
6MM MDF 2 PU 3	BLACK	No Color	11000
6MM MDF 2 PU 3	L.GREY	No Color	1210
9 MM MDF PLAIN 2	No Color	BROWN	484
9 MM MDF PLAIN 2	No Color	CHERRY	4400
AM LEG 212	No Color	No Color	12210
CB SCREW 4 X 38	No Color	No Color	1591962
GDH PLATE	No Color	No Color	12210
HANDLE SCREW 3.6X24	No Color	No Color	73926
JCBC 8 X 12	No Color	No Color	246864
M 5 L KEY	No Color	No Color	493284
METAL S 5 HOLE	No Color	No Color	12210
Total			2496259

BACKUP:

Open MySQL workbench -> Server -> Data Export -> Tick ybbom -> choose “EXPORT TO SELF-CONTAINED FILE” -> Start Export



It will then auto generate a sql script, run that script if u want to restore the database.

Open the script go to -> Query-> Execute All