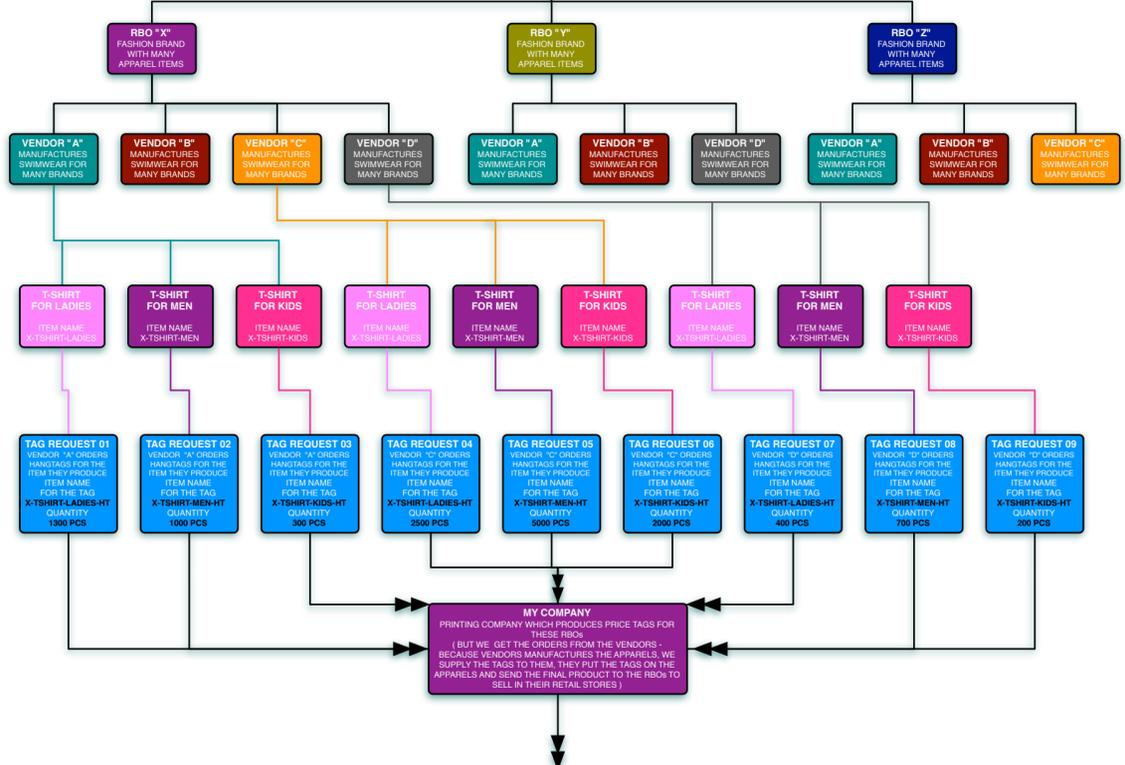
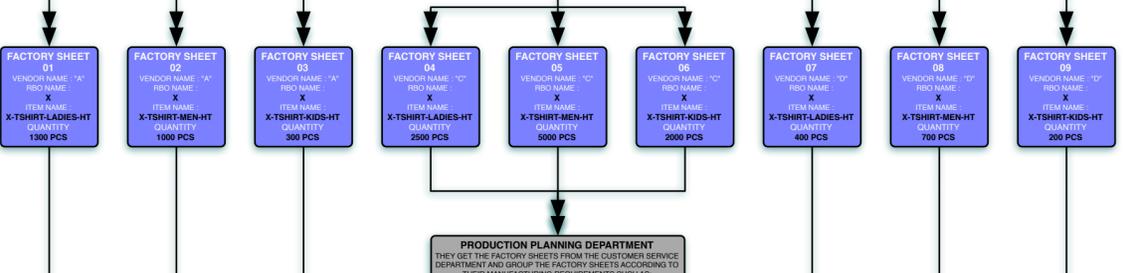


**SCENARIO**



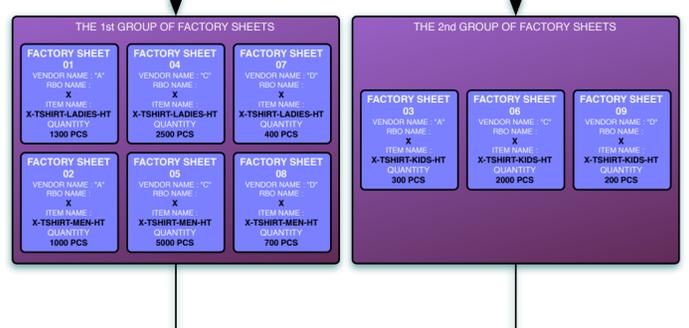
**MY COMPANY**  
PRINTING COMPANY WHICH PRODUCES PRICE TAGS FOR THESE RBOs  
(BUT WE GET THE ORDERS FROM THE VENDORS - BECAUSE VENDORS MANUFACTURE THE APPARELS - WE SUPPLY THE TAGS TO THEM, THEY PUT THE TAGS ON THE APPARELS AND SEND THE FINAL PRODUCT TO THE RBOs TO SELL IN THEIR RETAIL STORES)

**CUSTOMER SERVICE DEPARTMENT**  
THEY GET THE ORDER FROM THE VENDOR AND CREATE THE FACTORY SHEETS ACCORDINGLY  
(FACTORY SHEETS ARE THE PRODUCTION REQUESTS FROM THE FACTORY)  
EACH FACTORY SHEET CAN HAVE ONLY ONE VENDOR  
\* ONLY ONE RBO  
\* ONLY ONE ITEM

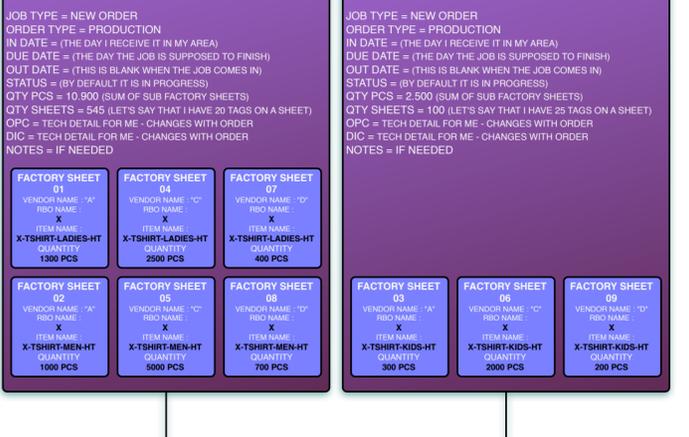


**PRODUCTION PLANNING DEPARTMENT**  
THEY GET THE FACTORY SHEETS FROM THE CUSTOMER SERVICE DEPARTMENT AND GROUP THE FACTORY SHEETS ACCORDING TO THEIR MANUFACTURING REQUIREMENTS SUCH AS:  
\* SIZE OF THE TAG  
\* COLORS OF THE TAG  
\* SUBSTRATE OF THE TAG  
IF THE ITEMS SHARE SIMILAR COLORS, SIZES AND SUBSTRATES, IT WOULD BE EFFICIENT TO PRINT THEM TOGETHER (THIS WOULD REDUCE SETUP TIME, PLATES ETC.)  
  
(LET'S SAY THAT IN OUR SCENARIO LADIES AND MEN TAGS ARE SUITABLE FOR GROUPING, BUT KIDS TAGS HAVE A DIFFERENT SIZE)  
SO THERE CAN BE 2 GROUPS  
1- LADIES - MEN  
2- KIDS

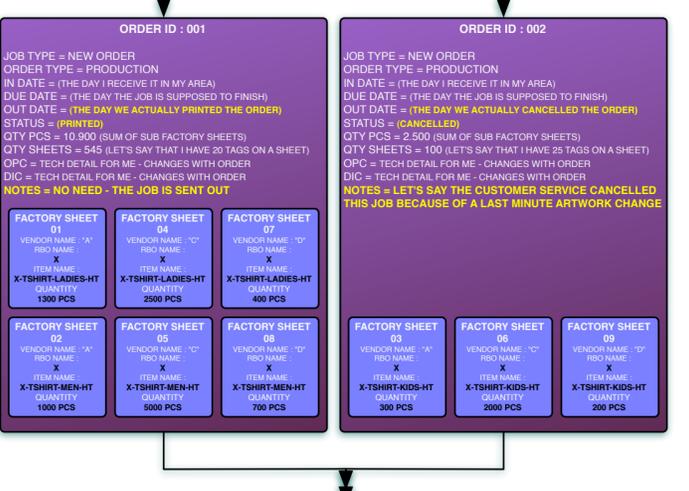
AFTER THIS, THEY SEND THESE 2 GROUPS OF JOBS TO MY PRODUCTION THERE... AND EVERYTHING STARTS THERE...



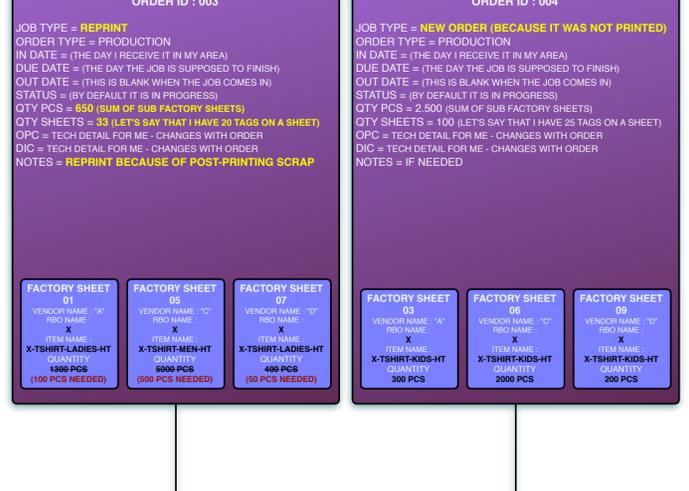
**PRODUCTION (FINALLY MY AREA)**  
WE GET THE GROUPS OF FACTORY SHEETS  
WE NEED TO KEEP THEM TOGETHER  
\* WE NEED TO CONSIDER THEM AS A ONE PACKAGE RATHER THAN INDIVIDUAL FACTORY SHEETS  
\* WE NEED TO PRINT THEM IN ONE GO  
  
BUT IN THE CURRENT SYSTEM THERE IS NO UNIQUE NUMBER TO TRACK THIS GROUP OF FACTORY SHEETS.  
  
THAT'S WHY I CAME UP WITH THIS TERM "ORDER"  
ORDER MEANS A GROUP OF FACTORY SHEETS THAT I NEED TO PROCESS, AND IT HAS MORE RBO THAN THE INDIVIDUAL FACTORY SHEETS LIKE:  
THE QTY PCS IS THE SUM OF ALL THE SUB FACTORY SHEETS  
\* IT HAS A ORDER N° - ORDER DATE  
\* IT HAS QTY SHEETS INFO  
\* IT HAS A ORDER N° - ORDER DATE  
\* IT HAS OPC AND DIC UNIQUE TO THIS GROUP (TECH DETAIL)  
\* IT MIGHT ALSO HAVE SOME NOTES ATTACHED TO IT  
\* IT HAS TYPES LIKE "SAMPLE" OR "PRODUCTION"  
\* IT HAS STATUS INDICATORS SO I CAN TRACK IT IN MY AREA  
  
THEREFORE, I TURN THESE NAMELESS GROUPS INTO MY "ORDER"s.  
GIVE THEM A UNIQUE ID IN ACCESS.  
CONSIDER THEM AS A SINGLE JOB WITH SUB FACTORY SHEETS.



LET'S SAY THAT I HAVE PRINTED THE "ORDER 001" IN 3 DAYS, BUT THE "ORDER 002" IS CANCELLED THAT DAY ALSO. I SEND THE "ORDER 001" TO THE NEXT PROCESS (POST-PRINTING) AND CANCEL THE "ORDER 002". THEY WOULD LOOK LIKE BELOW IN MY DATABASE:



EVERYTHING LOOKS OK :) BUT (YES THERE IS ALWAYS A "BUT")  
  
1 - THE POST PRINTING GUYS MESSED THE "ORDER 001" UP IN DIECUT AND LOST SOME TAGS. AFTER THE FINAL EXAMINATION THEY REALIZED THEY HAVE A SHORTFALL FOR SOME TAGS. THEY DO NOT GO AND ASK THE CUSTOMER SERVICE TO CREATE A NEW FACTORY SHEET BECAUSE IT IS A SHORTFALL ONLY. SO THEY SEND THE FACTORY SHEETS WITH MISSING TAGS BACK TO ME, AND JUST CHANGE THE QTY PCS ACCORDING TO THEIR NEED. BUT I CANNOT USE THE SAME ORDER ID BECAUSE THAT JOB WENT OUT OF MY DATABASE BECAUSE IT WAS "PRINTED". SO I ENTER THAT GROUP AS A NEW ORDER  
  
2- ALSO, THE LAST MINUTE ARTWORK CHANGE IS DONE ON "KIDS" TAGS, AND NOW WE CAN PROCESS THOSE FACTORY SHEETS. BUT I CANNOT USE THE SAME ORDER ID BECAUSE THAT JOB WENT OUT OF MY DATABASE BECAUSE IT WAS "CANCELLED". SO I ENTER THAT GROUP AS A NEW ORDER  
  
THEY WOULD LOOK LIKE BELOW IN MY DATABASE:



2 DAYS LATER FINISH EVERYTHING AND EVERYBODY IS HAPPY :) MY DATABASE WOULD LOOK LIKE THIS:

