Under this table there should be an option to manually add material on stock which we need to load. This is a specific situation when material is not on stock list that supplier is sending to us but we have their production plan that it will be produced in a matter of hours. In this situation we will wait for that material to be produced and load it on truck immediately. This is why we need a separate option to input some material manually so it will be inputted in last row of the stock table and loaded as every other material. This button will give pop-up to search for a product by customer and it will when clicked fill in stock table columns considering flutes, quality and dimensions.

Under stock list table there should be a table to input data about trucks and it will need following columns:

1. Truck number - this information will be used after at loading priority
2. Carrier name - in this field we are entering the name of the carrier which will be then used in a loading list PDF so that our supplier know which materials to load in which truck (because sometimes there are 2 or 3 truck waiting in line for our material and it is important to us which material is going in which truck).
3. Capacity - here we will enter how big the truck is in cubic meters.

This table is being edited for a lot over the day and does not need any saving in database. Under it there will be the list of the trucks that we have added with information how much space did we use. The example of the process that we are using is maybe the best to describe through google sheets document that we are using now. Link
Marked as yellow is the form you should look. You can check formulas and get the general idea of how process is working. We are now copying stuff from stock list and putting data into this form but we want to do it directly from stock list. The goal of this is to see how much is our truck full and to get general perception how much of material will be loaded. As you will see from formula there are 3 basic flutes. Now we are inputting numbers but at stock list application will look for letters of flutes and the ratio between this two is:

1. E flute - number 1
2. B flute - number 3
3. EC flute - number 5

Because we have a lot flute option (3 given are the most standard), maybe it won't be a bad idea to have separate option to input in database new flutes and number of pieces on one pallet that are commonly loaded (now we have 3 basic - E flute is loaded 1000 pieces per pallet, B flute - 700 pieces on pallet and EC flute 350 pieces on pallet).
As I have mentioned under table for inputting trucks and carrier names, there will be the list which will automatically show percentage of loading when loading priority and quantity to load is putted. Also, we must include option to see how many pieces will be loaded until the truck is full. We have this situation happening a lot, because we are not sure in exact number of pieces how many our supplier can load on truck. You can see this at the end of the table from the link in the section "load until full". It would be a good idea to put under every truck after loaded percentage

information. This will be used every time “D” letter is inputted in stock list instead of “Quantity to load”.

At the end there must be button to generate loading plan PDF which we will be sending to our supplier. This plan should be previewed and sent in the same way as purchase order. Only the rows that are filled with loading priority will be seen on loading plan (PDF).

Because we have situations when we send our loading plan to our supplier and then we want to make a correction, maybe it would be a good idea to store maybe last 5 loading plans that we have sent to our supplier so we can retrieve them back and make a correction and send it again.

Product stock list should have an option to be searched for all parameters from columns. It will also have option on every column to be sorted. If we have situation with “more products” link, application will search for both (ot how much number).