

## Production plan

This will be separate page which will be just searching of dimensions and then adding selected product to daily production plan. Our supplier send us every morning production plan with dimensions and quality of raw materials. This page will have a supplier selection at the start. As we said before, default supplier in supplier master will always be selected. Then we will have create button under which will serve to create new production list which I will describe after. Then two input fields and search button. First input field will be width and second will be length. When we click search button under this two fields and button we will get the list of products which are made from raw material with this dimensions (of course, search will be for raw materials of selected supplier). Every product will be in a separate row and will have a check box on the left of it. Checkbox can be checked just for one product. Under this list we will have input field where we are going to enter quantity. Next to this field we will have add button. When we check a product, enter quantity and click add button the product will be added to a newly created list for production. We have created a list by clicking create button which was on the start of the page (by clicking create old list is being deleted). This list will have time and date at the top. Under we will have product name column and quantity column. Every time we add a new product it will be added in a new row.

## Similar dimensions search

This page will be in a reports section. This page will give us option to search for a raw materials and boxes with dimensions similar to which we need. It will have two sections for searching and third for results. First section will be for searching for similar sheet dimensions and second for searching similar box dimensions. Everything will be of course searched from raw materials and box dimensions from product master page. So, first section for raw materials searching will have four input fields, two in one row and two in second. First two input fields will be for entering exact raw materials dimensions that we want. Two fields in second row will be for entering differentiations allowed. For example, if want to search for a materials which has dimensions 395x1025 and type in two fields in second row number 5 application will search database for all raw materials which has first dimensions from 395 to 400. Then from results it will search for raw materials which has length 1025 to 1030. Raw materials matching both criteria will be the result in third section. Differentiation at this section will be only for higher dimensions (search will be conducted only for range exact dimension and higher). Also, if we leave one dimension without inputting values application will search just for one dimension that we have inputted. Result in third section will be table with search box on top and columns customer, product name, dimensions (width and length in separated columns) and quality. All results will be listed in separate rows.

Second section will be for searching similar box dimensions. It will be similar like the section for searching similar raw materials but it will have additional input field. Again we will have 3 input fields in first row with box length, width and height. Second row will be the same, 3 fields in which we will input differentiation level. For box search results, differentiation level should be searched both higher and lower compared to the inputted dimensions. For example we want to

find box with dimensions 300x200x100. We type 5 and 0 and 0 in differentiation fields. Application will now search for boxes with dimensions 300-305x200x100 but both dimensions 295-300x200x100. Results will be shown in table in third section. We will have customer name column, product name, dimensions (length, width, height) and quality of material.