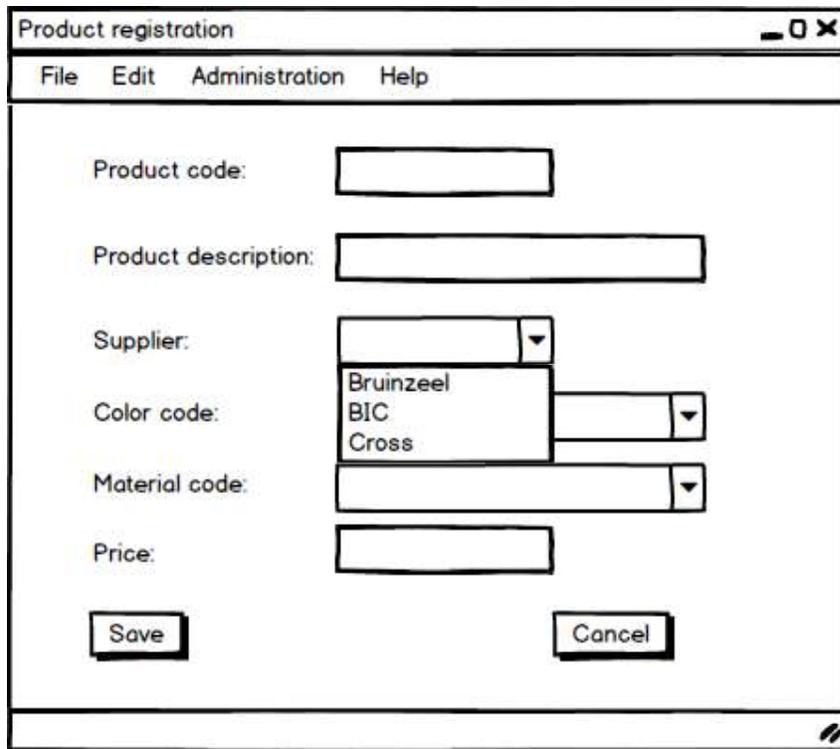


20 SCREENS WITH LIST FUNCTIONS

Problem description

When entering product data, the user can use drop-down-list-boxes in the fields *Supplier*, *Color Code*, or *Material Code* in order to display all the valid codes or numbers of the field chosen, as well as the description that goes along with each of these codes or numbers. A code or a number can then be chosen and copied from this list to the input field. The color description is retrieved from a file containing the attributes color code and color description. Material description and supplier name come from two files containing various data about the material or the supplier, respectively.



The screenshot shows a window titled "Product registration" with a menu bar containing "File", "Edit", "Administration", and "Help". The main area contains several input fields and dropdown menus:

- Product code:** A text input field.
- Product description:** A long text input field.
- Supplier:** A dropdown menu with a list of options: "Bruinzeel", "BIC", and "Cross".
- Color code:** A dropdown menu with a list of options: "Bruinzeel", "BIC", and "Cross".
- Material code:** A dropdown menu.
- Price:** A text input field.

At the bottom of the window, there are two buttons: "Save" and "Cancel".

Should these kinds of supporting functions be counted and, if so, how?

Discussion

Count different list functions of the application basically as separate external outputs. The list functions are external outputs because their outputs vary in size. The functions are different because (in this example) the logical layout of the list function that displays material codes is different from the list function that provides potential suppliers with their codes (i.e., the list function consists of other data element types and provides information from a different logical file).

Although this also applies to the list function with color codes, this function is not counted as a separate external output because it pertains to an FPA table. One external output is counted for the FPA tables ILF in the entire application.

Copying to the input field is not counted as a separate function.

Solution

In this example, count the list function for supplier and material each as one external output, provided that the function has not been counted elsewhere already.

Additionally, count one external input for saving product information.

Do *not* count a separate external output for the list function with color codes.

References to the standard

4.16, 4.20, 5.2.k, 8.2.a and 8.2.t