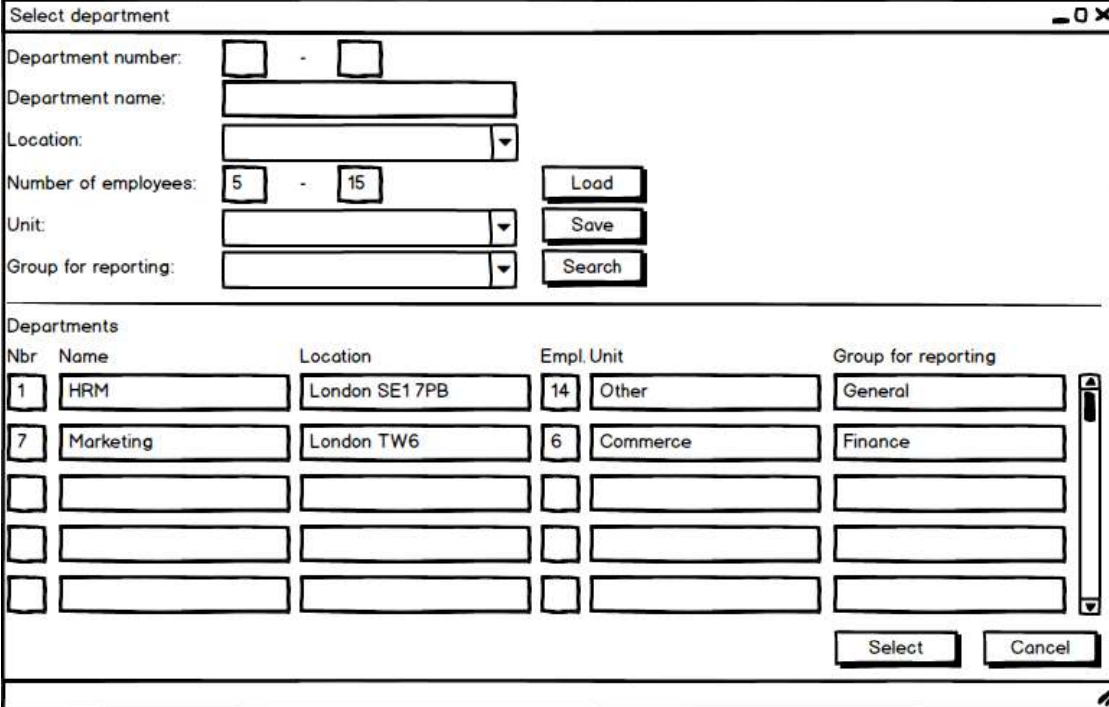


34 SAVING OF SELECTION CRITERIA

Problem description

The employee registration system has a search function for selecting departments (see screenshot below). This search function enables the user to locate departments through one or more search criteria.

On the user's request a search screen is added with the ability for the user to save entered selection criteria and to load them. This is because certain selection criteria are commonly used. In this way a user can save one set of personal selection criteria. In the data model an entity exists which defines these selection criteria per user.



Nbr	Name	Location	Empl. Unit	Group for reporting
1	HRM	London SE1 7PB	14	Other
7	Marketing	London TW6	6	Commerce

How should this function for selection criteria be counted (leave aside the list boxes)?

Discussion

The first question is whether the storage of selection criteria is to be counted separately, or should be seen as a part of the output function and therefore should not be counted.

Because the user has asked for this functionality, it is to be counted separately.

Each user can define his or her own selection criteria, so the data may contain more than one occurrence. So count an ILF (another possibility is a RET in an ILF User).

Saving of the selection criteria is counted as an external input.

The question is whether the retrieval of stored selection criteria should be seen as part of the output function, or as separate external inquiry (there's certainly no question of an external output because there is no list from which the user can choose).

The loading of previously saved selection criteria makes it easier for the user to enter selection criteria in order to generate an overview of departments. The user has specifically requested for this functionality. On the screen there is a choice to use the button *Load* or manually enter the selection criteria. That's why we count an external inquiry for showing the previous selection criteria.

Solution

Count one ILF for the selection criteria, if existing independently, an external input for storing the selection criteria and an external inquiry for displaying the selection criteria.

References to the standard

8.2.e, 8.2.t and 9.2.d