Requirements for SurveyProject

1 Parent Filter

The filter functionality must enhanced by adding possibility to structure the filters (parten/child filters). This has not an effect on the functionality, but on the user interface. To add this new feature, the following tasks must be done:

1.1 Database

Change table [vts_tbFilter] so that filter relationship can be stored (e.g. by adding a new field "ParentFilter" which stores the FilterID of the parent filter).

1.2 Filter Creation

Menu: Results > Filters > Create New Filter
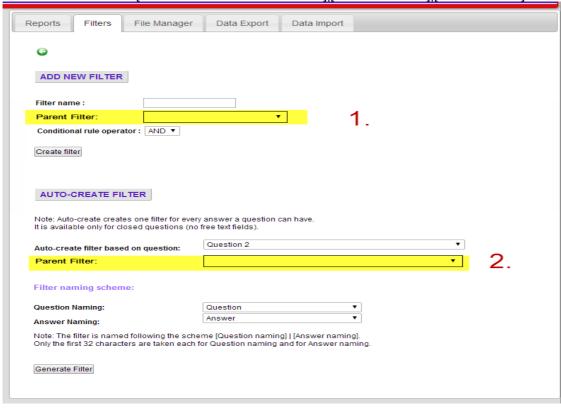*URL: NSurveyAdmin/FilterCreator.aspx?surveyid=151&menuindex=-1*
The user interface for filter creation must be enhanced, so that for every new filter the parent filter can be defined (see 1. and 2. in the following mock-up picture).
Parent filter is an optional field. In a drop down list (DDL) all already created filters for the selected survey are displayed by their name (= field [Description]). If the user selects a parent filter, it is stored in the database.
For the "Auto-Create Filter" the naming convention is changed slightly, in case a parent filter is selected:
- Today we have the naming convention [Question Name][Answer Name]
- When a parent filter is selected, we add the [Question Name] of the parent filter to the filter name as well: [Question Name of Parent Filter][Question Name][Answer Name]

1.3 Reports

Menu: Results > Reports> Graphical Reports
URL: NSurveyAdmin/ResultsReporting.aspx?surveyid=151
The graphical reports allows to select a filter:
1. At first, only one filter DDL is displayed. This DDL includes only filters, which have <u>no</u> parent filter.
2. When the user selects a filter, which has a child filter, a second DDL is displayed, which shows all child filters of the selected parent filter (see 1. in the following mock-up picture).

3. In case, the user selects again a filter, which has child filters, a third DDL is displayed, which shows all child filters of the selected parent filter (see 2. in the following mock-up picture).
4. And so on …

All selected filters must be respected by the report calculation.