

Requirements for SurveyProject

1 Parent Filter

The filter functionality must be enhanced by adding possibility to structure the filters (parent/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]

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ADD NEW FILTER

Filter name :

Parent Filter: 1.

Conditional rule operator: AND

Create filter

AUTO-CREATE FILTER

Note: Auto-create creates one filter for every answer a question can have. It is available only for closed questions (no free text fields).

Auto-create filter based on question: Question 2

Parent Filter: 2.

Filter naming scheme:

Question Naming: Question

Answer Naming: Answer

Note: The filter is named following the scheme [Question naming] | [Answer naming]. Only the first 32 characters are taken each for Question naming and for Answer naming.

Generate Filter

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 no 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.

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☒ Graphical Reports ☐ Voter Reports ☐ Cross Tabulation Reports

SURVEY RESULTS

Question's results to display: [Select a question] ▼

Results layout: Column chart ▼

Results order: Answer order ▼

Date range: [] to [] [Apply range](#)

Apply a filter: test 1 ▼ [Click here to edit / create new filters](#)

1. test 1.1 ▼

2. test 1.1.1 ▼