

## **Survey Question Configurator**

# **User Manual**

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# Abstract

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Survey Question Configurator is a Windows Application for creating 3 types of questions

1) Smiley Question, where you have multiple options:

- a. The order of the question.
- b. The actual text of the question.
- c. Number of smiley faces.



2) Slider Question, where you have multiple options:

- a. The order of the question.
- b. The actual text of the question.
- c. Start value of the slider
- d. Start value caption of the slider.
- e. End value of the slider.
- f. End value caption of the slider.



3) Star Question, where you have multiple options:

- a. The order of the question.
- b. The actual text of the question.
- c. Number of stars.



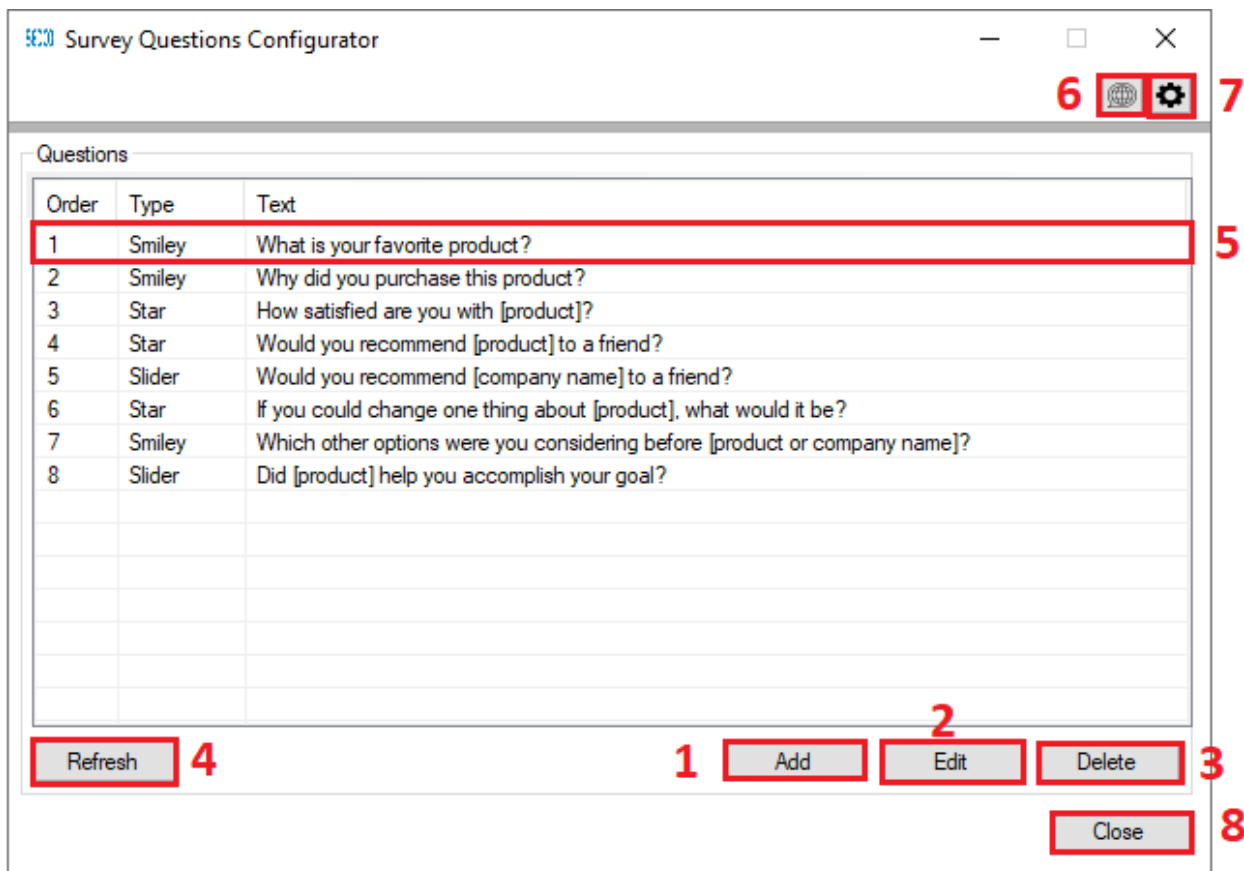
# Chapter 1: User Manual

## 1.1 Introduction

The main idea of this application is to allow its user to manage collection of questions, where you can view, add, edit and delete.

## 1.2 How to use

- First you have the main screen. It has multiple controls and buttons, divided into numbered sections as the figure shows below:



1. Add a question.
  - Opens a new screen to add a question.
2. Edit a **selected** question.
  - Opens a new screen to edit a question.
3. Delete a **selected** question.
  - Shows a conformation screen.
4. Refresh question's list.
  - Re-fetch data from database and view it to the list.
5. **Double clicking** a question open its **editing** screen.
  - Same action as point 2 above.
6. Changes language settings.
  - Opens a new screen to change application's language.
7. Change the connection to a database setting.
  - Opens a new screen to change connection settings.
8. Close the application.
  - Causes the application to exit.

## 1.3 Operations

### 1.3.1 Add a question

Secondly, if you press “**Add**” you will open “Add A Question” screen:

The screenshot shows a window titled "Add A Question". It features a "Type Of Question" dropdown menu with a red "1" above it. The dropdown list is open, showing "Smiley Question" as the selected option. To the right of the dropdown is a large black question mark. Below the dropdown is the "Question Details" section, which includes an "Order" spinner set to "1", a "Text" text area, and a "Number Of Smiley Faces (2 - 5)" spinner set to "2". At the bottom of the window are "OK" and "Cancel" buttons, with a red "2" above the "OK" button and a red "3" above the "Cancel" button.

Also divided into 3 section:

1. Continue with your selections and inputs.
2. Add the question.
3. Close the application.

➤ There are 3 types of questions to add.

a) Smiley faces question

The screenshot shows a window titled "Add A Question". Inside, there is a "Type Of Question" dropdown menu with "Smiley Question" selected. To the right of this is a large black question mark. Below is a "Question Details" section. Within this section, there are three red rectangular boxes with numbers 1, 2, and 3 next to them. Box 1 is around the "Order:" spinner, which is set to 1. Box 2 is around the "Text:" input field. Box 3 is around the "Number Of Smiley Faces (2 - 5):" spinner, which is set to 2. At the bottom of the window are "OK" and "Cancel" buttons.

1. Order of the question.
  - Can **NOT** be repeated.
2. Text of the question.
  - Can **NOT** be empty nor extend over 4000 character.
3. Number of smiley faces (2-5).
  - **MUST** be in the range of (2-5) **inclusive**.

b) Slider question

Add A Question

Type Of Question  
Slider Question

Question Details

Order:  
1

Text:

Slider Start Value (1 - 99):  
2

Start Value Caption:

Slider End Value (2 - 100):  
2

End Value Caption:

OK Cancel

1. Order of the question.
  - Can **NOT** be repeated.
2. Text of the question.
  - Can **NOT** be empty nor extend over 4000 characters.
3. Start value of the slider (1-99) **inclusive**.
  - Start value must be **less** than end value.
4. Start value caption.
  - Can **NOT** be empty not extend 100 characters.
5. End value of the slider (2-100) **inclusive**.
  - End value must be **larger** than start value.
6. Start value caption.
  - Can **NOT** be empty not extend 100 characters.



c) Stars question

The screenshot shows a dialog box titled "Add A Question" with standard window controls (minimize, maximize, close). It contains a "Type Of Question" dropdown menu set to "Star Question". To the right of this menu is a large black question mark icon. Below the dropdown is a "Question Details" section. This section contains three fields: "Order:" with a spinner box showing the value "1", "Text:" with a large empty text area, and "Number Of Stars (1 - 10):" with a spinner box showing the value "2". Red boxes and numbers highlight these fields: a red box around the "Order:" spinner is labeled with a red "1", a red box around the "Text:" area is labeled with a red "2", and a red box around the "Number Of Stars" spinner is labeled with a red "3". At the bottom right of the dialog are "OK" and "Cancel" buttons.

1. Order of the question.
  - Can **NOT** be repeated.
2. Text of the question.
  - Can **NOT** be empty nor extend over 4000 characters.
3. Number of stars (1-10) inclusive.
  - Must be in the range of (1-10) **inclusive**.

### 1.3.2 Editing a question

By selecting a question and pressing edit, or doubling clicking a question.

1

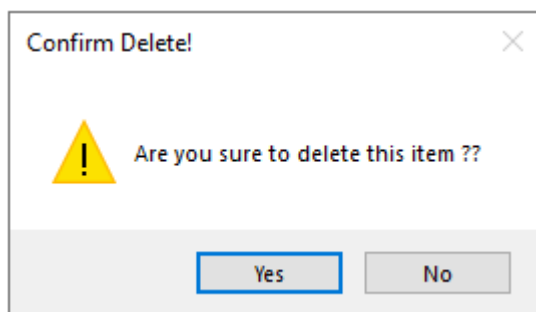
2

Question order already in use  
Try using another one

1. Question type **cannot** be changed.
2. Question order cannot be repeated.

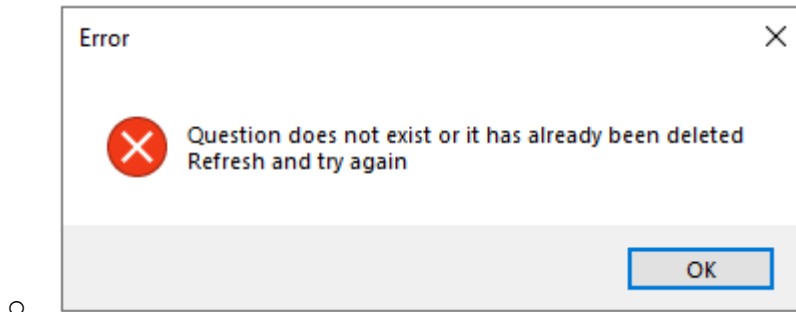
### 1.3.3 Deleting a question

By selecting a question and pressing delete button.

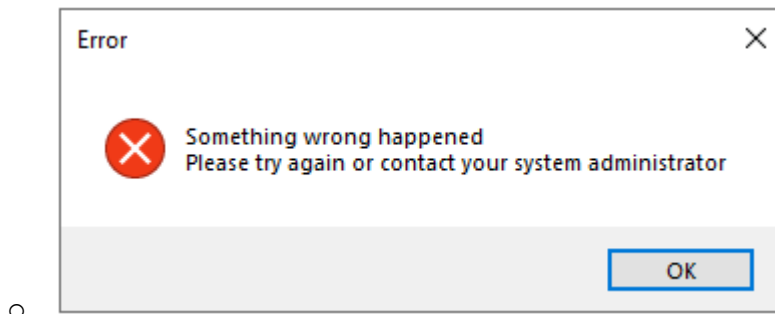


### 1.3.4 Troubleshooting

1. If you try to edit or delete a question that doesn't exist while list hasn't refreshed yet this error will appear.



2. If database connection error happened while performing an operation this error will appear.

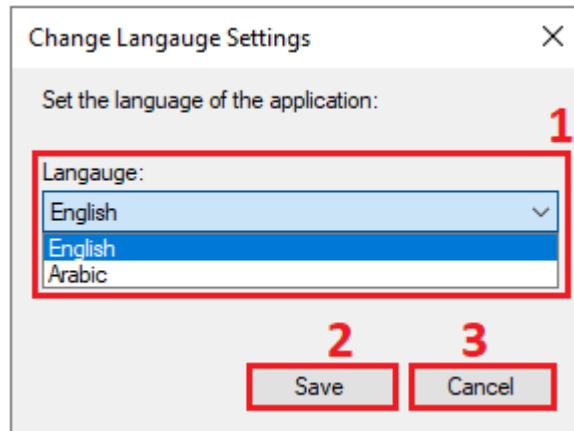


3. If you try to add or edit a taken question order this error will appear.

- 
- Question order already in use  
Try using another one

## 1.4 Language settings

When pressing language settings button, a new appears to change the language of the application as shown in the figure below.



1. Chose the preferred language of the application.
2. Save settings.
3. Close the screen without saving any settings.

**\*Note:** Changing the language will cause the application to **restart**.

English:

The screenshot shows a software window titled "Survey Questions Configurator". At the top right are standard window controls (minimize, maximize, close) and two icons: a globe and a gear. Below the title bar is a tab labeled "Questions". The main area contains a table with three columns: "Order", "Type", and "Text". The table has multiple rows, all currently empty. At the bottom of the window, there are four buttons: "Refresh", "Add", "Edit", and "Delete". The "Delete" button is highlighted with a blue border. A "Close" button is located at the bottom right corner of the window frame.

Arabic:

[illegible]

## 1.5 Connection settings

### 1.5.1 Adding/Changing connection settings

When pressing language settings button, a new appears to change the language of the application as shown in the figure below.

The screenshot shows a 'Connection Settings' dialog box with the following fields and controls, each highlighted with a red box and a corresponding number:

- 1. Server Name: .
- 2. Database Name: SurveyQuestionsConfigurator
- 3. User ID: sa
- 4. Password: \*\*\*\*\*
- 5. Test Connection button
- 6. Save button
- 7. Cancel button

1. Enter the name of the server you want to connect to.
2. Enter the name of the database you want to connect to.
3. Enter the ID of database user.
4. Enter the password of that same user.
5. Test and check the connection of the entered data.
6. Save your settings.
7. Close without saving any settings.

**\*Note:** Testing connection settings may cause the application to hang for a short time, which is a normal behavior.

## 1.5.2 Troubleshooting

1. If the database or its connection went offline. Also wrong connection settings will cause the application to go into offline mode as shown in the figure below.

