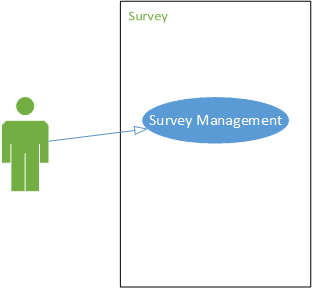
**Use-Case Specification: Survey Management**

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# **Brief Description & Use Case Diagram**

In this use case, the superadmin can maintain, create, and delete surveys. In order to maintain a survey, a superadmin can add, modify, or delete questions and domains.



*Figure 1 - Use Case Diagram for Survey Management*

# **Basic Flow of Events**

1.2.1 The superadmin goes to the superadmin page

1.2.2 Superadmin clicks on edit survey.

1.2.3 System displays information for the domains, themselves, and a couple of buttons that allow the superadmin to edit or hide/show the domain. Below that the system displays the add domain button.

1.2.5 Admin takes a view of the domains.

1.2.6 Super Admin Clicks on row of the Domain they want to see.

1.2.7. The system displays the topics associated with the domains and buttons to edit or hide/show the topics. The system also displays information and buttons about the questions that are associated with the topics.

1.2.8 Superadmin looks for topics or questions they want to see.

# **Alternative Flows (Not considered: Two superadmins are working on the survey and the changes to the same page need to be viewed at the same time.)**

Steps for 1.3.X:

1.3.X.1: Basic Steps

1.3.X.1.1 - System displays a confirmation message for the use case that they are trying to do.

1.3.X.1.2 - User clicks yes

1.3.X.1.3 System continues on with rest of use case.

1.3.X.2: User Clicks No:

1.3.X.2.1 System displays a confirmation message for the use case that they are trying to do.

1.3.X.2.2 User clicks no.

1.3.X.2.3 System cancels the action.

1.3.X.2.4 User continues on with the steps above 1.3.X.

## **Edit Question**

1.3.1.1 Basic Steps

### 1.3.1.1.1 This Alternative Flow begins at System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1..2.7).

### 1.3.1.1.2 The admin clicks the edit button next to the question.

1.3.1.1.3 The system Displays the form for the information about the question (the question and the question number) and a back button.

1.3.1.1.4 The superadmin edits the information for the question. He/she could edit the question, or both.

1.3.1.1.5 The superadmin clicks update.

1.3.X

1.3.1.1.6 System validates the input and displays a success message.

a. System checks to see if there are empty fields.

b. System displays “Question Updated” that has an OK option.

1.3.1.1.7 System updates the question in the database.

1.3.1.1.8 Use case ends at System displays information for the domains, themselves, and a couple of buttons that allow the superadmin to edit or hide/show the domain. Below that the system displays the add domain button. (Step 1.2.3)

#### 1.3.1.2 There is invalid input

1.3.1.2.1 There is an empty field

1.3.1.2.1.1 This alternative flow begins at System checks to see if there are empty fields. (Step 1.3.1.1.5 Part A)

1.3.1.2.1.2 The System detects there is an empty field.

1.3.1.2.1.3 The System refreshes the page, showing the fields that need to have a value

1.3.1.2.1.4 Use case returns to the superadmin edits the information for the question (Step 1.3.1.1.4)

1.3.1.2.2 The Question number field needs to have an integer

1.3.1.2.2.1 This alternative flow begins at System checks to see if the value in the domain field is an integer. (Step 1.3.1.1.5 Part B)

1.3.1.2.2.2. The system detects the value in the question number field is not an integer.

1.3.1.2.2.3 The system refreshes the page, letting the user know that the question number field needs to have an integer.

1.3.1.2.2.4 Use case returns to the superadmin edits the information for the question (Step 1.3.1.1.4)

1.3.1.3. The superadmin exits the page because he/she does not edit a question.

1.3.1.3.1 This alternative flow begins at the system Displays the form for the information about the question.

1.3.1.3.2 User clicks on Back.

1.3.1.3.3 System displays the list of questions (Use case returns to 1.2.3)

## **Adding a new question**

1.3.2.1 Basic Steps:

1.3.2.1.1 This Alternative Flow begins at System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.7).

1.3.2.1.2 The superadmin clicks “Add Question”.

1.3.2.1.3 The system displays blank information for the topic and question fields in the form (Step 1.3.1.1.3)

1.3.2.1.4 The use case returns to 1.3.1.1.4.

1.3.2.2 The superadmin exits the page because he/she does not edit a question. (see steps of alternative flow 1.3.1.3)

## **Edit Topic**

1.3.3.1 Basic Steps

### 1.3.3.1.1 This Alternative Flow begins at System displays information for the topic of the Topics, the Topics themselves, and a couple of buttons that allow the superadmin to edit or delete the Topic (Step 1.2.7).

### 1.3.3.1.2 The admin clicks the edit button next to the Topic.

1.3.3.1.3 The system Displays the form for the information about the Topic (the Topic and the Topic number) and a back button.

1.3.3.1.4 The superadmin edits the information for the Topic. He/she could edit the Topic, or both.

1.3.3.1.5 The superadmin clicks update.

1.3.X

1.3.3.1.6 System validates the input and displays a success message.

a. System checks to see if there are empty fields.

b. System displays “Topic Updated” that has an OK option.

1.3.3.1.7 System updates the Topic in the database.

1.3.3.1.8 Use case ends at System displays information for the domains, themselves, and a couple of buttons that allow the superadmin to edit or hide/show the domain. Below that the system displays the add domain button. (Step 1.2.3)

#### 1.3.3.2 There is invalid input

1.3.3.2.1 There is an empty field

1.3.3.2.1.1 This alternative flow begins at System checks to see if there are empty fields. (Step 1.3.3.1.5 Part A)

1.3.3.2.1.2 The System detects there is an empty field.

1.3.3.2.1.3 The System refreshes the page, showing the fields that need to have a value

1.3.3.2.1.4 Use case returns to the superadmin edits the information for the Topic (Step 1.3.1.1.4)

1.3.1.2.2 The Topic number field needs to have an integer

1.3.1.2.2.1 This alternative flow begins at System checks to see if the value in the domain field is an integer. (Step 1.3.1.1.5 Part B)

1.3.1.2.2.2. The system detects the value in the Topic number field is not an integer.

1.3.1.2.2.3 The system refreshes the page, letting the user know that the Topic number field needs to have an integer.

1.3.1.2.2.4 Use case returns to the superadmin edits the information for the Topic (Step 1.3.1.1.4)

1.3.1.3. The superadmin exits the page because he/she does not edit a Topic.

1.3.1.3.1 This alternative flow begins at the system Displays the form for the information about the Topic.

1.3.1.3.2 User clicks on Back.

1.3.1.3.3 System displays the list of topics and questions (Use case returns to 1.2.7)

## **Adding a new topic**

1.3.4.1 Basic Steps:

1.3.4.1.1 This Alternative Flow begins at System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.7).

1.3.4.1.2 The superadmin clicks “Add Topic”.

1.3.4.1.3 The system displays blank information for the topic and question fields in the form (Step 1.3.1.1.3)

1.3.4.1.4 The use case returns to 1.3.1.1.4.

1.3.2.2 The superadmin exits the page because he/she does not edit a question. (see steps of alternative flow 1.3.1.3)

## **Editing a domain**

1.3.1.1 Basic Steps

### 1.3.1.1.1 This Alternative Flow begins at System displays information of Domains, the Domains themselves, and a couple of buttons that allow the superadmin to edit or delete the Domain (Step 1..2.7).

### 1.3.1.1.2 The admin clicks the edit button next to the Domain.

1.3.1.1.3 The system Displays the form for the information about the Domain (the Domain and the Domain number) and a back button.

1.3.1.1.4 The superadmin edits the information for the Domain. He/she could edit the Domain, or both.

1.3.1.1.5 The superadmin clicks update.

1.3.X

1.3.1.1.6 System validates the input and displays a success message.

a. System checks to see if there are empty fields.

b. System displays “Domain Updated” that has an OK option.

1.3.1.1.7 System updates the Domain in the database.

1.3.1.1.8 Use case ends at System displays information for the domains, themselves, and a couple of buttons that allow the superadmin to edit or hide/show the domain. Below that the system displays the add domain button. (Step 1.2.3)

#### 1.3.1.2 There is invalid input

1.3.1.2.1 There is an empty field

1.3.1.2.1.1 This alternative flow begins at System checks to see if there are empty fields. (Step 1.3.1.1.5 Part A)

1.3.1.2.1.2 The System detects there is an empty field.

1.3.1.2.1.3 The System refreshes the page, showing the fields that need to have a value

1.3.1.2.1.4 Use case returns to the superadmin edits the information for the Domain (Step 1.3.1.1.4)

1.3.1.2.2 The Domain number field needs to have an integer

1.3.1.2.2.1 This alternative flow begins at System checks to see if the value in the domain field is an integer. (Step 1.3.1.1.5 Part B)

1.3.1.2.2.2. The system detects the value in the Domain number field is not an integer.

1.3.1.2.2.3 The system refreshes the page, letting the user know that the Domain number field needs to have an integer.

1.3.1.2.2.4 Use case returns to the superadmin edits the information for the Domain (Step 1.3.1.1.4)

1.3.1.3. The superadmin exits the page because he/she does not edit a Domain.

1.3.1.3.1 This alternative flow begins at the system Displays the form for the information about the Domain.

1.3.1.3.2 User clicks on Back.

1.3.1.3.3 System displays the list of Domains (Use case returns to 1.2.3)

## **Adding a new domain**

1.3.3.1 Basic Steps:

1.3.3.1.1 This alternative flow begins at System displays the name of the domains, the information of the domains, the number of the domains, and a couple of buttons that allow the superadmin to edit or delete the domain. Step(

1.3.3.1.2 The superadmin clicks “Add Domain”.

1.3.3.1.3 The system displays blank information for the domain name in the form

1.3.3.1.4 The use case returns to 1.3.5.1.4.

1.3.3.2 The superadmin exits the page because he/she does not edit a domain. (see steps of alternative flow 1.3.1.3)

## **Hiding Domain**

1.3.3.1: System displays information for the domains, themselves, and a couple of buttons that allow the superadmin to edit or hide/show the domain. Below that the system displays the add domain button (Step 1.2.3).

1.3.3.2 The admin clicks active button on the row of the domain that they would like to see. page.

1.3.3.3 The system deletes the question from the database.

1.3.3.4 The system refreshes the page.

1.3.3.5 The system notifies the user that the question will be hidden on the survey..

1.3.3.6 Use case continues with Admin takes a view of the domains (Step 1.2.3).

## **Showing Domain**

1.3.7.1: System displays information for the domains, themselves, and a couple of buttons that allow the superadmin to edit or hide/show the domain. Below that the system displays the add domain button (Step 1.2.3).

1.3.7.2 The admin clicks inactive on the page on the row of the domain.

1.3.7.3 The system makes the question active..

1.3.7.4 The system refreshes the page.

1.3.7.5 The system notifies the user that the domain will appear on the survey.

1.3.7.6 Use case continues with Admin takes a view of the domains(Step 1.2.3).

## **Hiding a question**

1.3.8.1: This alternative flow begins with System displays information for the domain of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.5).

1.3.8.2 The admin clicks Active button next to the question.

1.3.8.3 The system hides the question from the survey..

1.3.8.4 The system refreshes the page.

1.3.8.5 The system notifies the user that the prompt is hidden

## **Showing a question**

1.3.9.1: This alternative flow begins with System displays information for the domain of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.5).

1.3.9.2 The admin clicks InActive button next to the question.

1.3.9.3 The system shows the question in the survey..

1.3.9.4 The system refreshes the page.

1.3.9.5 The system notifies the user that the prompt is showed.

## **Hiding a Topicc**

1.3.10.1: This alternative flow begins with System displays information for the domain of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.5).

1.3.10.2 The admin clicks Active button next to the question.

1.3.10.3 The system hides from the survey.

1.3.10.4 The system refreshes the page.

1.3.10.5 The system notifies the user that the topic has been hidden..

## **Showing a Topic**

1.3.12.1: This alternative flow begins with System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.5).

1.3.12.2 The admin clicks the Inactive button next to the question.

1.3.12.3 The system shows the topic in the survey.

1.3.12.4 The system refreshes the page.

1.3.12.5 The system notifies the user that the topic is showing.

## **Sorting Question**

1.3.13.1: This alternative flow begins with System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.3).

1.3.13.2 The admin clicks one of the sort buttons at the top of the page

1.3.13.3 The system sorts the questions in the survey.

1.3.13.4 The system refreshes the page

## **Sorting Topic**

1.3.13.1: This alternative flow begins with System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.3).

1.3.13.2 The admin clicks one of the sort buttons at the top of the page

1.3.13.3 The system sorts the questions in the survey.

1.3.13.4 The system refreshes the page

## **Sorting Question**

1.3.13.1: This alternative flow begins with System displays information for the topic of the questions, the questions themselves, and a couple of buttons that allow the superadmin to edit or delete the question (Step 1.2.3).

1.3.13.2 The admin clicks one of the sort buttons at the top of the page

1.3.13.3 The system sorts the questions in the survey.

1.3.13.4 The system refreshes the page

# **Subflows**

## **There are no subflows**

# **Key Scenarios**

Notes: Editing a survey consists of Scenarios 1.5.1.1 - 1.5.1.4

1.5.1 Success Scenarios:

1.5.1.1 Superadmin submits a question (Alternative Flows 1.3.1.1, 1.3.2.1)

1.5.1.2 Superadmin deletes a question (Alternative Flow 1.3.9, 1.3.10)

1.5.1.3 Superadmin submits a domain (Alternative Flows 1.3.5.1, 1.3.3.1, 1.3.3.3)

1.5.1.4 Superadmin deletes a domain (Alternative Flow 1.3.8.1)

1.5.1.3 Superadmin submits a topic (Alternative Flows 1.3.5.1, 1.3.3.1, 1.3.3.3)

1.5.1.4 Superadmin deletes a topic (Alternative Flow 1.3.10)

1.5.2 Failure Scenarios:

1.5.2.1 Superadmin submits invalid input (Alternative Flows 1.3.1.2, 1.3.3.2, 1.3.5.2,

# **Preconditions**

## **The superadmin needs to be logged in.**

# **Postconditions**

## **The survey is successfully updated.**