



# WEB ADMIN CMS USER MANUAL

8/23/2013

Graduate Capstone



## Table of Contents

1 Introduction.....	4
1.1 Intended Audience .....	4
1.2 References.....	4
1.3 Revision History .....	4
2 Set Up.....	5
2.1 General Flow of the Web App.....	5
3 Main Menu.....	6
4 Code Administration .....	6
4.1 Code Type Manager .....	7
4.1.1 Add Code .....	8
4.1.2 Code Type List .....	8
4.2 Code Type Page.....	9
4.2.1 Add Code .....	9
4.2.2 Delete Code Type .....	10
4.2.3 Save Code Type Changes.....	10
4.2.4 Code Entry (Edit and Delete) .....	10
4.3 Code Page.....	10
4.3.1 Edit Code.....	11
4.3.2 Delete Code .....	11
4.3.3 Save Code Changes.....	11
5 Company and Survey Administration .....	12
5.1 Company Manager .....	13
5.1.1 Add Company .....	13
5.1.2 Company List .....	14
5.2 Company Page.....	14
5.2.1 Edit Company.....	15
5.2.2 Delete Company .....	15
5.2.3 Add Survey .....	15
5.2.4 Survey List .....	16
5.3 Survey Page.....	16
5.3.1 Edit Survey.....	17
5.3.2 Delete Survey .....	17
5.3.3. Add Revision .....	17
5.3.4 Revision List .....	18
5.4 Revision Page.....	18
5.4.1 Edit Revision.....	19
5.4.2 Delete Revision .....	19
5.4.3 Add Question .....	19
5.4.4 Question List .....	20
5.4.5 Link Questions.....	20





5.4.6 Perform Automated Test.....	21
5.5 Question Page.....	21
5.5.1 Edit Question.....	22
5.5.2 Delete Question .....	22
5.5.3 Add Form Element .....	22
5.5.4 List of Form Elements .....	23
5.5.5 Add Automation Element.....	23
5.5.6 List of Automation Elements.....	24
5.5.7 Delete All Form Flows .....	24
5.5.8 Delete All Automation Flows.....	24
5.6 Form Element Page .....	25
5.6.1 Edit Form Element.....	25
5.6.2 Delete Form Element .....	26
5.6.3 Add Form Element Option .....	26
5.6.4 List Form Element Options .....	26
5.6.5 Add Form Element Attribute .....	27
5.6.6 List Form Element Attribute.....	27
5.7 Form Element Option Page .....	28
5.7.1 Edit Form Element Option.....	28
5.7.2 Delete Form Element Option .....	29
5.8 Command Element Page .....	29
5.8.1 Edit Command Element .....	30
5.8.2 Delete Command Element.....	30
5.8.3 Add Command Element Identifier .....	31
5.8.4 List Command Element Identifier .....	31
5.8.5 Add Command Form Element Relation .....	32
5.8.6 List Command Form Element Relation .....	32
5.9 Command Element Identifier Page.....	33
5.9.1 Edit Command Element Identifier.....	33
5.9.2 Delete Command Element Identifier .....	34
7 Frequently Asked Questions.....	35
7.1 I made a change, but the webpage didn't update? .....	35
7.2 Are there any credentials need to use the Admin Site .....	35



# 1 Introduction

The purpose of this document is to explain and give an in depth analysis on the structure, design and make up of Company Survey Websites. By doing so, this will give a great understanding to the complexity involved with having to re-create these surveys in the system.

## 1.1 Intended Audience

This document is intended for persons trying to understand the fundamental business side of how survey work for this project. The goal is for those individuals to learn about the surveys and learn what is involved to recreate the surveys in the system.

## 1.2 References

No references were used.

## 1.3 Revision History

Managing the change history of this document will occur in this table.

Name	Date	Reason For Change	Version
Andy Bottom	08/08/2013	Created the introduction and parts of the document.	0.1
Andy Bottom	08/22/2013	Finished the rest of the manual.	1.0

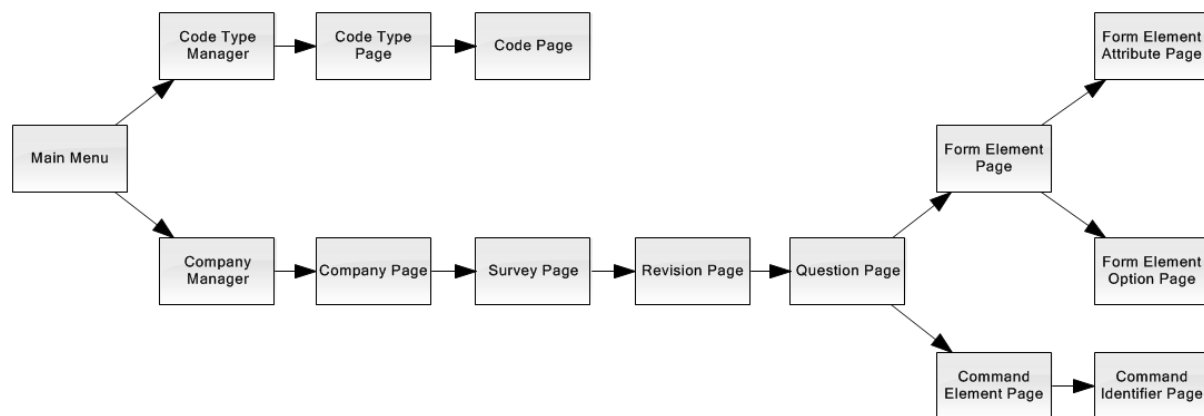


## 2 Set Up

The Web Admin requires a server running .Net 4.0 and up in order to run. The project can be supplied upon request.

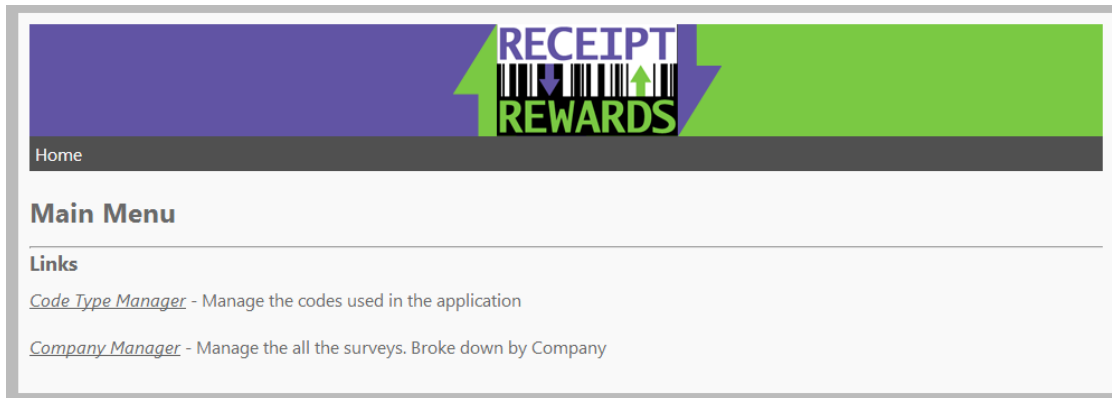
### 2.1 General Flow of the Web App

Below is a diagram which shows the overall flow of the Web Admin CMS Application and the interaction between pages.



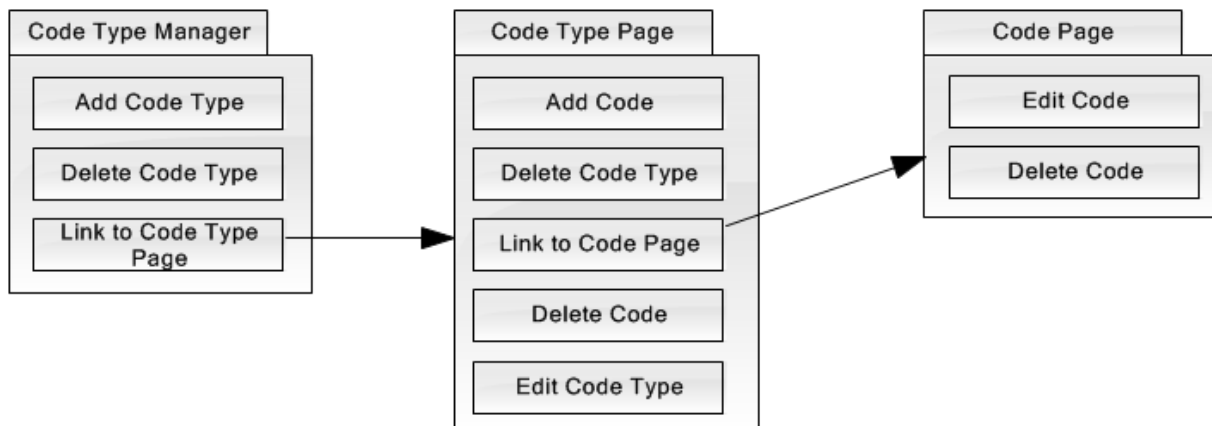
### 3 Main Menu

The main menu contains the links to the major sections of the application. All the administrator functionality can be linked to from this page.



### 4 Code Administration

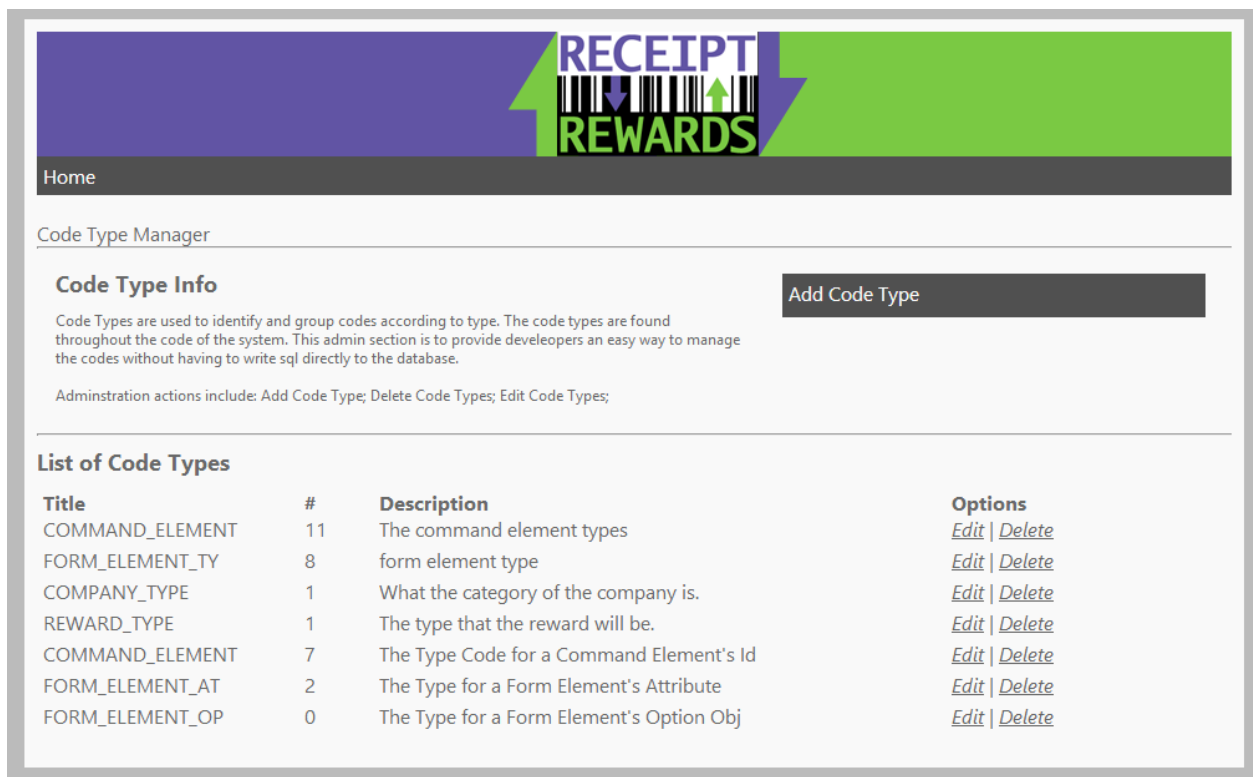
The Code Administration of the Application is used to manage all the codes and code types of the system. The codes are essentially constants of the system that are used and referenced in the code.



## 4.1 Code Type Manager

The Code Type Manager page is used to manage all the Code Types in the system. Code Types are essentially categories for the Codes. The Code Types have a certain purpose and part of the system for specialized functionality.

Code Types will be updated infrequently and almost always be updated by a developer. The reason is because when code types need to be updated, it almost always involves is due to a new development request that needs the new Code Type. Otherwise, most code types have no need to be updated once they are made. Also, it is very important to be diligent when deleting a code or code type because there may be references associated to those.



Home

### Code Type Manager

#### Code Type Info

Code Types are used to identify and group codes according to type. The code types are found throughout the code of the system. This admin section is to provide developers an easy way to manage the codes without having to write sql directly to the database.

Administration actions include: Add Code Type; Delete Code Types; Edit Code Types;

[Add Code Type](#)

#### List of Code Types

Title	#	Description	Options
COMMAND_ELEMENT	11	The command element types	<a href="#">Edit</a>   <a href="#">Delete</a>
FORM_ELEMENT_TY	8	form element type	<a href="#">Edit</a>   <a href="#">Delete</a>
COMPANY_TYPE	1	What the category of the company is.	<a href="#">Edit</a>   <a href="#">Delete</a>
REWARD_TYPE	1	The type that the reward will be.	<a href="#">Edit</a>   <a href="#">Delete</a>
COMMAND_ELEMENT	7	The Type Code for a Command Element's Id	<a href="#">Edit</a>   <a href="#">Delete</a>
FORM_ELEMENT_AT	2	The Type for a Form Element's Attribute	<a href="#">Edit</a>   <a href="#">Delete</a>
FORM_ELEMENT_OP	0	The Type for a Form Element's Option Obj	<a href="#">Edit</a>   <a href="#">Delete</a>





Add Code Type

Create Code Type

Type:

Description:

Add Code Type

### 4.1.1 Add Code

- Use the Add Code Type form to add a new Code Type to the system.
- The Type field is a unique string to identify a single Code Type
- The description field is a string which types will be used in reference

### 4.1.2 Code Type List

On the Code Type Manager is a list of all the Code Types in the system. With this list you can perform a delete of the Code Type. Also, if you wish to edit the Code Type, click the “edit” link and that will take you to the Code Type Page.

#### List of Code Types

Title	#	Description	Options
COMMAND_ELEMENT	11	The command element types	<a href="#">Edit</a>   <a href="#">Delete</a>
FORM_ELEMENT_TY	8	form element type	<a href="#">Edit</a>   <a href="#">Delete</a>
COMPANY_TYPE	1	What the category of the company is.	<a href="#">Edit</a>   <a href="#">Delete</a>
REWARD_TYPE	1	The type that the reward will be.	<a href="#">Edit</a>   <a href="#">Delete</a>
COMMAND_ELEMENT	7	The Type Code for a Command Element's Id	<a href="#">Edit</a>   <a href="#">Delete</a>
FORM_ELEMENT_AT	2	The Type for a Form Element's Attribute	<a href="#">Edit</a>   <a href="#">Delete</a>
FORM_ELEMENT_OP	0	The Type for a Form Element's Option Obj	<a href="#">Edit</a>   <a href="#">Delete</a>





## 4.2 Code Type Page

The Code Type page is the page that allows you to manage all aspects of a code that is in the system. You can also manage Codes that are part of that Code Type.

Home >> TEST\_CODE\_TYPE

TEST\_CODE\_TYPE

Type  
TEST\_CODE\_TYPE

Description  
This is a Test Code Type.

Add Code

Delete Code Type

Save All Changes

**List of Codes**

Code	Name	Description	Options
TEST_CODE	Test Code	This is a test code.	<a href="#">Edit</a>   <a href="#">Delete</a>

Add Code

**Create Code**

Code

Name

Description

Add Code

### 4.2.1 Add Code

Use the Add Code form to add a new Code to the current Code Type.

- The Code field is a unique identifying name.
- The name is the human readable version of the code.
- Description is a description to describe what purpose the Code has.



#### 4.2.2 Delete Code Type

Delete Code Type

To delete a Code Type, click the “Delete Code Type” button.

#### 4.2.3 Save Code Type Changes

Save All Changes

To save changes to the Code Type, click the “Save All Changes” button.

#### 4.2.4 Code Entry (Edit and Delete)

At the bottom of the page is a list of Codes. These codes are all the codes that are part of the current Code Type. There are links to delete or edit that code. The edit will link to the Code Page for that code.

Code	Name	Description	Options
TEST_CODE	Test Code	This is a test code.	<a href="#">Edit</a>   <a href="#">Delete</a>

### 4.3 Code Page

The Code Page is the page to manage a Code that is in the system.

RECEIPT  
REWARDS

Home >> TEST\_CODE\_TYPE >> TEST\_CODE

TEST\_CODE

Code

TEST\_CODE

Type

Test Code

Description

This is a test code.

Code Type

TEST\_CODE\_TYPE

Delete Code

Save All Changes

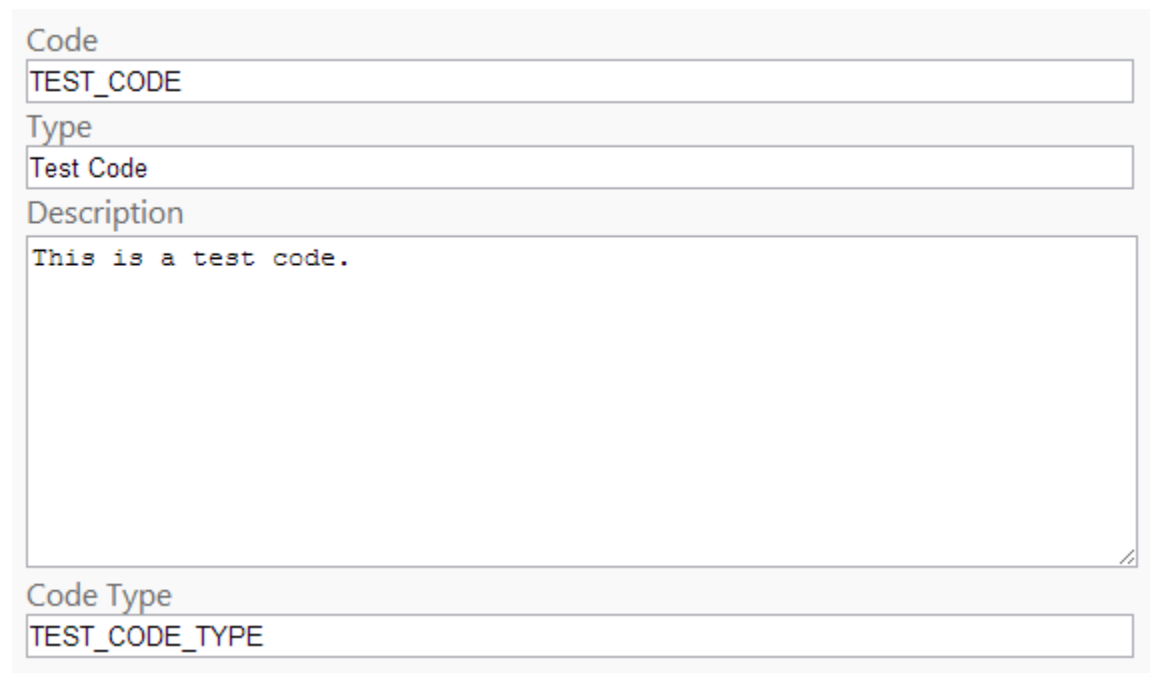


### 4.3.1 Edit Code

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The Edit form allows the user to update properties of the current Code.

- Code field is a string that represents the code, which is a computer readable identifier
- The name field is a human readable name for the code.
- The Description field is a string that summarizes the purpose of that code and what it represents.



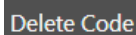
The screenshot shows the 'Edit Code' form with the following fields:

- Code:** A text input field containing 'TEST\_CODE'.
- Type:** A text input field containing 'Test Code'.
- Description:** A large text area containing 'This is a test code.' with a small cursor icon at the bottom right.
- Code Type:** A text input field containing 'TEST\_CODE\_TYPE'.

### 4.3.2 Delete Code

---

To delete the code, click the “Delete Code” button.

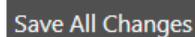


A dark gray rectangular button with the text 'Delete Code' in white.

### 4.3.3 Save Code Changes

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To save all the changed on the Edit Code form, then click the “Save All Changes” button

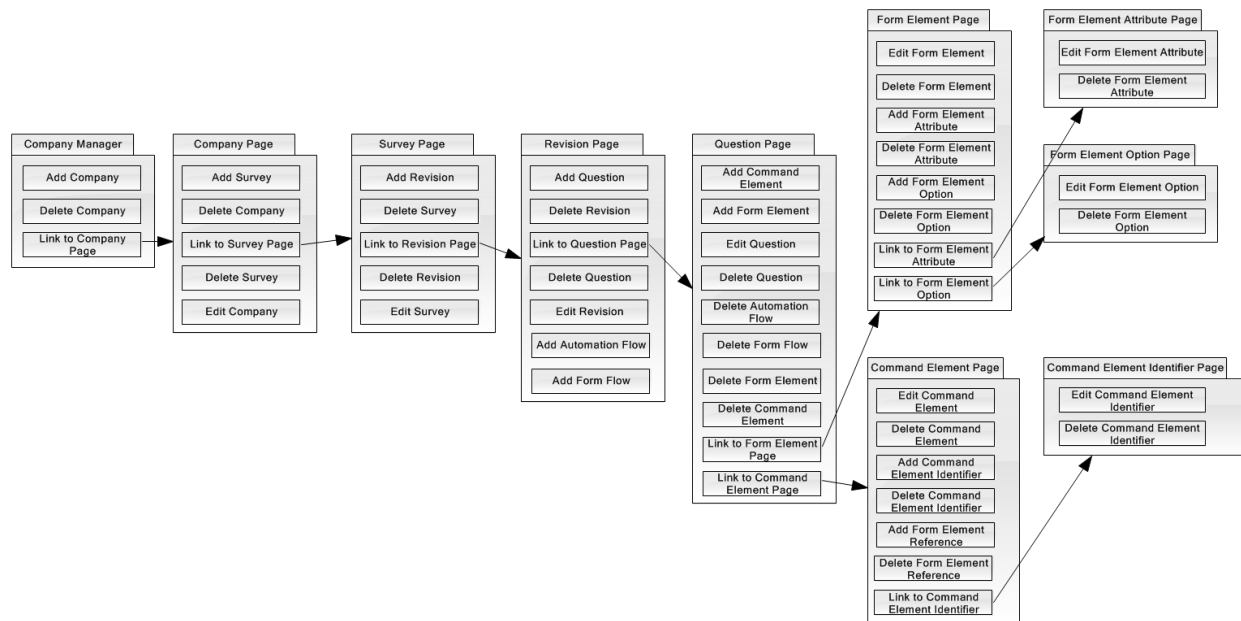


A dark gray rectangular button with the text 'Save All Changes' in white.



## 5 Company and Survey Administration

The following next module of the application involves managing all the surveys and company in the CMS. Below is a diagram showing the flow of the Company and Survey Administration Module with all the actions of each page.



## 5.1 Company Manager

The company manager is a list that displays all the companies in the system. This is the starting point to drill down into the companies.

The screenshot shows the 'Receipt Rewards' web application. At the top is a header with a purple and green logo. Below the header is a navigation bar with a 'Home' link. The main content area is titled 'Company Manager'. It features a 'Company Info' section on the left, which states 'These are all the companies in the system.' and 'Actions include Add, Delete, Edit.' To the right of this is a 'Create Company' form with a 'Name:' input field and an 'Add Company' button. Below the form is a 'Company List' table.

Name	#	Options
Culvers	0	<a href="#">Edit</a>   <a href="#">Delete</a>
Taco Bell	0	<a href="#">Edit</a>   <a href="#">Delete</a>
Dunkin Donuts	0	<a href="#">Edit</a>   <a href="#">Delete</a>
Test Company	0	<a href="#">Edit</a>   <a href="#">Delete</a>

### 5.1.1 Add Company

To add a new company to the system use the add company form. The “Name” field requests a string which would be the name of the Company. Then click the “Add Company” button to add the company to the system.

This is a close-up of the 'Add Company' form. It has a dark header with the text 'Add Company'. Below the header is a light gray section titled 'Create Company'. Inside this section, there is a 'Name:' label followed by a white input field. At the bottom of the section is a button labeled 'Add Company'.



### 5.1.2 Company List

On the Company Manager Page, you will find that there is a list which shows all the companies in the system. With this list, you can delete the company by clicking the “Delete” link. To edit the company, click the “Edit” link and that will direct you to the Company Page.

Test Company	0	<a href="#">Edit</a>   <a href="#">Delete</a>
--------------	---	---

### 5.2 Company Page

The Company Page is used to manage all the properties for any given Company object that is in the system. A Company is a representation of the actual Company of which the desired survey is actually a part of.

Home >> Test Company

Test Company

Name  
Test Company

Add Survey  
Delete Company  
Save All Changes

List of Surveys


Name	#	Options
Test Survey	0	<a href="#">Edit</a>   <a href="#">Delete</a>



### 5.2.1 Edit Company

---

To edit attributes about the Company, use the Edit Company Form. This form contains the Name of the Company which should be a string. Once you have entered in all the desired information, click the “Save All Changes” button to save your changes.



The screenshot shows a form titled 'Edit Company'. It contains a single text input field labeled 'Name' with the value 'Test Company' entered. To the right of the input field is a dark grey button with the text 'Save All Changes' in white.

### 5.2.2 Delete Company

---

To delete the current company from the system, click the “Delete Company” button. This will delete the company and redirect you back to the Company Manager Page. Remember, this action cannot be undone, and all the information associated to company will also be removed.

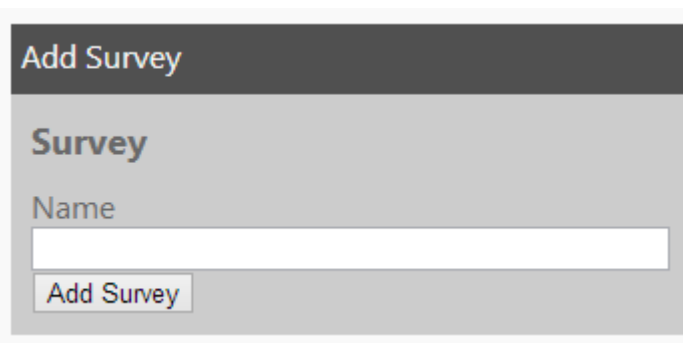


A dark grey rectangular button with the text 'Delete Company' in white.

### 5.2.3 Add Survey

---

To create a new survey for the company, use the “Add Survey” form. In this form, input a string value into the “Name” field, which would represent a meaningful name to that survey. Once the fields have been entered, click the “Add Survey” button and this will create the survey. You can now find the newly created Survey in the Survey List.



The screenshot shows a form titled 'Add Survey'. It contains a text input field labeled 'Name'. Below the input field is a button labeled 'Add Survey'. The form has a light grey background and a dark grey header bar with the title 'Add Survey'.




### 5.2.4 Survey List

To view a list of all the Surveys that are associated to the Company, look at the Survey List. In this list you can perform the following actions to the Survey. To delete the Survey, click the “Delete” link, which will remove the Survey and all related objects of the Survey in the system. If you want to make changes to the Survey, click the “Edit” link and you will be redirected to the Survey Page.

Name	#	Options
Test Survey	0	<a href="#">Edit</a>   <a href="#">Delete</a>

### 5.3 Survey Page

The Survey Page is a representation of a Survey Object in the database. The Survey is a representation of an actual Survey that will be created for users to fill out.



Home >> Test Company >> Test Survey

Test Company: Test Survey

Name

Test Survey

Add Revision

Delete Survey

Save All Changes

List of Revisions

Revision Number	Active	Date Created	Options
Test Revision	True	8/12/2013	<a href="#">Edit</a>   <a href="#">Delete</a>





### 5.3.1 Edit Survey

To change information of the current survey, use the “Edit Survey” form. This form contains a Name field which is a string of a meaningful name for the survey. Once all the fields have been entered, click the “Save All Changes” button. The page will refresh and you can see the new changes.

Name

Test Survey

Save All Changes

### 5.3.2 Delete Survey

To delete the current Survey from the system, click the “Delete Survey” button. This will delete the survey and redirect you back to the parent Company Page. Remember, this action cannot be undone, and all the information associated to survey will also be removed.

Delete Survey

### 5.3.3. Add Revision

To create a new Revision for the Survey, use the “Add Revision” form. In this form, input a string value into the “Revision Number” field, which would represent a meaningful name for what version of the revision it is. The “Active” checkbox sets whether it will be the active Revision of the Survey. Once all the fields have been entered, click the “Add Revision” button and this will create the Revision into the system. You can now find the newly created Revision in the Revision List. Note that if the new Revision gets marked as the active one, then the other Revision of the Survey will be set to inactive.

Add Revision

Revision

Revision Number

Active ☐

Add Revision



### 5.3.4 Revision List

On the Survey Page, you will find that there is a list which shows all the Revisions associated to the Survey. With this list, you can delete a Revision by clicking the “Delete” link. To edit the Revision, click the “Edit” link and that will direct you to the Revision Page.

Revision Number	Active	Date Created	Options
Test Revision	True	8/12/2013	<a href="#">Edit</a>   <a href="#">Delete</a>

### 5.4 Revision Page

The Revision Page is a representation of a Revision Object in the database. The Revision is a realization of an individual version of a Survey.

RECEIPT

REWARDS

Home >> Test Company >> Test Survey >> Test Revision

Test Company: Test Survey vTest Revision

Name

Test Revision

Active ☒

Add Question

Link Questions

Delete Revision

Save All Changes

Perform Automated Test

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque nisl mauris, mollis in pretium non, feugiat ut mi. Etiam facilisis suscipit turpis, vitae rhoncus elit sollicitudin at. Mauris id dui id metus egestas feugiat quis iaculis magna. Pellentesque fringilla venenatis lorem sed porta. Donec feugiat dui sed massa imperdiet ac euismod sapien sodales. Duis in congue purus. Quisque sed tincidunt arcu. Pellentesque enim urna, imperdiet sit amet pretium ut, auctor nec neque.

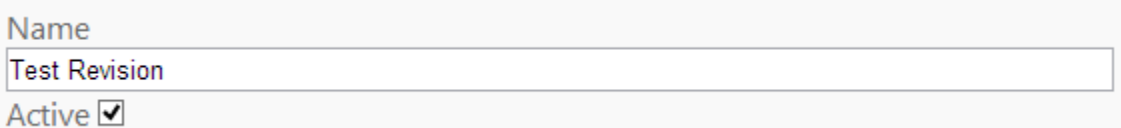
#### Questions

ID	Name	Frm Ref	Cmd Ref	Options
80	Start Question	81	81	<a href="#">Edit</a>   <a href="#">Delete</a>
81	Question 01			<a href="#">Edit</a>   <a href="#">Delete</a>
82	Question 02			<a href="#">Edit</a>   <a href="#">Delete</a>
83	Question 03			<a href="#">Edit</a>   <a href="#">Delete</a>



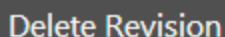
### 5.4.1 Edit Revision

To change information of the current Revision, use the “Edit Revision” form. This form contains the “Name” field which should be a string containing meaningful version name of the Revision. The “Active” field is a checkbox to determine if the current Revision is the active on for the Survey. Once all the fields have been entered, click the “Save All Changes” button. The page will refresh and you can see the new changes. Note that if you set the Revision to active, the other Revision will be set to inactive as only one Revision can be active per Survey.



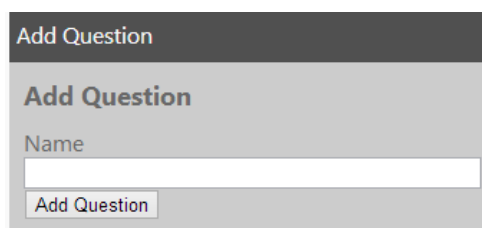
### 5.4.2 Delete Revision

To delete the current Revision from the system, click the “Delete Revision” button. This will delete the revision and redirect you back to the parent Survey Page. Remember, this action cannot be undone, and all the information associated to survey will also be removed. Also note, that very rarely, revisions should never be deleted if the Revision has been in use by users because this will delete all the references. Instead, it is advised to simply create a new revision and set that one as active. This way, this survey will be inactive, but still in the database to preserve the data.



### 5.4.3 Add Question

To create a new Question for the revision, use the “Add Question” form. In this form, input a string value into the “Name” field, which would represent a meaningful name to the question. Once all the fields have been entered, click the “Add Question” button and this will create the Question into the system. You can now find the newly created Question in the Question List.



#### 5.4.4 Question List

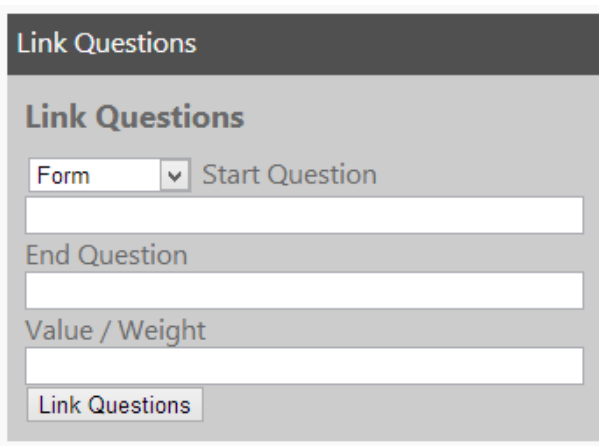
On the Revision Page, there is a list of all the Questions associated to the current Revision. The columns show properties of the Question. The ID column is the Question ID. The name column is the meaningful name of the Question. The Frm Ref is shows the ids of the next Questions in the Form flow. The Cmd Ref shows the next ids of Questions for the Automation flow. In the Options column, you can delete a Question by clicking the “Delete” link. To edit the Question, click the “Edit” link and that will direct you to the Question Page.

ID	Name	Frm Ref	Cmd Ref	Options
80	Start Question	81	81	<a href="#">Edit</a>   <a href="#">Delete</a>

#### 5.4.5 Link Questions

The “Link Questions” form is used to add new flows to a Question. There are two types of Flows, Form and Automation. The flow is essentially a reference for where the question could possibly go to next.

To create a new Flow for a Question, use the “Link Questions” form. Select either Form or Automation in the dropdown box for what flow the reference should be added to. The “Start Question” field requires an integer of the ID of the Question which the reference will be added to. The “End Question” field requires an integer of the ID of the Question which is the target of the reference. The “Value / Weight” field varies on the



flow. In the Form Flow, the field requires a string for the value that the flow will take if found, (the default flow is left blank.) In the Automation Flow, the field requires an integer to identify the prioritization weight of the flow. The default flow should have the largest value, which will execute last. Once all the fields have been entered, click the “Link Questions” button and this will

create the Flow reference into the system. You can now see the added flow reference under the Question in either the Frm Flow or Cmd Flow columns of the Question List.



### 5.4.6 Perform Automated Test

To test whether or not the revision still works, you can manually perform an automated test, but clicking the “Perform Automated test” button. If the test succeeds, then a success message will display saying the test was a success. Otherwise an error message will be returned. If an error message does occur, then a more

Perform Automated Test

thorough look is needed by the admin. Remember, a success means that the survey is up-to-date, but a failure doesn’t necessarily mean that the revision is out of date, but does require a further analysis.

## 5.5 Question Page

The Revision Page is the management of Question object in the database. The Question is a representation of a single question or section of the satisfaction survey.

RECEIPT  
REWARDS

Home >> Test Company >> Test Survey >> Test Revision >> Question 01

Test Company: Test Survey vTest Revision

Name

Question 01

Add Automation Command Element

Add Form Element

Delete Question

Delete All Form Flows

Delete All Automation Flows

Save All Changes

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque nisl mauris, mollis in pretium non, feugiat ut mi. Etiam facilisis suscipit turpis, vitae rhoncus elit sollicitudin at. Mauris id dui id metus egestas feugiat quis iaculis magna. Pellentesque fringilla venenatis lorem sed porta. Donec feugiat dui sed massa imperdiet ac euismod sapien sodales. Duis in congue purus. Quisque sed tincidunt arcu. Pellentesque enim urna, imperdiet sit amet pretium ut, auctor nec neque.

Automation

ID#	Type	Idntfs	Optns
132	TEXTBOX	0	<a href="#">Edt</a>   <a href="#">Dlt</a>
133	BUTTON	0	<a href="#">Edt</a>   <a href="#">Dlt</a>

Form

ID#	Type	Idntfs	Optns
137	LABEL	0	<a href="#">Edt</a>   <a href="#">DltUpDown</a>
138	TEXTBOX	0	<a href="#">Edt</a>   <a href="#">DltUpDown</a>

Web Admin CMS User Manual

21

### 5.5.1 Edit Question

To change information of the current Question, use the “Edit Question” form. This form contains the “Name” field which should be a string containing meaningful name of the Question. Once all the fields have been entered, click the “Save All Changes” button. The page will refresh and you can see the new changes.

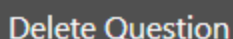
A dark grey rectangular button with the text "Save All Changes" in white.

Name

Question 01

### 5.5.2 Delete Question

To delete the current Question from the system, click the “Delete Question” button. This will delete the question and redirect you back to the parent Revision Page. Remember, this action cannot be undone, and all the information associated to question will also be removed.

A dark grey rectangular button with the text "Delete Question" in white.

### 5.5.3 Add Form Element

To create a new Form Element for the Question, use the “Add Form Element” form. In this form, select the desired “Type” from the drop down box which would represent what type of form element it is, (the options are created from the Codes in the FORM\_ELEMENT\_TYPE code type.) Another option is to input an integer of an existing Form Element’s id. This will create a new reference to the current question, (and not create a new Form Element.) Otherwise, once all the desired fields have been entered, click the “Add Form Element” button and this will create the Form Element into the system. You can now find the newly created or associated Form Element in the Form Element List.

Add Form Element

Add Form Element

Type

Textbox

or from existing

Add Form Element

what type of form element it is, (the options are created from the Codes in the FORM\_ELEMENT\_TYPE code type.) Another option is to input an integer of an existing Form Element’s id. This will create a new reference to the current question, (and not create a new Form



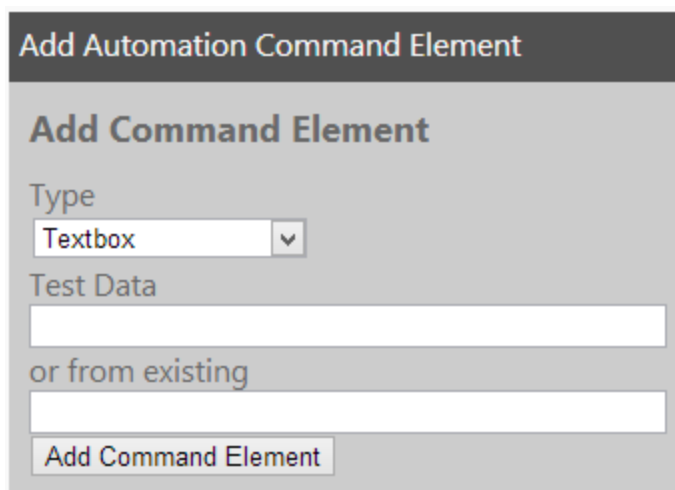
### 5.5.4 List of Form Elements

On the Question Page, there is a list of all the Form Elements associated to the current Question and Form. The columns display several attributes. The ID column is the Form Element Id. The type column is the Type of the Form Element. In the Options column, you can delete a Command Element by clicking the “Delete” link. To edit the Form Element, click the “Edit” link and that will direct you to the Form Element Page.

ID#	Type	Idntfs	Optns
137	LABEL	0	<a href="#">Edt</a>   <a href="#">DltUpDown</a>
138	TEXTBOX	0	<a href="#">Edt</a>   <a href="#">DltUpDown</a>

### 5.5.5 Add Automation Element

To create a new Automation Element for the Question, use the “Add Command Element” form. In this form, select the desired “Type” from the drop down box which would represent what type of Command Element it is, (the options are created from the Codes in the COMMAND\_ELEMENT\_TYPE code type.) Another option is to input an integer of an existing Command Element’s id. This will create a new reference to the current question, (and not create a new Command Element.) Otherwise, once all the desired fields have been entered, click the “Add Command Element” button and this will create the Command Element into the system. You can now find the newly created or associated Command Element in the Command Element List.



### 5.5.6 List of Automation Elements

On the Question Page, there is a list of all the Command Elements associated to the current Question and Automation. The columns display several attributes. The ID column is the Command Element Id. The type column is the type of the Command Element. In the Options column, you can delete a Command Element by clicking the “Delete” link. To edit the Command Element, click the “Edit” link and that will direct you to the Command Element Page.

ID#	Type	Idntfs	Optns
132	TEXTBOX	0	<a href="#">Edt</a>   <a href="#">Dlt</a>
133	BUTTON	0	<a href="#">Edt</a>   <a href="#">Dlt</a>

### 5.5.7 Delete All Form Flows

Delete All Form Flows

To delete the all Form Flows related to the current Question, click the “Delete All Form Flows” button. This will delete the associated Form Flows. Remember, this action cannot be undone, and all the references that the Form Flows created will be removed.

### 5.5.8 Delete All Automation Flows

To delete the all Automation Flows related to the current Question, click

Delete All Automation Flows

the “Delete All Automation Flows” button. This will delete the associated Automation Flows. Remember, this action cannot be undone, and all the references that the Automation Flows created will be removed.





## 5.6 Form Element Page

The Form Element Page is the management of Form Element object in the database. The Form Element is a representation of a single element (textbox, checkbox, etc...) in the satisfaction survey.

RECEIPT  
REWARDS

Home >> Test Company >> Test Survey >> Test Revision >> Question 01

Test Company: Test Survey

Type  
Textbox

Add Attribute  
Add Option  
Delete Form Element  
Save All Changes

List of Attributes

Type	Value	Options
------	-------	---------

List of Options

ID	Text	Value	Options
408	Test	Test	<a href="#">Edit</a>   <a href="#">Delete</a>

### 5.6.1 Edit Form Element

To change information of the current Form Element, use the “Edit Form Element” form.

Type  
Textbox

This form contains the “Type” field which is a dropdown box. Choose the option for what type the Form Element should be displayed as. Once all the fields have been entered, click the

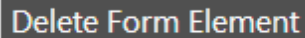
“Save All Changes” button. The page will refresh and you can see the new changes.

Save All Changes



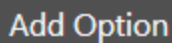
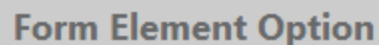
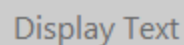

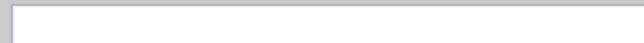
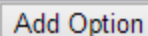
### 5.6.2 Delete Form Element

To delete the current Form Element from the system, click the “Delete Form Element” button. This will delete the form element and redirect you back to the parent Question Page. Remember, this action cannot be undone, and all the information associated to form element will also be removed.

A dark gray rectangular button with the text "Delete Form Element" in white.

### 5.6.3 Add Form Element Option

To create a new Form Element Option for the Form Element, use the “Add Option” form. In this form, input a string value into the “Display Text” field, which would represent what the text of the option will be displayed to the user. The “Value” field is a string of the hidden value of the field that will be placed in the Submission Answer when the user submits the Form.

A dark gray header bar with the text "Add Option" in white.A light gray bar with the text "Form Element Option" in dark gray.The text "Display Text" in a light gray font.A white rectangular input field for the Display Text.The text "Value" in a light gray font.A white rectangular input field for the Value.A light gray button with the text "Add Option" in dark gray.

Once all the fields have been entered, click the “Add Option” button and this will create the Form Element Option into the system. You can now find the newly created Form Element Option in the Form Element Option List.

### 5.6.4 List Form Element Options

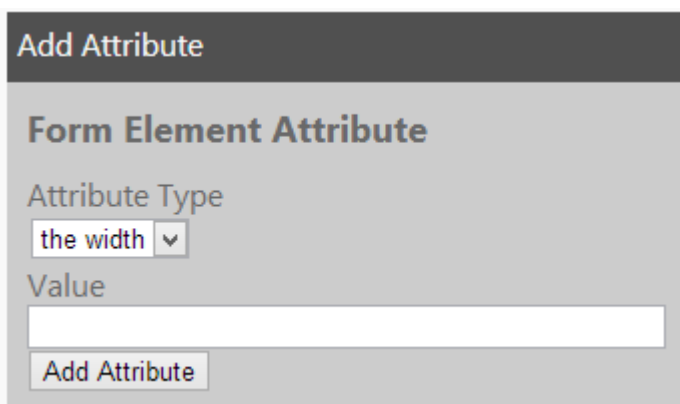
On the Form Element Page, there is a list of all the Form Element Options associated to the current Form Element. The columns display several attributes. The ID column is the Form Element Option Id. The text column is the Display Text of the Form Element Option. The value column shows the hidden value of the Form Element Option. In the Options column, you can delete a Form Element Option by clicking the “Delete” link. To edit the Form Element Option, click the “Edit” link and that will direct you to the Form Element Option Page.

ID	Text	Value	Options
408	Test	Test	<a href="#">Edit</a>   <a href="#">Delete</a>



### 5.6.5 Add Form Element Attribute

To create a new Form Element Option for the Form Element, use the “Add Option” form. In this form, select an option in the “Attribute Type” field which indicated which attribute property will be added to the Form Element.. The “Value” field is a string of what the value for the new



attribute should be. Once all the fields have been entered, click the “Add Attribute” button and this will create the Form Element Attribute into the system. You can now find the newly created Form Element Attribute in the Form Element Attribute List.

### 5.6.6 List Form Element Attribute

On the Form Element Page, there is a list of all the Form Element Attributes associated to the current Form Element. The columns display several attributes. The ID column is the Form Element Attribute Id. The type column is the Form Element Attribute’s type.

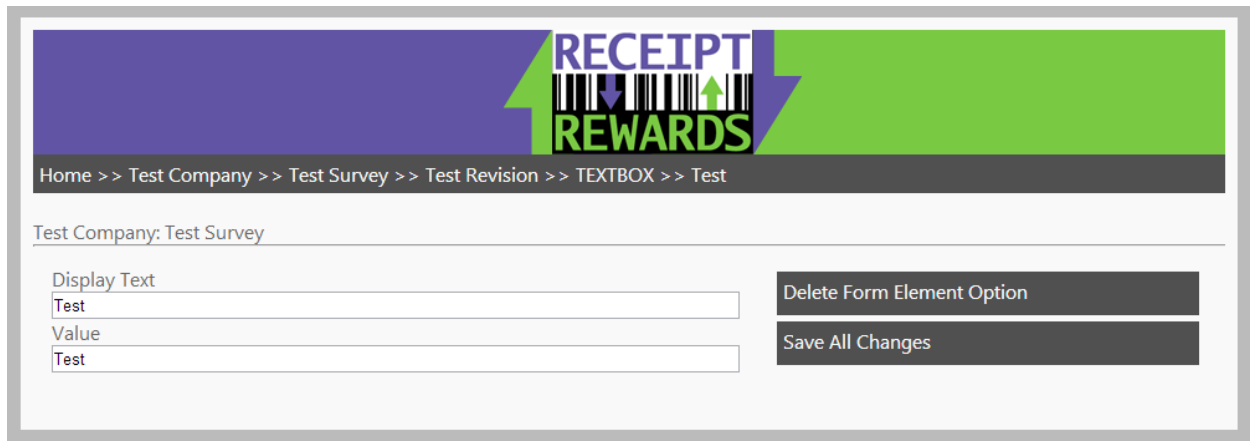
Type	Value	Options
------	-------	---------

The value column is the value of the Form Element Attribute. In the Options column, you can delete a Form Element Attribute by clicking the “Delete” link. To edit the Form Element Attribute, click the “Edit” link and that will direct you to the Form Element Attribute Page.



## 5.7 Form Element Option Page

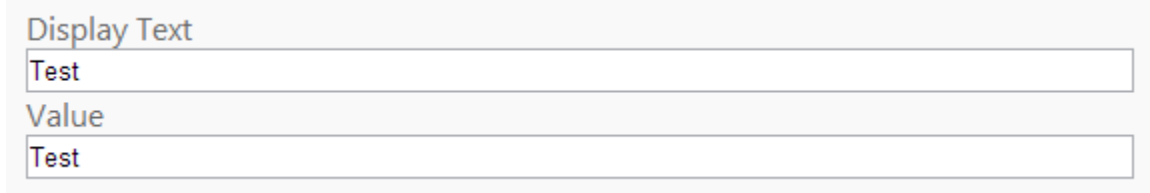
The Form Element Option Page is the management of a single Form Element Option object in the database. The Form Element Option is a representation of a single option of a dropdown box, radio button, or checkbox in the satisfaction survey.



The screenshot shows a web application interface. At the top, there is a banner with a purple and green background and the text "RECEIPT REWARDS" with a barcode. Below the banner is a breadcrumb trail: "Home >> Test Company >> Test Survey >> Test Revision >> TEXTBOX >> Test". Underneath, it says "Test Company: Test Survey". There are two input fields: "Display Text" with the value "Test" and "Value" with the value "Test". To the right of these fields are two buttons: "Delete Form Element Option" and "Save All Changes".

### 5.7.1 Edit Form Element Option

To change information of the current Form Element Option, use the “Edit Form Element Option” form. This form contains the “Display Text” field which should be a string of what the text should display as. The “Value” should be a string for what the hidden value will be stored. Once all the fields have been entered, click the “Save All Changes” button. The page will refresh and you can see the new changes.



The screenshot shows a form with two input fields. The first field is labeled "Display Text" and contains the text "Test". The second field is labeled "Value" and also contains the text "Test".



### 5.7.2 Delete Form Element Option

To delete the current Form Element Option from the system, click the “Delete Form Element Option” button. This will delete the form element and redirect you back to the parent Form Element Page. Remember, this action cannot be undone, and all the information associated to form element option will also be removed.

Delete Form Element Option

## 5.8 Command Element Page

The Command Element Page is the management of a single Command Element object in the database. The Command Element is a representation of the single action involved with filling out the satisfaction survey.

Home >> Test Company >> Test Survey >> 5 >> TEXTBOX

Test Company: Test Survey

Type  
Textbox

Test Data  
Test

Add Command Identification  
Delete Command Element  
Add Form Element Relation  
Save All Changes

**List of Identifications**

Type	Value	Options
XPATH	/html/body/div[@id='Test']	<a href="#">Edit</a>   <a href="#">Delete</a>

**List of Form Element Relations**

Relation ID	Form Element ID	Options
72	138	<a href="#">Delete</a>



### 5.8.1 Edit Command Element

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To change information of the current Command Element, use the “Edit Command Element” form. This form contains the “Type” field which is a dropdown box. Choose the option for what type the Form Element should be displayed as. The “Test Data” should be a string of what the Web Driver will use for the test automation.

Save All Changes

Once all the fields have been entered, click the “Save All Changes” button. The page will refresh and you can see the new changes.



Type  
Textbox

Test Data  
Test

### 5.8.2 Delete Command Element

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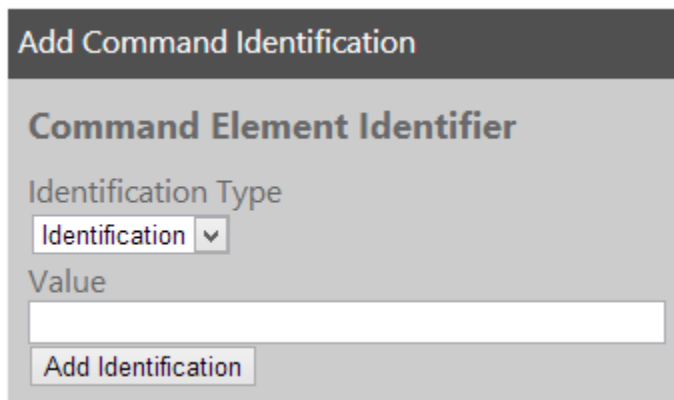
To delete the current Command Element from the system, click the “Delete Command Element” button. This will delete the command element and redirect you back to the parent Question Page. Remember, this action cannot be undone, and all the information associated to command element will also be removed.

Delete Command Element



### 5.8.3 Add Command Element Identifier

To create a new Command Element Identifier for the Command Element, use the “Add Identification” form. In this form, select an option in the “Identification Type” field which indicates what the Command Element will be identified by the Web Driver. The “Value” field is a string of what the value for the new identifier is and will be looked for by the Web Driver. Once all the fields have been entered, click the “Add Identification” button and this will create the Command Element Identifier into the system. You can now find the newly created Command Element Identifier in the Command Element Identifier List.



### 5.8.4 List Command Element Identifier

On the Command Element Page, there is a list of all the Command Element Identifier associated to the current Command Element. The columns display several attributes.

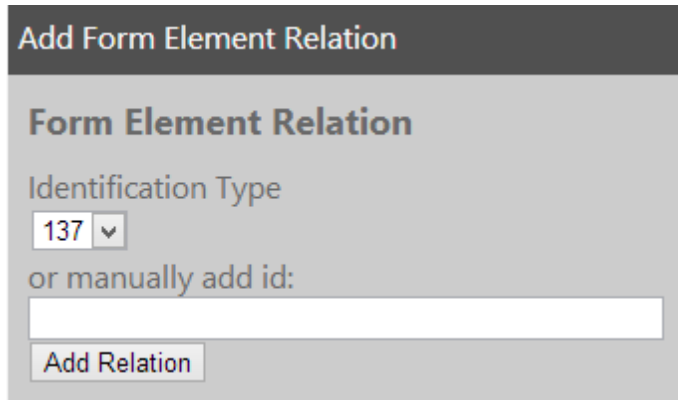
Type	Value	Options
XPATH	/html/body/div[@id='Test']	<a href="#">Edit</a>   <a href="#">Delete</a>

The ID column is the Command Element Identifier Id. The type column is the Command Element Identifier’s type. The value column is the value of the Command Element Identifier. In the options column, you can delete a Command Element Identifier by clicking the “Delete” link. To edit the Command Element Identifier, click the “Edit” link and that will direct you to the Command Element Identifier Page.



### 5.8.5 Add Command Form Element Relation

To create a new Form Element Relation for the Command Element, use the “Add Form Element Relation” form. In this form, you may select an option in the “Identification



Type” field which contains the Form Element Ids of the current Question. Otherwise, you may input an integer into the “Manually Add ID” field of another element that isn’t in the current form. Once one of the options has been entered, click the “Add Relation” button and this will

create the Form Element Relation to the Command Element into the system. You can now find the newly created Form Element Relation in the Form Element Relation List.

### 5.8.6 List Command Form Element Relation

On the Command Element Page, there is a list of all the Form Element Relations associated to the current Command Element. The columns display several attributes. The ID column is the Form Element Relation Id. The form element id column is the Form Element Id that is being referenced. In the options column, you can delete a Form Element Relation by clicking the “Delete” link.

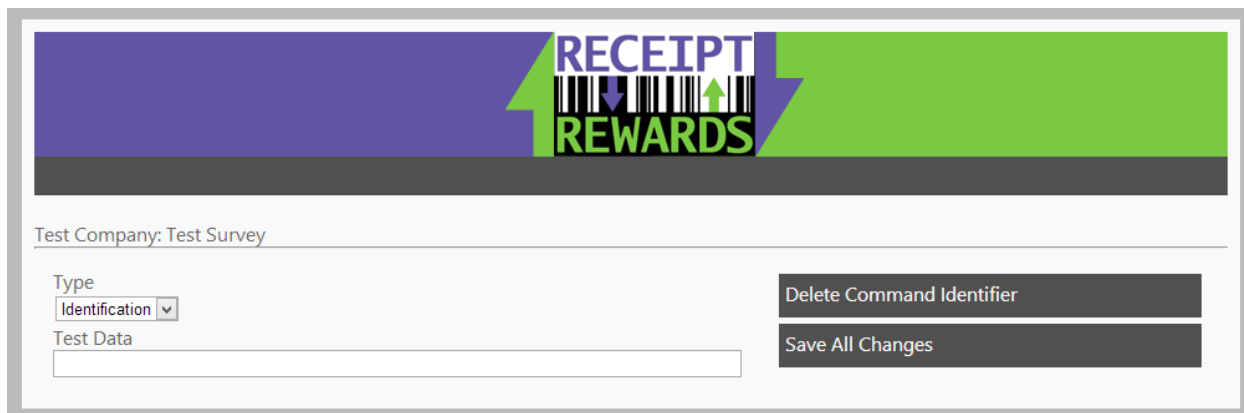
Relation ID	Form Element ID	Options
72	138	<a href="#">Delete</a>





## 5.9 Command Element Identifier Page

The Command Element Identifier Page is the management of a single Command Element Identifier object in the database. The Command Element Identifier is a representation of the ID, Class, or Name of an HTML Element in the satisfaction survey.



The screenshot shows a web interface for managing Command Element Identifiers. At the top, there is a header with a purple and green background and a central logo that says "RECEIPT" above a barcode and "REWARDS" below it. Below the header, the text "Test Company: Test Survey" is displayed. The main form area contains a "Type" dropdown menu with "Identification" selected, a "Test Data" text input field, and two buttons: "Delete Command Identifier" and "Save All Changes".

### 5.9.1 Edit Command Element Identifier

To change information of the current Command Element Identifier, use the “Edit Command Element Identifier” form. This form contains the “Type” field which is a dropdown box. Choose the option represents how the Web Driver will identify the Web Element. The “Test Data” field is a string for what the Web Driver will use during the Automation Test. Once all the fields have been entered, click the “Save All Changes” button. The page will refresh and you can see the new changes.



The screenshot shows a close-up of the "Edit Command Element Identifier" form. It features a "Type" dropdown menu with "Identification" selected, a "Test Data" text input field, and a "Save All Changes" button.





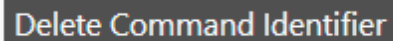
### 5.9.2 Delete Command Element Identifier

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To delete the current Command Element Identifier from the system, click the “Delete Command Element Identifier” button.

This will delete the command element

identifier and redirect you back to the parent Command Element Page. Remember, this action cannot be undone, and all the information associated to command element identifier will also be removed.

A rectangular button with a dark gray background and white text that reads "Delete Command Identifier".

## 7 Frequently Asked Questions

### 7.1 I made a change, but the webpage didn't update?

Sometimes after performing an insert, update or delete, the screen doesn't refresh the content and just displays what was cached.

If this happens, simply perform click on the breadcrumb navigation of the current page, and it will perform a hard refresh of the content. Your changes should now be displayed correctly.

A screenshot of a breadcrumb navigation bar. It has a purple background on the left and a grey background on the right. The text 'Home >> TEST\_CODE\_TYPE' is displayed. A red rectangular box highlights the 'TEST\_CODE\_TYPE' portion of the breadcrumb.

### 7.2 Are there any credentials need to use the Admin Site

Currently there are no credentials because the website is only hosted on local computers of the Administrators computers. However, if in the future the administrator site is put up on a public server, then yes, credentials will need to be added for security of the data.

