



Sunshine Connections

Account Maintenance Tool

User Interface

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Account Maintenance

3 Account Maintenance System Overview

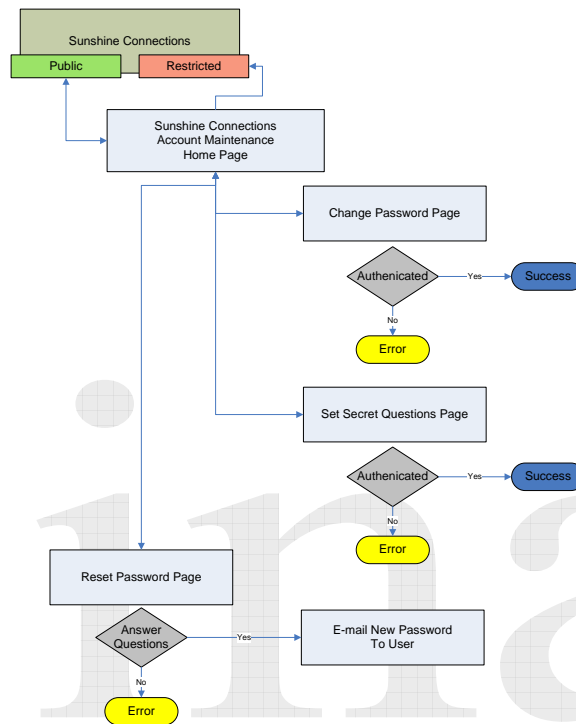


Figure 1 – Account Maintenance System Overview

1 Introduction

This is the user interface design document for the Sunshine Connections Account Maintenance Tool.

1.1 Goals and Objectives

The goal of this document is to describe the user interaction with the Account Maintenance Tool.

1.2 Software Context

The business logic of the Account Maintenance Tool is implemented as and works with components of the Sunshine Connections architecture system.



1.3 Interface Specific Data Structure

1.4

The Account Maintenance interface uses a dedicated schema housed within a separate Microsoft SQL Server 2005 database to store its intermediate data for archive and possible correction in the event of invalid or missing data. The data is stored in the SunshineConnections_Users database that has the structure:

Column	Type	Null
UserId_wk	varchar(10)	Unchecked
UserLogin	varchar(50)	Unchecked
DistrictID	int	Unchecked
SchoolID	int	Checked
UserLastName	varchar(20)	Checked
UserNameAppendage	varchar(4)	Checked
UserFirstName	varchar(20)	Checked
UserMiddle	varchar(10)	Checked
PhoneNumber	varchar(10)	Checked
UserBirthDate	varchar(10)	Checked
PrimaryADRole	varchar(20)	Checked
UserEmailAddress	varchar(100)	Checked
CreateDate	smalldatetime	Checked
ModDate	smalldatetime	Checked
ADStatus	varchar(1)	Checked
TransactionCode	varchar(1)	Checked
ADProcessResults	nvarchar(100)	Checked
BatchID	uniqueidentifier	Checked
ObjectGuid	uniqueidentifier	Checked
ProcessRecordID	varchar(50)	Checked
ProcessDate	smalldatetime	Checked

Figure 2 – Account Maintenance table structure

2 Screen User Interface

2.1 Account Maintenance Home Screen

2.1.1 Screen Example

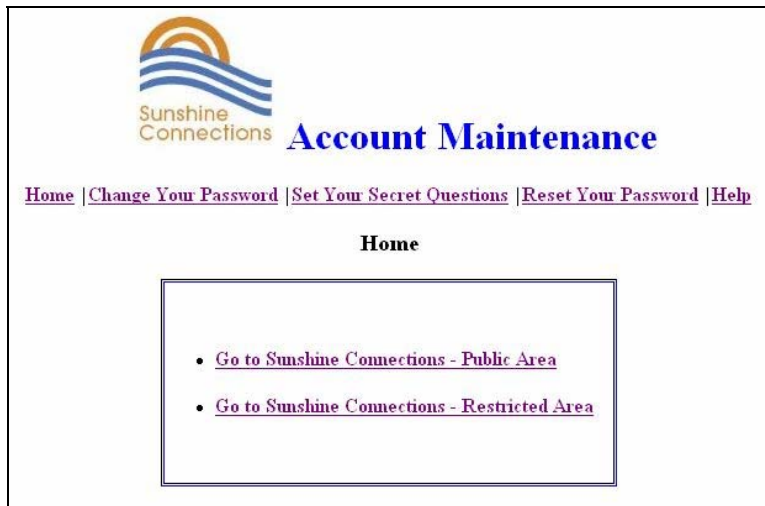


Figure 3 – Account Maintenance Home Screen

This screen allows users to access the Account Maintenance tool.

The title of this screen is Account Maintenance. It has two sections. The first, Account Maintenance tool navigation, allows users to access the following pages to manage his/her password: Change Password, Set Secret Questions, Reset Password and Help. The second, Home, allows users to navigate to the Public and Restricted areas of Sunshine Connections.

2.1.2 Code Component

2.1.3 Parameter / Search Criteria

Not Applicable

2.1.4 Data Display Criteria

Not Applicable

2.1.5 Field Requirements & Error Handling

Not Applicable

2.1.6 Event Handling

Control	Action	Response
Home (Hyperlink)	On Clicking	The Account Maintenance Home Screen displays.
Change Your Password (Hyperlink)	On Clicking	The Change Password Screen displays.



Set Your Secret Question (Hyperlink)	On Clicking	The Secret Question Screen displays.
Reset Your Password (Hyperlink)	On Clicking	The Reset Password Screen displays.
Help (Hyperlink)	On Clicking	The Help Screen displays.
Go to Sunshine Connections – Public Area (Hyperlink)	On Clicking	The screen redirects to http://www.sunshineconnections.org Home screen displays.
Go to Sunshine Connections – Restricted Area (Hyperlink)	On Clicking	The system prompts the user for login credentials. If credentials are accepted the Restricted.SunshineConnections.org home screen displays.

Table 1 – Account Maintenance Home Screen Event Handling

2.2 Change Password Screen

2.2.1 Screen Example

Sunshine Connections Account Maintenance

[Home](#) | [Change Your Password](#) | [Set Your Secret Questions](#) | [Reset Your Password](#) | [Help](#)

Change your password

User ID:

Password:

New Password:

Confirm new password:

Figure 4 – Change Password Screen

This screen allows users to access the Change Password page of the Account Maintenance tool.

The title of this screen is Change Password. It has two sections. The first, Account Maintenance tool navigation, allows users to access the following pages to reset his/her password: Change Password, Set Secret Questions, Reset Password and Help. The second, Change your password, allows users to submit existing user id, password, new password and confirmaiton password.



This screen will utilize the following data tables:

Table	Display Field
	User ID
	Password

Table 2 – Change Password Database Tables

2.2.2 Code Component

2.2.3 Parameter / Search Criteria

Not Applicable

2.2.4 Data Display Criteria

Not Applicable

2.2.5 Field Requirements & Error Handling

Display Field	Min Size	Max Size	Default Value	Optional / Mandatory / Constraint	Display Format	Error Message
User ID			Blank	M	Masked "•"	<ul style="list-style-type: none"> Invalid credentials or the new password does not meet minimum requirements.
Password			Blank	M	Masked "•"	<ul style="list-style-type: none"> Password must not be blank The new password fields do not match
New Password			Blank	M	Masked "•"	<ul style="list-style-type: none"> New Password must not be blank. Confirm new password must not be blank

Table 3 – Change Password Screen Field Requirements & Error Handling

2.2.6 Event Handling

Control	Action	Response
Home (Hyperlink)	On Clicking	The Account Maintenance Home Screen displays.
Change Your Password (Hyperlink)	On Clicking	The Change Password Screen displays.



Set Your Secret Question (Hyperlink)	On Clicking	The Secret Question Screen displays.
Reset Your Password (Hyperlink)	On Clicking	The Reset Password Screen displays.
Help (Hyperlink)	On Clicking	The Help Screen displays.
Submit (Button)	On Clicking	The WebForm2.aspx screen displays. The User ID that is entered is passed as the parameter value.

Table 4 – Change Passowrd Screen Event Handling

2.3 Secret Question Screen

2.3.1 Screen Example

Figure 5 – Secret Question Screen

This screen allows users to access the Secret Question page of the Account Maintenance tool.

The title of this screen is Secret Question. It has four sections. The first, Account Maintenance tool navigation, allows users to access the following pages to reset his/her password: Change Password, Set Secret Questions, Reset Password and Help.



The second, user credentials, allows users to enter his/her password. The third, Secret Question 1, allows users to select the first secret question from a drop down list, enter the answer and confirm the answer. The fourth, Secret Question 2, allows users to select the second secret question from a drop down list, enter the answer and confirm the answer.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null
UserID	nvarchar(200)	Unchecked
QuestionID	int	Unchecked
Answer	nvarchar(200)	Unchecked

Mapping:

Column	Display Field
UserId	User ID
QuestionId	Secret Question 1
Answer	Answer 1
Answer	Confirm Answer 1
QuestionId	Secret Question 2
Answer	Answer 2
Answer	Confirm Answer 2
QuestionId	Secret Question 3
Answer	Answer 3
Answer	Confirm Answer 3

Table 5 – Secret Question Screen Database Tables

2.3.2 Code Component

2.3.3 Parameter / Search Criteria

Not Applicable

2.3.4 Data Display Criteria

Not Applicable

2.3.5 Field Requirements & Error Handling

Display Field	Min Size	Max Size	Default Value	Optional / Mandatory / Constraint	Display Format	Error Message
User ID			Blank	M		• User ID must not be



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						blank
Password			Blank	M	Masked “•”	<ul style="list-style-type: none"> • Password must not be blank
Secret Question 1		200	What are the last four digits of your credit card number ?	M		<ul style="list-style-type: none"> • Secret Question 1 must not be blank
Answer 1		200	Blank	M		<ul style="list-style-type: none"> • Answer 1 must not be blank
Confirm Answer 1		200	Blank	M		<ul style="list-style-type: none"> • Confirm Answer 1 = Answer 1
Secret Question 2		200	What are the last four digits of your credit card number ?	M		<ul style="list-style-type: none"> • Secret Question 2 must not be blank
Answer 2			Blank	M		<ul style="list-style-type: none"> • Answer 2 must not be blank
Confirm Answer 2			Blank	M		<ul style="list-style-type: none"> • Confirm Answer 2 must not be blank
Secret Question 3			What are the last four digits of your credit card number ?	M		<ul style="list-style-type: none"> • Secret Question 3 must not be blank
Answer 3			Blank	M		<ul style="list-style-type: none"> • Answer 3 must not be blank
Confirm Answer 3			Blank	M		<ul style="list-style-type: none"> • Confirm Answer 3 must not be blank
Secret Question 1			Blank	C		<ul style="list-style-type: none"> <> Secret Question 2 <> Secret Question 3



						You must provide answers to three different questions
Secret Question 2			Blank	C		<> Secret Question 1 <> Secret Question 3 <hr/> You must provide answers to three different questions
Secret Question 3			Blank	C		<> Secret Question 1 <> Secret Question 2 <hr/> You must provide answers to three different questions
Answer 1			Blank	C		<> Blank <hr/> Answer 1 must not be blank
Confirm Answer 1			Blank	C		= Answer 1 <hr/> Answers to question 1 do not match
Answer 2			Blank	C		<> Blank <hr/> Answer 2 must not be blank
Confirm Answer 2			Blank	C		= Answer 2 <hr/> Answers to question 2 do not match
Answer 3			Blank	C		<> Blank <hr/> Answer 3 must not be blank
Confirm Answer 3			Blank	C		= Answer 3 <hr/> Answers to question 3 do not match

Table 6 – Secret Question Screen Field Requirements & Error Handling

2.3.6 Event Handling

Control	Action	Response
Home (Hyperlink)	On Clicking	The Account Maintenance Home Screen displays.
Change Your Password (Hyperlink)	On Clicking	The Secret Question Screen displays.
Set Your Secret Question (Hyperlink)	On Clicking	The Secret Question Screen displays.
Reset Your Password	On Clicking	The Reset Password Screen displays.



(Hyperlink)		
Help (Hyperlink)	On Clicking	The Help Screen displays.
Submit (Button)	On Clicking	The WebForm3.aspx screen displays. The User ID that is entered is passed as the parameter value.
Secret Question 1 (Dropdown)	On Clicking	The system displays a list of values.
Secret Question 2	On Clicking	The system displays a list of values.

Table 7 – Secret Question Screen Event Handling

2.4 Reset Password Screen

2.4.1 Screen Example



Figure 6 – Reset Password Screen

This screen allows users to access the Reset Password screen of the Account Maintenance tool.

The title of this screen is Reset Password. It has two sections. The first, Account Maintenance tool navigation, allows users to access the following pages to reset his/her password: Change Password, Set Secret Questions, Reset Password and Help. The second, Reset Your Password, allows users to enter his/her password.

This screen will use the following data tables:

Table	Display Field
UserLogin	User ID

Table 8 – Reset Password Screen Database Tables

2.4.2 Code Component



Accountmaintenance/WebForm4.aspx handles the request for the user. It executes the AdminResetSingleUserPassword stored procedure. This stored procedure performs the following update functions:

Table	Column	Value
UserLogin	Transactioncode	'R'
UserLogin	AdStatus	NULL
UserLogin	AdProcessResults	NULL

2.4.3 Parameter / Search Criteria

Parameter	Screen Field	Value
UserLogin	User Id	

2.4.4 Data Display Criteria

Not Applicable

2.4.5 Field Requirements & Error Handling

Display Field	Min Size	Max Size	Default Value	Optional / Mandatory / Constraint	Display Format	Error Message
User ID			Blank	M		• User ID must not be blank

Table 9 – Reset Password Screen Field Requirements & Error Handling

2.4.6 Event Handling

Control	Action	Response
Home (Hyperlink)	On Clicking	The Account Maintenance Home Screen displays.
Change Your Password (Hyperlink)	On Clicking	The Secret Question Screen displays.
Set Your Secret Question (Hyperlink)	On Clicking	The Secret Question Screen displays.
Reset Your Password (Hyperlink)	On Clicking	The Reset Password Screen displays.
Help (Hyperlink)	On Clicking	The Help Screen displays.
Submit (Button)	On Clicking	The WebForm4.aspx screen displays. The User ID that is entered is passed as the

		parameter value.
--	--	------------------

Table 10 – Reset Password Screen Event Handling

3 Requirements

Req No.	Description

Table 11 – Reset Password Screen Requirement Fulfillment

4 Deployment

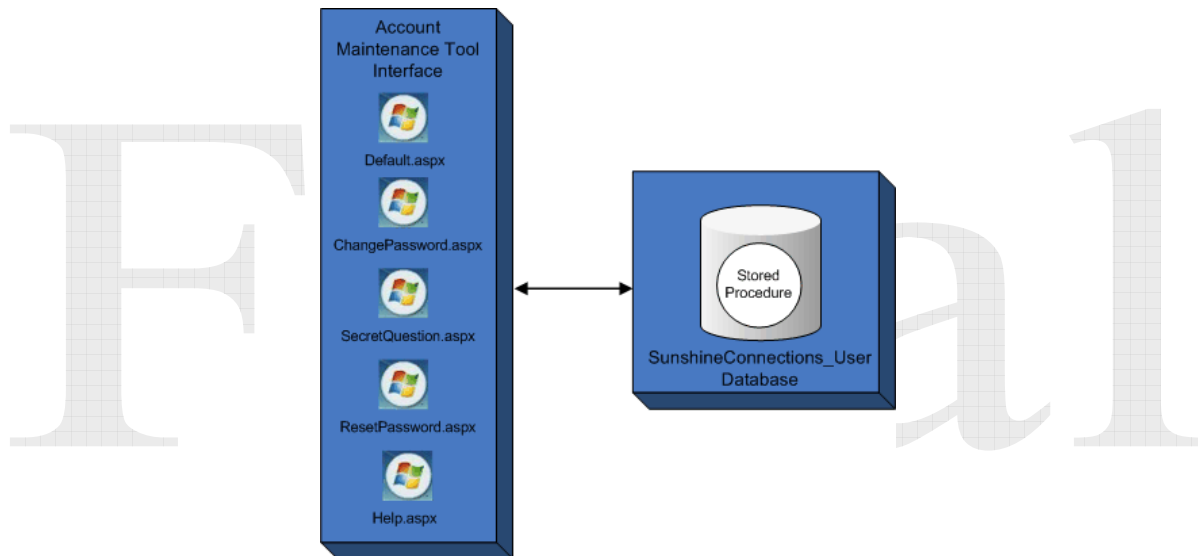


Figure 7 – Account Maintenance Deployment Diagram

AccountMaintenance package contains the following files:

Default.aspx

WebForm2.aspx

WebForm3.aspx

WebForm4.aspx

Help.aspx