



Sunshine Connections

Flexible Authorization System (FAS R1)

User Interface

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FAS v1 System Overview

1 Introduction

This is the user interface design document for the Sunshine Connections FAS R1 Tool.

1.1 Goals and Objectives

The goal of this document is to describe the various screens and backend database interaction.

1.2 Software Context

The business logic of the FAS v1 interface is implemented as and works with components of the Sunshine Connections architecture system.

1.3 Interface Specific Data Structure

The FAS v1 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.

2 Screen User Interface

2.1 FAS v1 Home Screen

2.1.1 Screen Example

A screenshot of a web application interface titled "HOME : Select Educator". The page has a light green background. At the top, it says "Select Educator" and "Use the below search criteria to search for and select the Educator you wish to assign students." Below this, there is a "School:" label followed by a dropdown menu showing "A. A. DIXON ELEMENTARY S". Underneath, there are two text input fields: "Lastname:" and "Firstname:". To the right of these fields are two buttons: "Search" and "Reset". Below the input fields is a large, empty rectangular area labeled "Results". In the bottom right corner of this area, there are two small navigation arrows (left and right) and a "Select" button.

Figure 1 – FAS v1 Home Screen

This screen allows users to access the FAS v1 tool.



The title of this screen is FAS v1. It has two sections. The first, FAS v1 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.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null

Table 1 – FAS v1 Home Screen Database Tables

Mapping:

Column	Display Field

Table 2 – FAS v1 Home Screen Database Tables

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

Display Field	Min Size	Max Size	Default Value	Optional / Mandatory / Constraint	Display Format	Error Message
Lastname			Blank	O		
Firstname			Blank	O		

Table 3 – FAS v1 Home Screen Event Handling

2.1.6 Event Handling

Control	Action	Response
Home (Hyperlink) HOME	On Clicking	
School (Drop Down) BELLVIEW ELEMENTARY SC	On Clicking	
Search (Button)	On Clicking	



Select		
Reset (Button) Reset	On Clicking	
Search (Button) Search	On Clicking	
-->		
<--		

Table 4 – FAS v1 Home Screen Event Handling

2.2 Educator Selection Screen

2.2.1 Screen Example

HOME : Select Educator
 Select Educator
 Use the below search criteria to search for and select the Educator you wish to assign students.

School:

Lastname: Firstname:

Results
 Page 1 of 9 -->

Select	Name	School
<input type="radio"/>	ANDERSON, CANDACE R	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	ASH, SHANNON K	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BAILEY, INGRID P	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BAMONTE, HOLLY A	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BAXTER, CHRISTY L	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BLANCHARD, KAREN J	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BOSWELL, SHARON	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BROWN, GAIL K	BELLVIEW ELEMENTARY SCHOOL
<input type="radio"/>	BROWN, SARA D	BELLVIEW ELEMENTARY SCHOOL

Figure 2 – Educator Selection Screen

This screen allows users to access the Change Password page of the FAS v1 tool.

The title of this screen is Change Password. It has two sections. The first, FAS v1 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 confirmation password.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null

Table 5 – Educator Selection Screen Event Handling



Mapping:

Column	Display Field

Table 6 – Educator Selection Screen Database Tables

2.2.2 Code Component

Educatorselection.aspx handles the request for the user.

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
Lastname			Blank	O		
Firstname			Blank	O		

Table 7 – Educator Selection Screen Event Handling

2.2.6 Event Handling

Control	Action	Response
Home (Hyperlink) HOME	On Clicking	
Name (Radio Button) <input type="radio"/>	On Clicking	
School (Drop Down) BELLVIEW ELEMENTARY SC	On Clicking	
Search (Button) Select	On Clicking	
Reset (Button) Reset	On Clicking	
Search (Button) Search	On Clicking	

Table 8 – Educator Selection Screen Event Handling

2.3 Group Management Screen



2.3.1 Screen Example

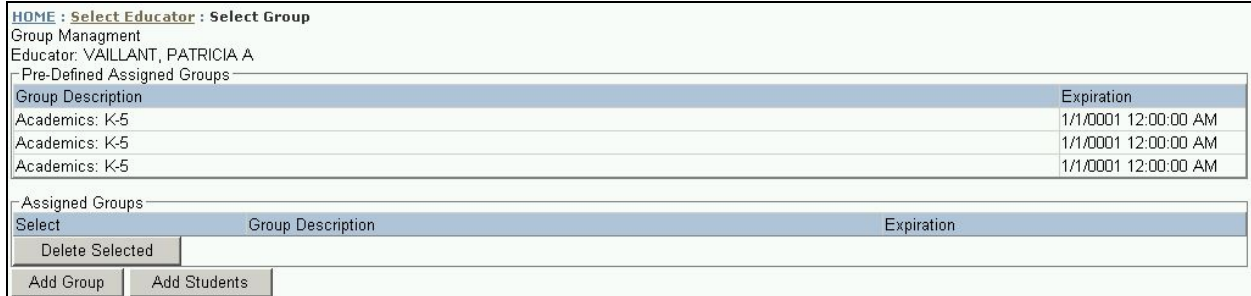


Figure 3 – Group Management Screen

This screen allows users to access the Change Password page of the FAS v1 tool.

The title of this screen is Change Password. It has two sections. The first, FAS v1 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 confirmation password.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null

Table 9 – Group Management Screen Event Handling

Mapping:

Column	Display Field

Table 10 – Group Management Screen Database Tables

2.3.2 Code Component

GroupManagement.aspx handles the request for the user.

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

Table 11 – Group Management Screen Event Handling

2.3.6 Event Handling

Control	Action	Response
Home (Hyperlink) HOME	On Clicking	
Select Educator (Hyperlink) Select Educator	On Clicking	
Add Group (Button) Add Group	On Clicking	
Delete Selected (Button) Delete Selected	On Clicking	
Add Students (Button) Add Students	On Clicking	

Table 12 – Group Management Screen Event Handling

2.4 School Selector Screen

2.4.1 Screen Example

[HOME](#) : [Select Educator](#) : [Select Group](#) : [Select School](#)

Please select the school that has the students you would like to allow the selected educator to view.

School:

Figure 4 – School Selector Screen

This screen allows users to access the Change Password page of the FAS v1 tool.

The title of this screen is Change Password. It has two sections. The first, FAS v1 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 confirmation password.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null

Table 13 – School Selector Screen Event Handling

Mapping:

Column	Display Field

Table 14 – School Selector Screen Database Tables

2.4.2 Code Component

SchoolSelector.aspx handles the request for the user.

2.4.3 Parameter / Search Criteria

Not Applicable

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

Table 15 – School Selector Screen Event Handling

2.4.6 Event Handling

Control	Action	Response
Home (Hyperlink) HOME	On Clicking	
Select Educator (Hyperlink) Select Educator	On Clicking	
Select Group	On Clicking	



(Hyperlink) Select Group		
School (Drop Down) BELLVIEW ELEMENTARY SC	On Clicking	
Select (Button) Select	On Clicking	

Table 16 – School Selector Screen Event Handling

2.5 Group Selection Tree Screen

2.5.1 Screen Example

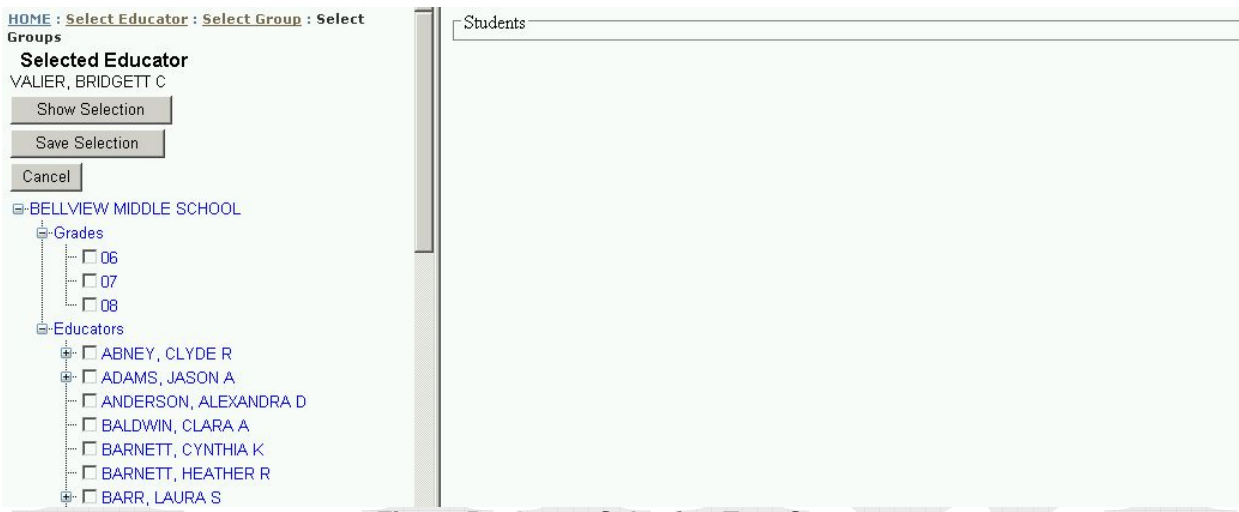


Figure 5 – Group Selection Tree Screen

This screen allows users to access the Change Password page of the FAS v1 tool.

The title of this screen is Change Password. It has two sections. The first, FAS v1 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 confirmation password.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null

Table 17 – Group Selection Tree Screen Event Handling

Mapping:

Column	Display Field



--	--

Table 18 – Group Selection Tree Screen Database Tables

2.5.2 Code Component

GroupSelectionTree.aspx handles the request for the user.

2.5.3 Parameter / Search Criteria

Not Applicable

2.5.4 Data Display Criteria

Not Applicable

2.5.5 Field Requirements & Error Handling

Display Field	Min Size	Max Size	Default Value	Optional / Mandatory / Constraint	Display Format	Error Message
Students (Window)			Blank	O		

Table 19 – Group Selection Tree Screen Event Handling

2.5.6 Event Handling

Control	Action	Response
Home (Hyperlink) HOME	On Clicking	
Select Educator (Hyperlink) Select Educator	On Clicking	
Select Group (Hyperlink) Select Group	On Clicking	
Show Selection (Button) Show Selection	On Clicking	
Save Selection (Button) Save Selection	On Clicking	
Cancel (Button) Cancel	On Clicking	
Expand Selection (icon) +	On Clicking	
Collapse Selection	On Clicking	



(icon) <input type="checkbox"/>		
Item Selection (Checkbox) <input type="checkbox"/>	On Selecting	

Table 20 – Group Selection Tree Screen Event Handling

2.6 Add Students Screen

2.6.1 Screen Example

Figure 6 – Add Students Screen

This screen allows users to access the Change Password page of the FAS v1 tool.

The title of this screen is Change Password. It has two sections. The first, FAS v1 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 confirmation password.

This screen will utilize the following data tables:

SunshineConnections_Users.dbo.UserSecretQuestion:

Column	Type	Null

Table 21 – Add Students Screen Event Handling

Mapping:

Column	Display Field

Table 22 – Add Students Screen Database Tables

2.6.2 Code Component

StudentAdd.aspx handles the request for the user.

2.6.3 Parameter / Search Criteria

Not Applicable

2.6.4 Data Display Criteria

Not Applicable



2.6.5 Field Requirements & Error Handling

Display Field	Min Size	Max Size	Default Value	Optional / Mandatory / Constraint	Display Format	Error Message
Students (Window)			Blank	O		

Table 23 – Add Students Screen Event Handling

2.6.6 Event Handling

Control	Action	Response
Home (Hyperlink) <u>HOME</u>	On Clicking	
Select Educator (Hyperlink) <u>Select Educator</u>	On Clicking	
Select Group (Hyperlink) <u>Select Group</u>	On Clicking	
Show Selection (Button) Show Selection	On Clicking	
Save Selection (Button) Save Selection	On Clicking	
Cancel (Button) Cancel	On Clicking	
Expand Selection (icon) +	On Clicking	
Collapse Selection (icon) -	On Clicking	
Item Selection (Checkbox) <input type="checkbox"/>	On Selecting	

Table 24 – Add Students Screen Event Handling

3 Requirements

Req No.	Description



Table 25 – FAS v1 Requirement Fulfillment

4 Deployment

FAS v1 package contains the following files:

- EducatorSelection.aspx
- GroupManagement.aspx
- GroupSelectionTree.aspx
- SchoolSelector.aspx
- StudentList.aspx
- StudentAdd.aspx

Final