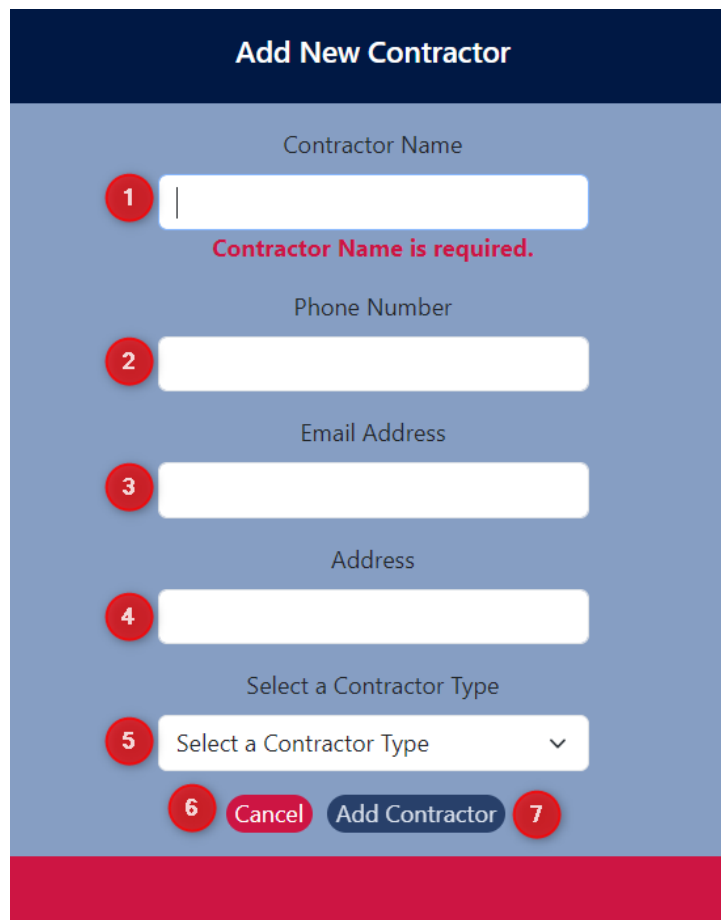# 17 Subsystem 11: Contractor Subsystem (Administrator)

17.1 11.1 Add Contractor

Purpose: The purpose of this function is to allow the admin to create a new Contractor to be added to the system.

Navigation: This modal is accessed from the "View Contractor" screen where the "Add Contractor" button is clicked. The "Add New Contractor" modal looks as follows:

Figure 54: Add New Contractor Modal

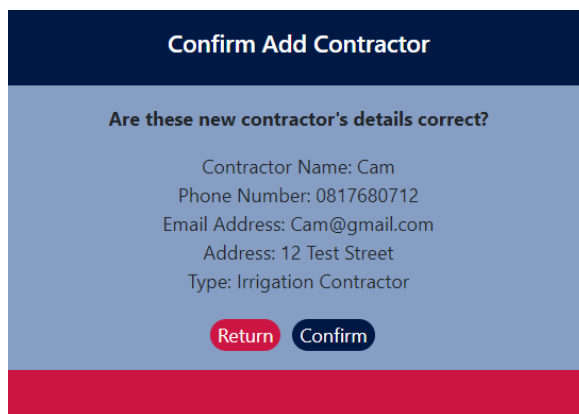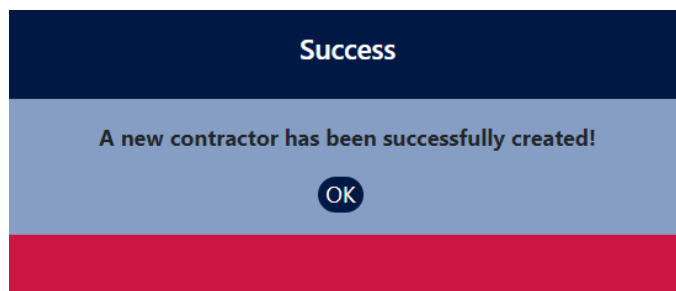| #	Item Name	Item Description
1	Contractor Name Textbox	The admin can input the new Contractor's name.
2	Contractor Description Textbox	The admin can input the new Contractor's description.
3	Quantity on Hand Numeric Up Down	The admin can input the new Contractor's quantity on hand.

#	Item Name	Item Description
4	Low-Level Warning Numeric Up Down	The admin can input the new Contractor's low-level warning.
5	Select a Contractor Dropdown	The admin can select a Contractor that supplies the Contractor.
6	Cancel Button	When clicked the system will close the modal and return to the "View Contractor" screen.
7	Add Contractor Button	The add Contractor button cannot be clicked until all the Contractor input fields have been completed. When clicked the system will validate the entered details and the "Confirm Add Contractor Modal" will be displayed. It will look as follows: **Confirm Add Contractor** Are these new contractor's details correct? Contractor Name: Cam Phone Number: 0817680712 Email Address: Cam@gmail.com Address: 12 Test Street Type: Irrigation Contractor Return Confirm If the return button is clicked the system will return to the "Add New Contractor" modal. If the confirm button is clicked the system will display the "Success" modal which looks as follows: **Success** A new contractor has been successfully created! OK

Table 54: Add New Contractor Modal

17.2 11.2 Delete Contractor

Purpose: The purpose of this function is to allow the admin to delete Contractor from the system.

Navigation: The user can access this function through the "View Contractor" screen where the "Delete Contractor" button is clicked. This will display the "Delete Contractor Warning" modal which will look as follows:
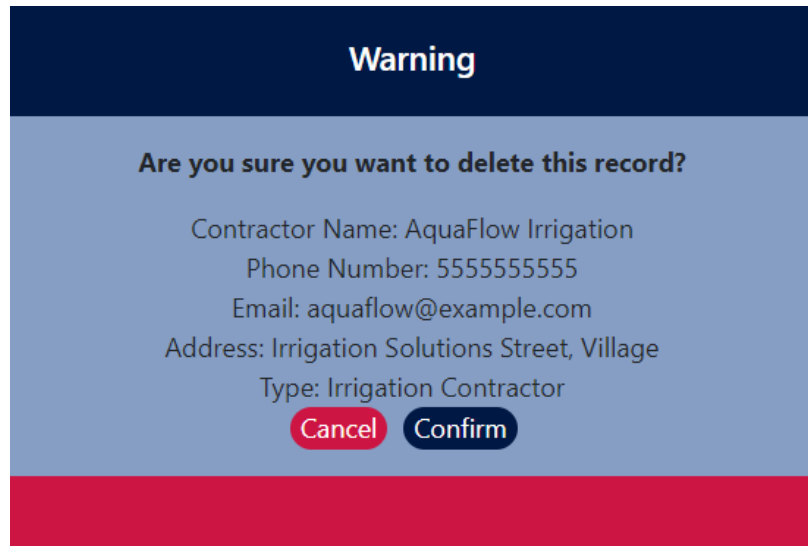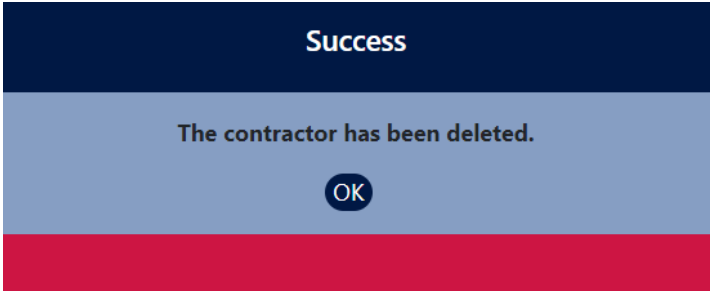

Figure 55: Delete Contractor Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the "View Contractor" screen.
2	Confirm Button	When clicked the system will attempt to validate the delete of the Contractor. Take note Contractor cannot be deleted if it is associated with any employees or activities. If the delete validation is successful, the system will display the following "Success" modal:
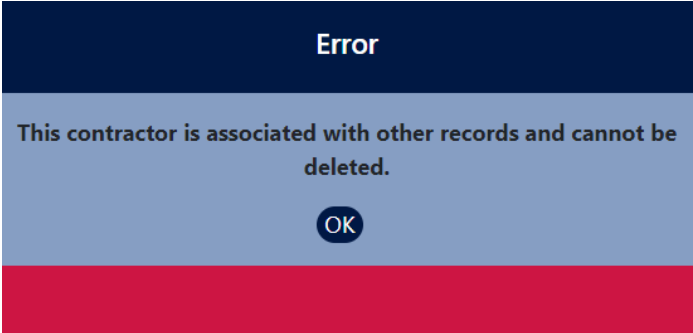
#	Item Name	Item Description
		If the delete validation is unsuccessful, the system will display the following "Error" modal.

Error

This contractor is associated with other records and cannot be deleted.

OK

Table 55: Delete Contractor Warning Modal

17.3 11.3 View Contractor

Purpose: The purpose of this screen is to allow the admin to view all of the Contractor on the system.

Navigation: The user can access this screen by clicking on the "Contractor" dropdown on the navigation bar and then clicking the "View Contractor" option in the dropdown. The "View Contractors" screen will then be displayed which will look as follows:
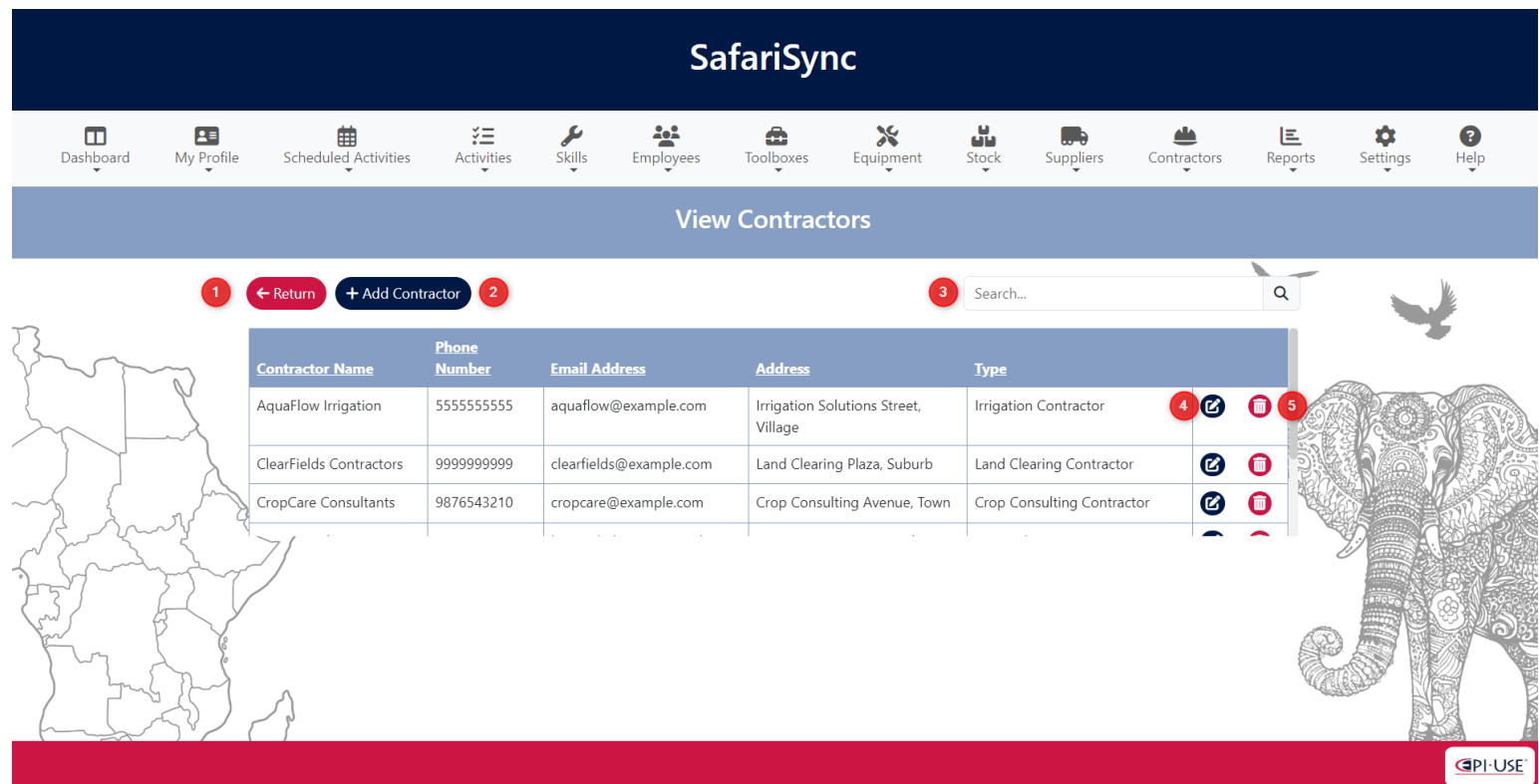
Figure 56: View Contractors Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the "Dashboard" screen.
2	Add Contractor Button	When clicked the system will display the "Add New Contractor" modal. See "17.1 8.1 Add Contractor" for more information.
3	Search Bar	The admin can enter search criteria which will filter the Contractor results in the table.
4	Edit Contractor Button	When clicked the system will display the "Update Existing Contractor" modal. See "17.4 8.4 Update Contractor" for more information.

#	Item Name	Item Description
5	Delete Contractor Button	When clicked the system will display the "Delete Contractor Warning" modal. See "17.2 8.2 Delete Contractor" for more information.

Table 56: View Contractors Screen

17.4 11.4 Update Contractor

Purpose: The purpose of this function is to allow an admin to edit and update existing Contractor's details.

Navigation: The user can access this function through the "View Contractor" screen where the "Edit Contractor" button is clicked. This will display the "Update Existing Contractor" modal which will look as follows:
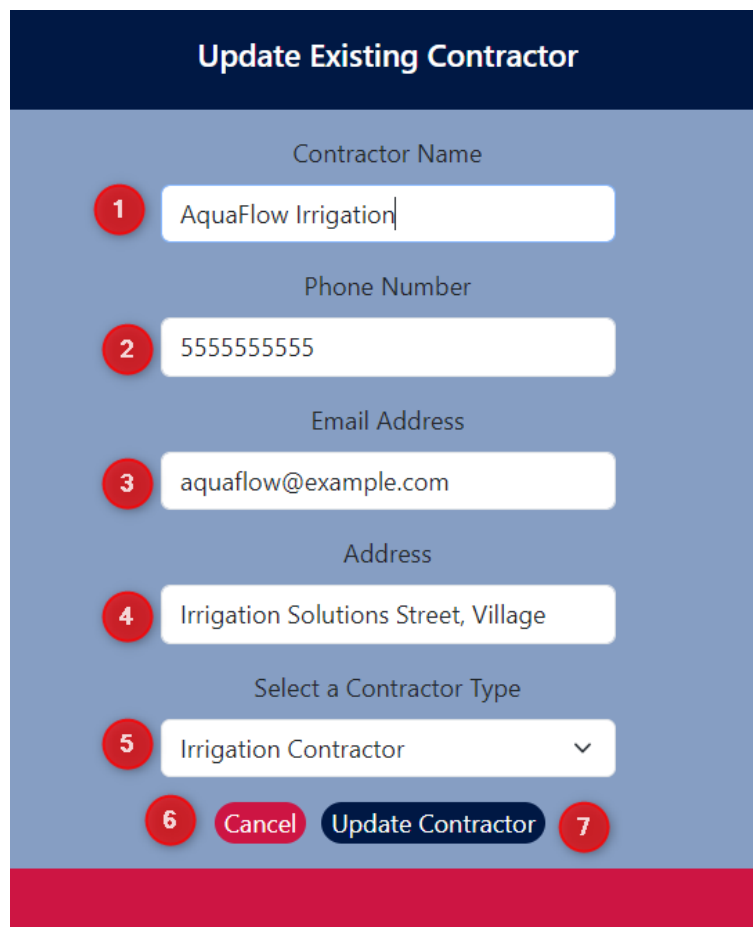

Figure 57: Update Existing Contractor Modal

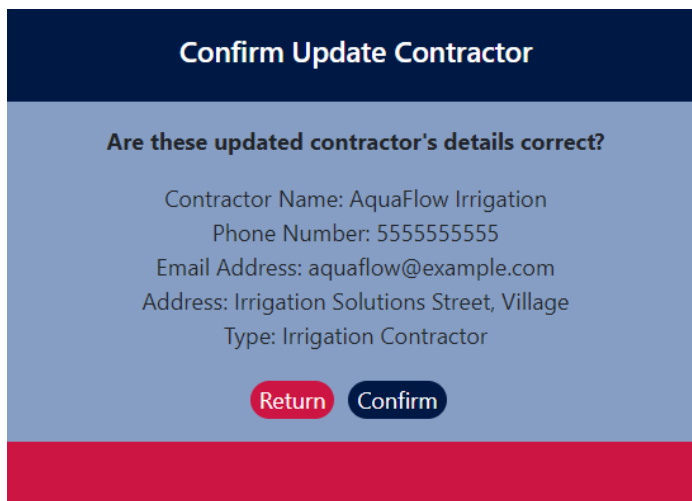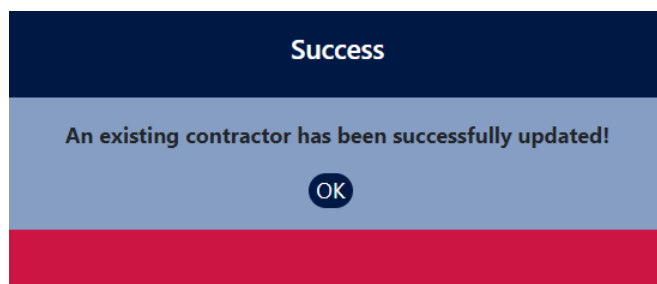| #	Item Name	Item Description
1	Contractor Name Textbox	The admin can edit the Contractor name.
2	Contractor phone number Textbox	The admin can edit the Contractor phone number.

#	Item Name	Item Description
3	Contractor Email address Textbox	The admin can edit the Contractor Email Address
4	Contractor address Textbox	The admin can edit the Contractor Address.
5	Select a Contractor Type Dropdown	The admin can select a contractor type from the pre-populated dropdown.
6	Cancel Button	When clicked the system will close the modal and return to the "View Contractor" screen.
7	Update Contractor Button	When clicked the system will display the "Confirm Update Contractor" modal which will look as follows: If the Return button is clicked the system will return to the "Update Existing Contractor" modal. If the Confirm button is clicked the system will update the Contractor's details and display the following "Success" modal:

Table 57: Update Existing Contractor Modal