12 Subsystem 6: Scheduling Subsystem (Administrator)

12.1 6.1 Create Scheduled Activity

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

Navigation: This modal is accessed from the "View Scheduled Activities" screen where the "Schedule Activity" button is clicked. The "Schedule New Activity" modal looks as follows:
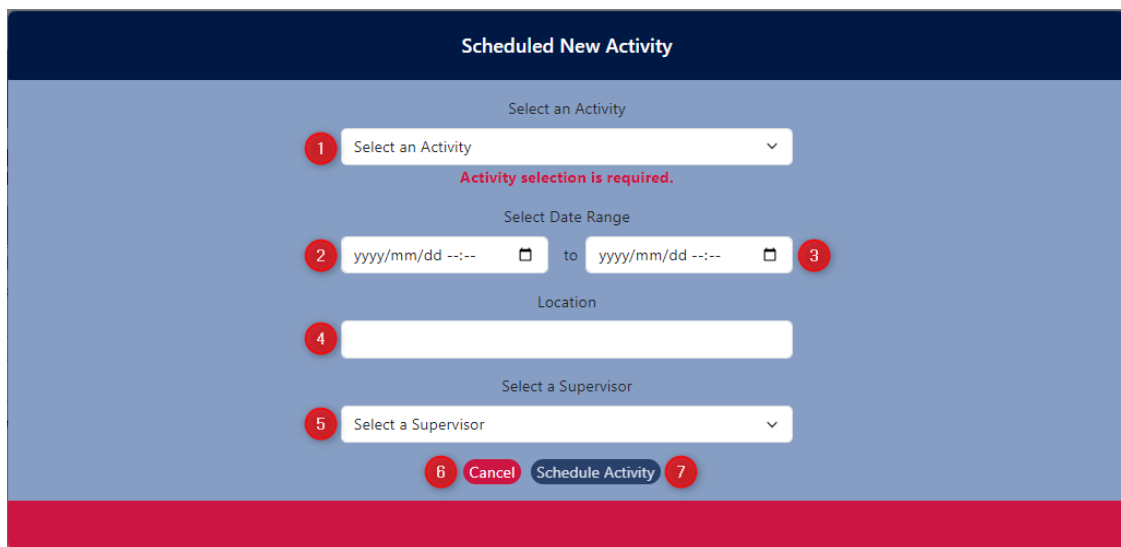

Figure 29: Schedule New Activity Modal

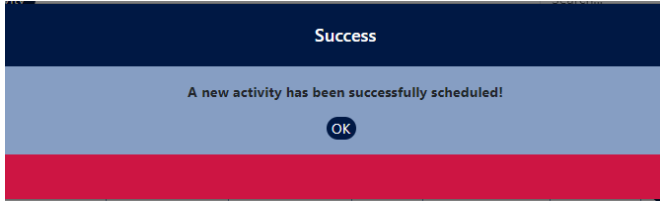| #	Item Name	Item Description
1	Select an Activity Dropdown	The admin can select a pre-created activity.
2	Start Date Picker	The admin can select a start date.
3	End Date Picker	The admin can select an end date.
4	Location Textbox	The admin can enter the location of the scheduled activity.
5	Select a Supervisor Dropdown	The admin can select an existing supervisor.
6	Cancel Button	When clicked the system will return to the "View Scheduled Activities" screen.

#	Item Name	Item Description
7	Schedule Activity Button	The scheduled activity button cannot be clicked until all fields are filled in correctly. When clicked the system will display the following "Success" modal:

Table 29: Schedule New Activity Modal

12.2 6.2 Delete Scheduled Activity

Purpose: The purpose of this function is to allow the admin to delete a specific scheduled activity from the system.

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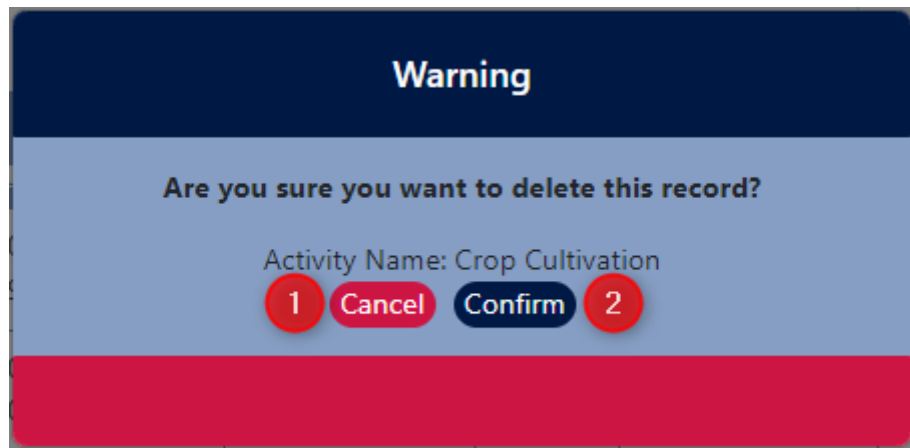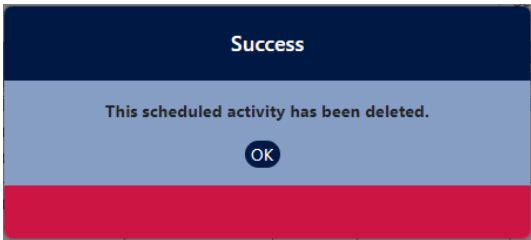

Figure 30: Delete Scheduled Activity Warning Modal

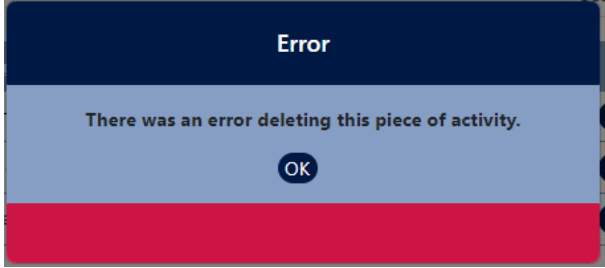| #	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the "View Scheduled Activities" screen.
2	Confirm Button	When clicked the system will attempt to validate the delete of the scheduled activity. If the delete validation is successful, the system 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 There was an error deleting this piece of activity. OK

Table 30: Delete Activity Warning Modal

12.3 6.3 Update Scheduled Activity

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

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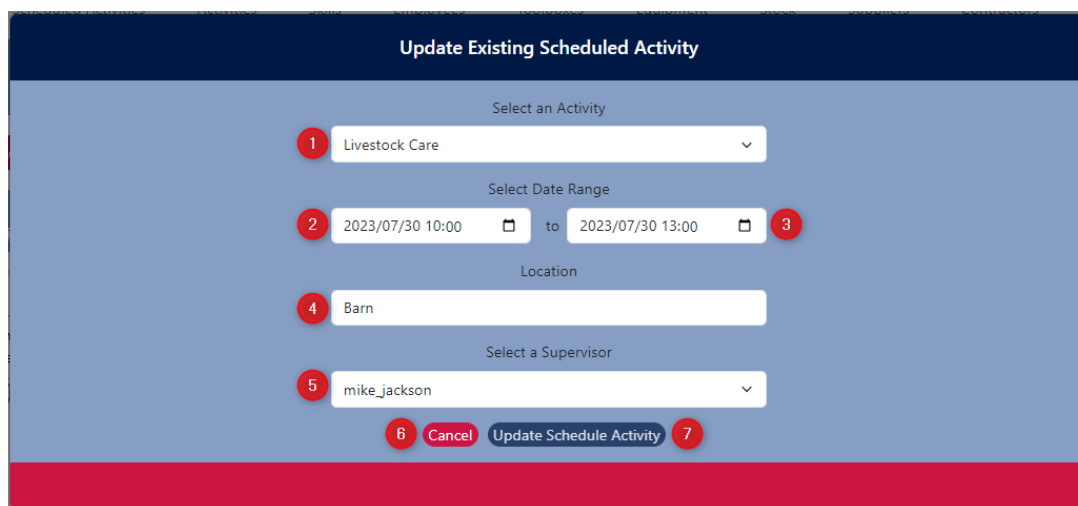

Figure 31: Update Existing Scheduled Activity Modal

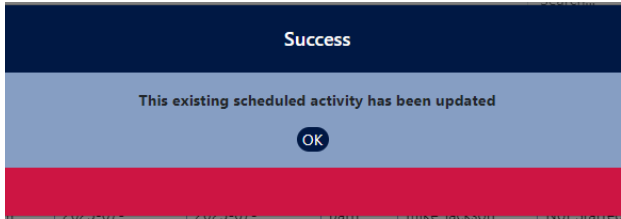| #	Item Name	Item Description
1	Select an Activity Dropdown	The admin can edit the pre-created activity.
2	Start Date Picker	The admin can edit the start date.
3	End Date Picker	The admin can edit the end date.
4	Location Textbox	The admin can enter the location of the scheduled activity.
5	Select a Supervisor Dropdown	The admin can edit the existing supervisor.
6	Cancel Button	When clicked the system will return to the "View Scheduled Activities" screen.

#	Item Name	Item Description
7	Update Schedule Activity Button	The update schedule activity button cannot be clicked until all fields are filled in correctly. When clicked the system will display the following "Success" modal:

Table 31: Update Existing Scheduled Activity Modal

12.4 6.4 View Scheduled Activity

Purpose: The purpose of this screen is to allow the admin to view all of the scheduled activities on the system along with their descriptions.

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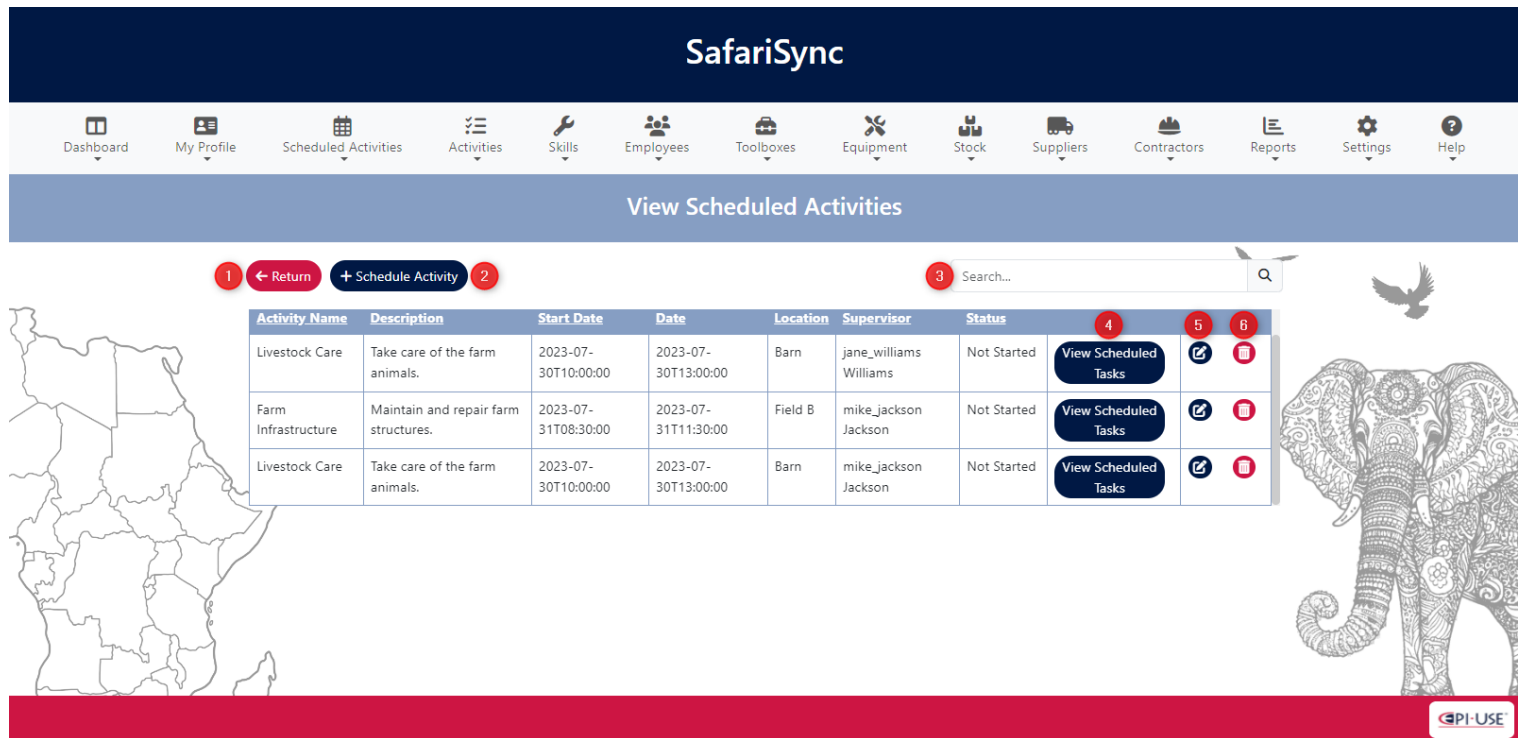

Figure 32: View Scheduled Activities Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the "Dashboard" screen.
2	Schedule Activity Button	When clicked the system will display the "Add New Activity" modal. See "12.1 6.1 Create Scheduled Activity" for more information.
3	Search Bar	The admin can enter search criteria which will filter the scheduled activity results in the table.

#	Item Name	Item Description
4	View Scheduled Tasks Button	When clicked the system will display the "View Scheduled Tasks" modal. See "12.8 6.8 View Scheduled Tasks" for more information.
5	Edit Scheduled Activity Button	When clicked the system will display the "Update Existing Activity" modal. See "12.3 6.3 Update Scheduled Activity" for more information.
6	Delete Scheduled Activity Button	When clicked the system will display the "Delete Scheduled Activity Warning" modal. See "12.2 6.2 Delete Scheduled Activity" for more information.

Table 32: View Scheduled Activities Screen

12.5 6.5 Create Scheduled Task

Purpose: The purpose of this function is to allow the admin to create a new scheduled task linked to an existing scheduled activity to be added to the system.

Take Note: A scheduled task can only be created for an already existing scheduled activity.

Navigation: This modal is accessed from the "View Scheduled Activities" screen where the "View Scheduled Tasks" button is clicked, and the "Scheduled Tasks" modal is displayed. The "Schedule Task" button is then clicked, and the "Schedule New Task" modal is displayed. The "Schedule New Task" modal looks as follows:
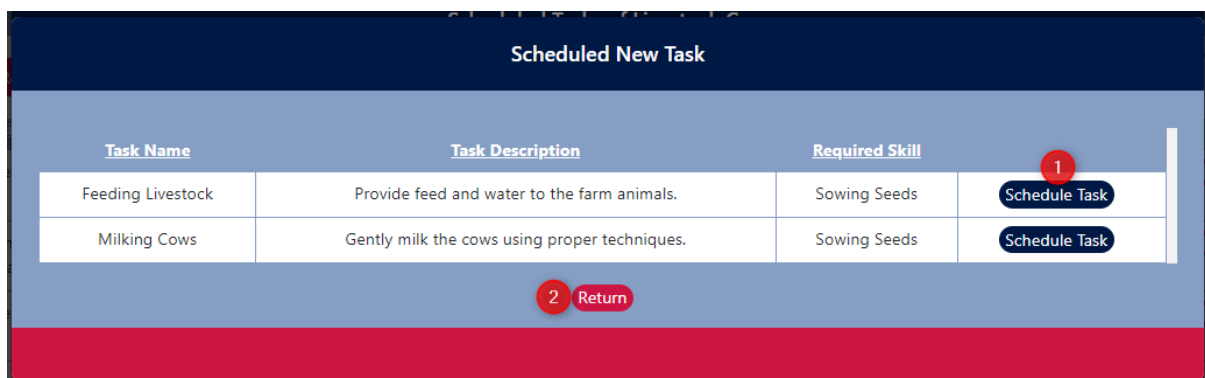

Figure 33: Schedule New Task Modal

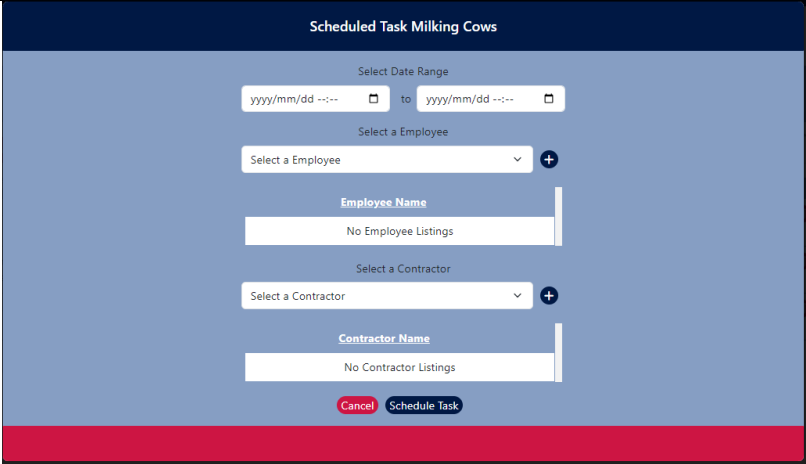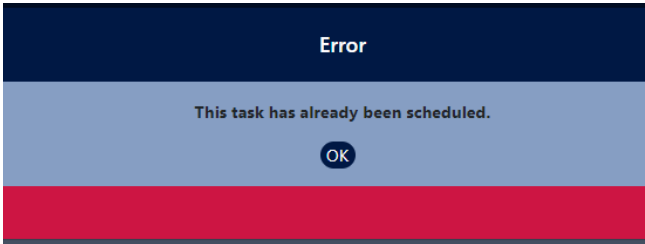| #	Item Name	Item Description
1	Schedule Task Button	When clicked the system will validate if the task has already been scheduled. If the task has not been scheduled, the following "Schedule Task" modal will be displayed:

#	Item Name	Item Description
		The admin will fill in the scheduled task's details and click the Schedule Task button. The system will display the following success modal: If the task has already been scheduled the following error modal will be displayed:
2	Task Description Textbox	The admin can input the new tasks' description.

Table 33: Schedule New Task Modal

12.6 6.6 Delete Scheduled Task

Purpose: The purpose of this function is to allow the admin to delete a specific scheduled task of an existing scheduled activity from the system.

Navigation: This modal is accessed from the "View Scheduled Activities" screen where the "View Scheduled Tasks" button is clicked, and the "Scheduled Tasks" modal is displayed. The "Delete Scheduled Task" button is then clicked, and the "Delete Scheduled Task Warning" modal is displayed. The "Delete Task Warning" modal looks as follows:
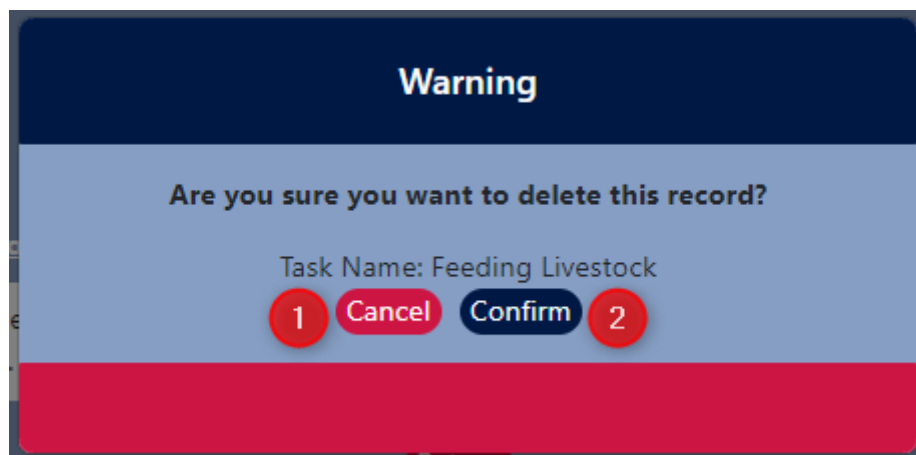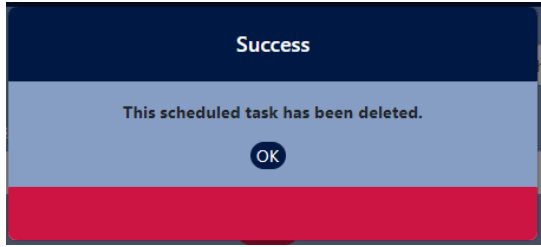

Figure 34: Delete Scheduled Task Warning Modal

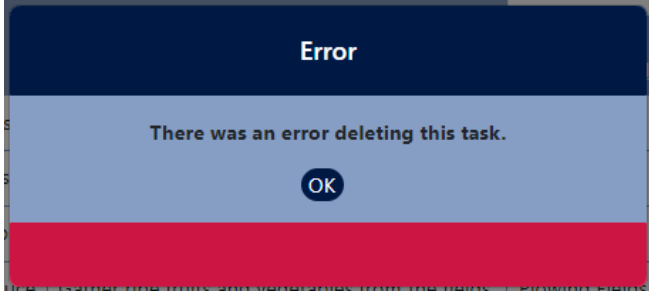| #	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the "Scheduled Tasks" screen.
2	Confirm Button	When clicked the system will attempt to validate the delete of the scheduled task. Take note a task cannot be deleted if it is associated with any scheduled activities or employees. 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** There was an error deleting this task. OK

Table 34: Delete Scheduled Task Warning Modal

12.7 6.7 Update Scheduled Task

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

Navigation: This modal is accessed from the "View Scheduled Activities" screen where the "View Scheduled Tasks" button is clicked, and the "Scheduled Tasks" modal is displayed. The "Update Scheduled Task" button is then clicked, and the "Update Existing Scheduled Task" modal is displayed. The "Update Existing Scheduled Task" modal looks as follows:
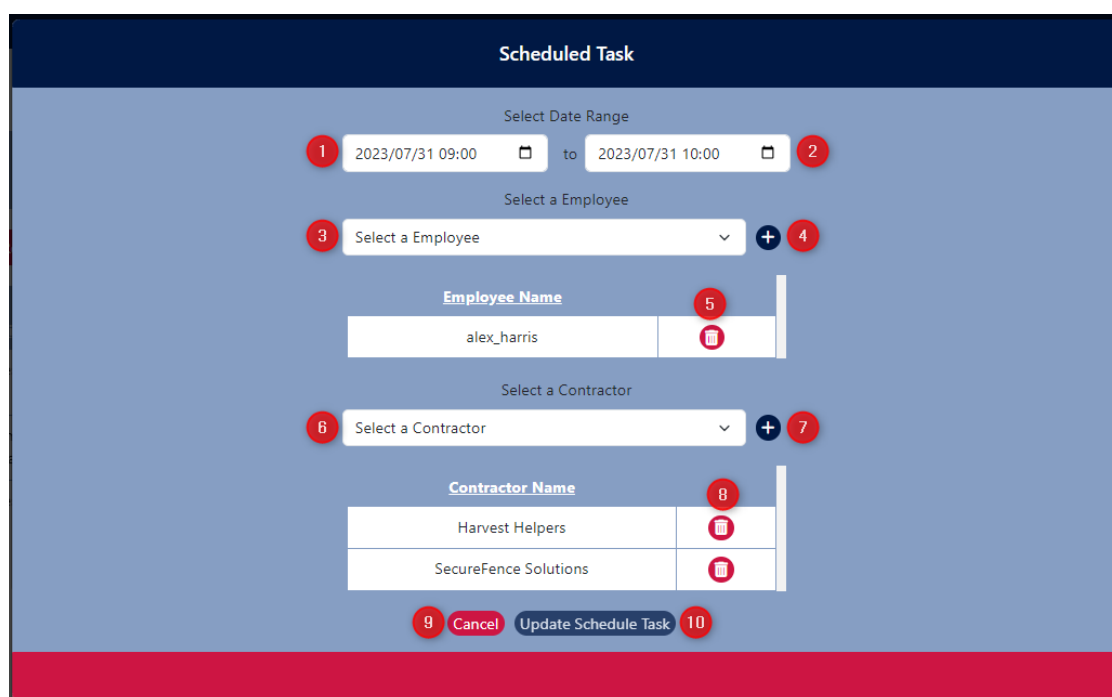
Figure 35: Update Existing Scheduled Task Modal

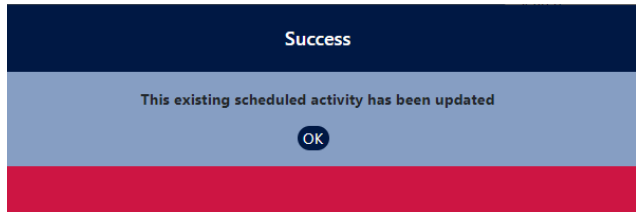| #	Item Name	Item Description
1	Start Date Picker	The admin can edit the start date.
2	End Date Picker	The admin can edit the end date.
3	Select an employee Dropdown	The admin can edit the employee for the scheduled task.
4	Add Employee Button	When clicked the selected employee will be added to the table. The admin can edit the employee on the scheduled task.
5	Delete Employee Button	When clicked the specific employee will be removed from the employee table.

#	Item Name	Item Description
6	Select a Contractor Dropdown	The admin can select or edit the contractor.
7	Add Contractor Button	When clicked the selected contractor will be added to the contractor table.
8	Delete Contractor Button	When clicked the specific contractor will be removed from the contractor table.
9	Cancel Button	When clicked the system will return to the "Scheduled Tasks" screen.
10	Update Schedule Task	When clicked the system will display the following success modal:

Table 35: Update Existing Scheduled Task Modal

12.8 6.8 View Scheduled Tasks

Purpose: The purpose of this function is to allow the admin to view all of the scheduled tasks linked to a specific scheduled activity on the system.

Navigation: This modal is accessed from the "View Scheduled Activities" screen where the "View Scheduled Tasks" button is clicked, and the "Scheduled Tasks" modal is displayed. The "Scheduled Tasks" modal looks as follows:
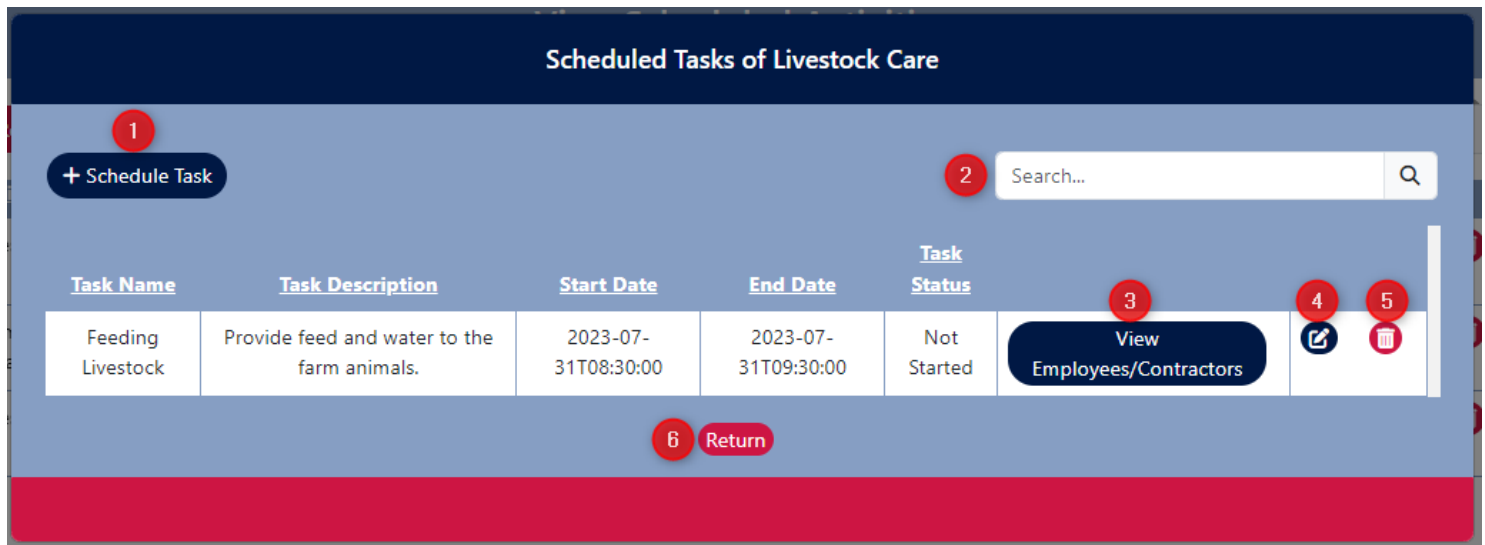

Figure 36: Scheduled Tasks Screen

#	Item Name	Item Description
1	Schedule Task Button	When clicked the system will display the "Schedule New Task" modal. See "12.5 6.5 Create Task for Activity" for more information.
2	Search Bar	The admin can enter search criteria which will filter the scheduled task results in the table.

#	Item Name	Item Description
3	View Employees/Contractors button	When clicked the system will display the "Employees assigned" modal which looks as follows:
4	Edit Task Button	When clicked the system will display the "Update Existing Scheduled Task" modal. See "12.7 6.7 Update Scheduled Task" for more information.
5	Delete Task Button	When clicked the system will display the "Delete Scheduled Activity Warning" modal. See "12.6 6.6 Delete Scheduled Task for Activity" for more information.
6	Return Button	When clicked the system will return to the "View Scheduled Activities" screen.

Table 36: Scheduled Tasks Screen

13 Subsystem 7: Equipment Subsystem (Administrator)

13.1 7.1 Add Equipment

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