

6 Help

There are 2 options available with regards to help on the system. The user can choose to view a help video of the current screen that they require help with, or the user can access a help PDF on the specific function or a help PDF of the full system. Both of these can be accessed through the Help navigation bar dropdown pictured below.

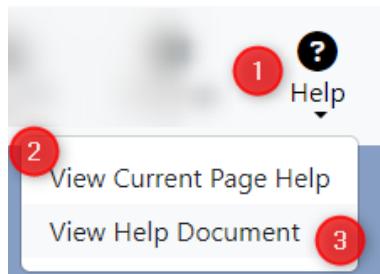


Figure 1: Help Navbar Dropdown

#	Item Name	Item Description
1	Help Navbar Option	When clicked the system will display the 2 help dropdown options.
2	View Current Page Help Button	When clicked the system will display the current page help video modal.
3	View Help Document	When clicked the system will route the user to the help page.

Table 1: Help Navbar Dropdown

This functionality is showcased with the following use cases:

6.1 1.9 Initiate Current Page Help Video

Purpose: The purpose of this modal is to allow the user to access a help video about the current screen they are viewing.

Navigation: The user can access a pre-recorded help video about the screen that they are currently viewing by clicking the “View Current Page Help” dropdown button of the Help navigation bar option. The pre-recorded screen will be displayed in a modal which will look as follows:

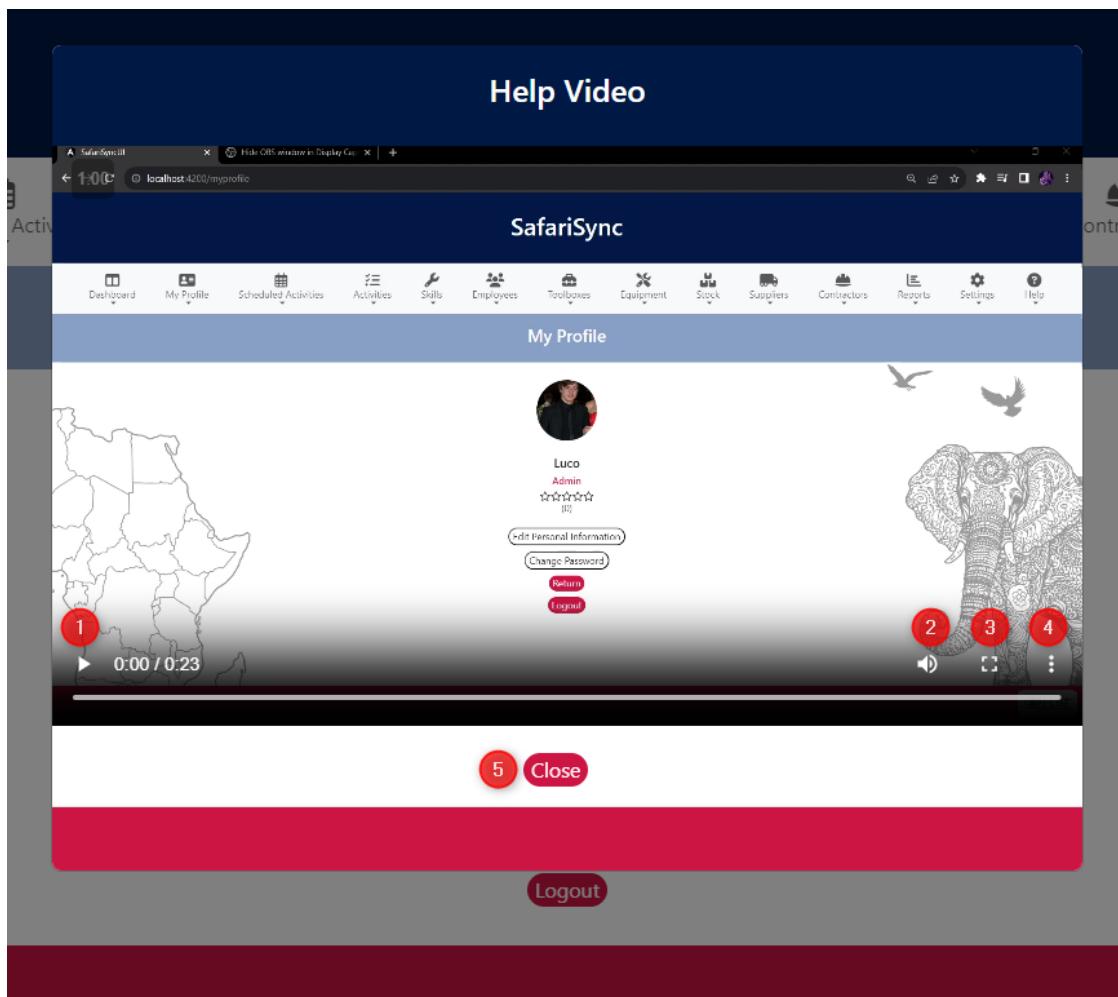


Figure 2: Initiate Current Page Help Video Modal

#	Item Name	Item Description
1	Play/Pause Button	When clicked the video will play/pause.
2	Volume Adjust Button	When clicked a volume slider will appear allowing the user to adjust the video's volume.
3	Full Screen Button	When clicked the video will become full screen taking up the entire screen.
4	Additional Options Button	When clicked the user will be able to change the playback speed of the video.
5	Close Button	When clicked the modal will close.

Table 2: Initiate Current Page Help Video

6.2 1.10 View Help

Purpose: The purpose of this screen is to allow the user to access a full help document of the entire system and access specific help documents according to specific functions. These help documents can also be searched to find the specific document that the user is looking for.

Navigation: The user can access the “Help Page” screen by clicking the “View Help Document” dropdown button of the Help navigation bar option. The “Help Page” screen will be displayed which will look as follows:

Figure 3: Help Page Screen

#	Item Name	Item Description
1	Search Bar	The user enters search criteria which will filter the specific help PDF documents.
2	Specific Help PDFs table	The user can click on a specific help PDF that they would like to view on a specific function and the system will display the document in a PDF reader where the user can view and download the PDF.

3	Complete Help PDF Button	When clicked the system will display the complete system help PDF in a PDF reader where the user can view and download the PDF.
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Table 3: Help Page Screen

6.3 Additional Help Contact Details

If a user still requires additional help with the system, they can contact the ByteBuilders team who will be very willing to assist in any way possible.

Email: u21618543@gmail.com

Cell Number: 0727092018

7 1. User (Administrator/Supervisor/Farm Worker)

7.1 1.1 Register Profile

7.1.1 Admin Registration Screen

Purpose: The purpose of this screen is to allow a new admin to register their profile.

Navigation: This page will be accessed through a registration link that will be sent via SMS to the new admin. An existing admin will prompt the system to send the admin registration link.

Figure 4: Admin Registration Screen

#	Item Name	Item Description
1	Username Textbox	The user can enter their Username.
2	Surname Textbox	The user can enter their surname.
3	Email Textbox	The user can enter their email.

#	Item Name	Item Description
4	Id/Passport Number Textbox	The user can enter their Id/Passport number.
5	Cellphone Number Textbox	The user can enter their Cellphone number.
6	Password Textbox	The user can enter their chosen password.
7	Select a Skill Dropdown	The user can select skills from a pre-populated dropdown of existing skills. They can then add the skill to their details.
8	Upload ID/Passport Photo Button	When clicked the user will be able to upload their Id/Passport photo.
9	Register Button	<p>When clicked the system will validate all the entered fields. If successful, the user will be redirected to the Login Screen and the following notification will be displayed:</p> <div style="background-color: #e0f2e0; padding: 10px; border-radius: 5px; width: fit-content; margin: auto;"> ✓ SUCCESS Registered Successfully! × </div> <p>The user will not be able to click the register button until all fields are completed correctly and fulfil the validation requirements.</p>

Table 4: Admin Registration Screen

7.1.2 Supervisor/Farm Worker Registration Screen

Purpose: The purpose of this screen is to allow a new Supervisor/Farm Worker to register their profile.

Navigation: This page will be accessed through a registration link that will be sent via SMS to the new user. An existing admin will prompt the system to send the registration link.

Take note: The role text will be different for a supervisor registration. Instead of saying "Farm Worker" it will say "Supervisor". However, all input fields will remain the same.

The screenshot shows the "Welcome to SafariSync" registration page. At the top, it says "Please register your farm worker profile". Below are eight numbered fields: 1. Username, 2. Surname, 3. Id/Passport Number, 4. Cellphone Number, 5. Password, 6. Select a Skill dropdown, 7. Upload ID/Passport Photo button with a note "Image is required.", and 8. Farm Worker role selection. A "Register" button is at the bottom.

Figure 5: Supervisor/Farm Worker Registration Screen

#	Item Name	Item Description
1	Username Textbox	The user can enter their Username.
2	Surname Textbox	The user can enter their surname.
3	Id/Passport Number Textbox	The user can enter their Id/Passport number.

#	Item Name	Item Description
4	Cellphone Number Textbox	The user can enter their Cellphone number.
5	Password Textbox	The user can enter their chosen password.
6	Select a Skill Dropdown	The user can select skills from a pre-populated dropdown of existing skills. They can then add the skill to their details.
7	Upload ID/Passport Photo Button	When clicked the user will be able to upload their Id/Passport photo.
8	Register Button	<p>When clicked the system will validate all the entered fields. If successful, the user will be redirected to the Login Screen and the following notification will be displayed:</p> <div style="background-color: #e0f7fa; padding: 10px; border-radius: 5px; width: fit-content; margin: auto;"> ✓ SUCCESS × <p>Registered Successfully!</p> </div> <p>The user will not be able to click the register button until all fields are completed correctly and fulfil the validation requirements.</p>

Table 5: Supervisor/Farm Worker Registration Screen

7.2 1.2 View Profile

Purpose: The purpose of this screen is to allow a user to view their profile.

Navigation: The user can access the “My Profile” screen by clicking the “View My Profile” dropdown button of the My Profile navigation bar option. The “My Profile” screen will be displayed which will look as follows:

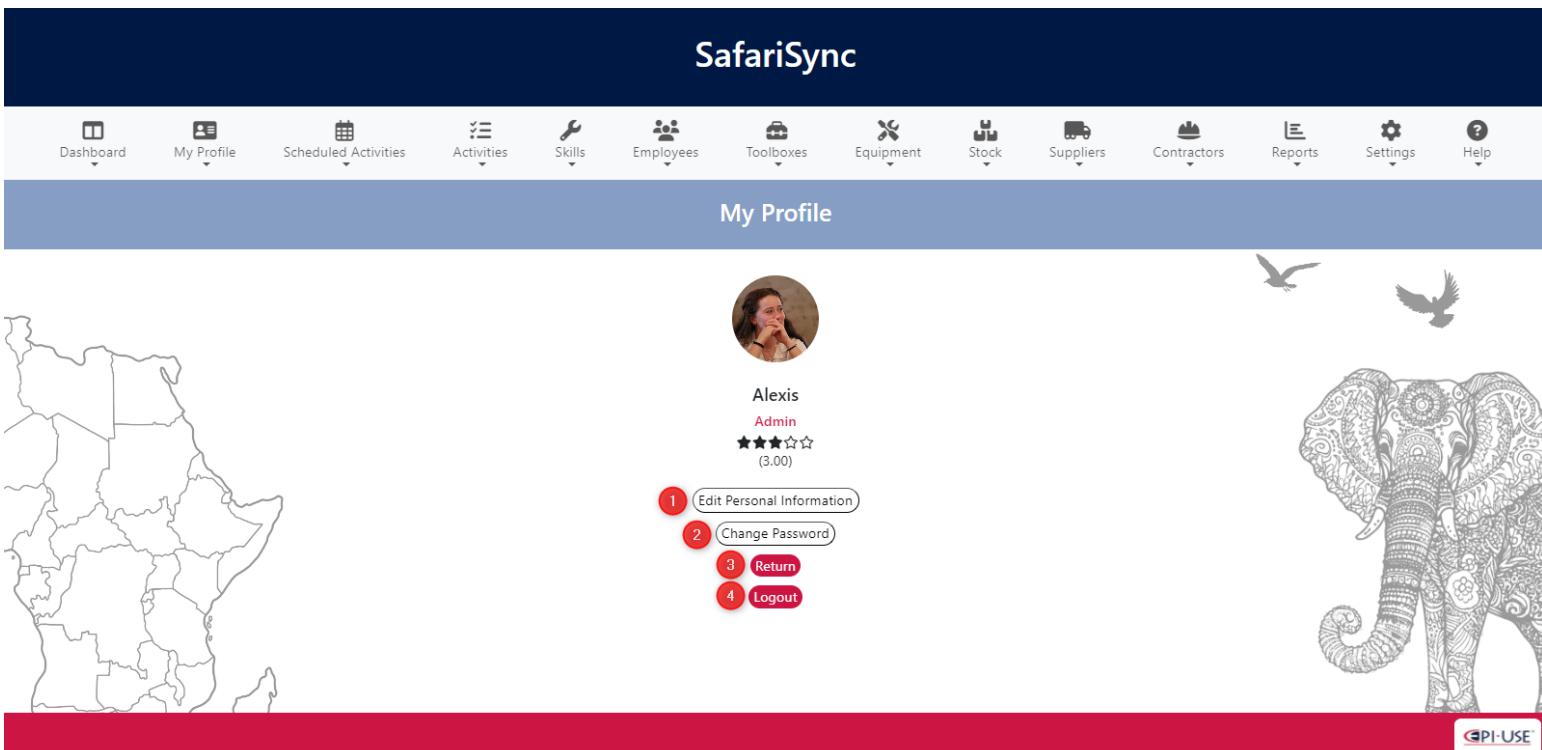


Figure 6: My Profile Screen

#	Item Name	Item Description
1	Edit Personal Information Screen	When clicked the system will display the “Edit My Profile” screen.
2	Change Password Screen	When clicked the system will display the “Change My Password” screen.
3	Return Button	When clicked the system will return to the dashboard screen.
4	Logout Button	When clicked the system will log the user out of the system. More on this functionality in “7.6 1.6 Logout”.

Table 6: My Profile Screen

7.3 1.3 Update Profile

Purpose: The purpose of this screen is to allow a user to update their profile details.

Navigation: The user can access the “Edit My Profile” screen by clicking the “Edit Personal Information” button on the My Profile screen. The “Edit My Profile” screen will be displayed which will look as follows:

Figure 7: Edit My Profile Screen

#	Item Name	Item Description
1	Update Profile Photo Button	When clicked the system will allow the user to upload and replace their current profile photo. A confirmation modal will be displayed that looks as follows:

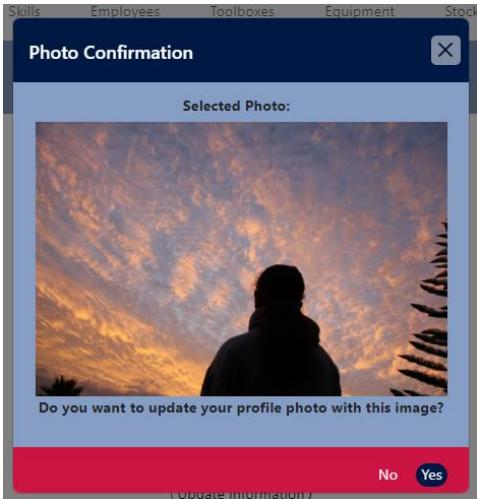
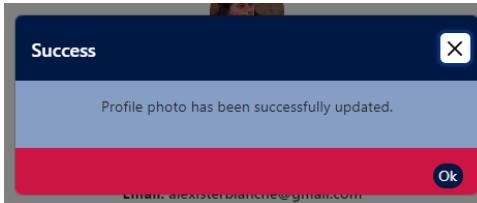
		 <p>Once confirmed a success modal will be displayed looking as follows:</p> 
2	Update Information Button	When clicked the system will display the “Edit User Information” modal. More information is provided below in “7.3.1 Edit User Information Modal”.
3	Return Button	When clicked the system will return to the “My Profile” screen.

Table 7: Edit My Profile Screen

7.3.1 Edit User Information Modal

This modal is displayed when a user clicks the “Update Information” button on the “Edit my Profile” screen.

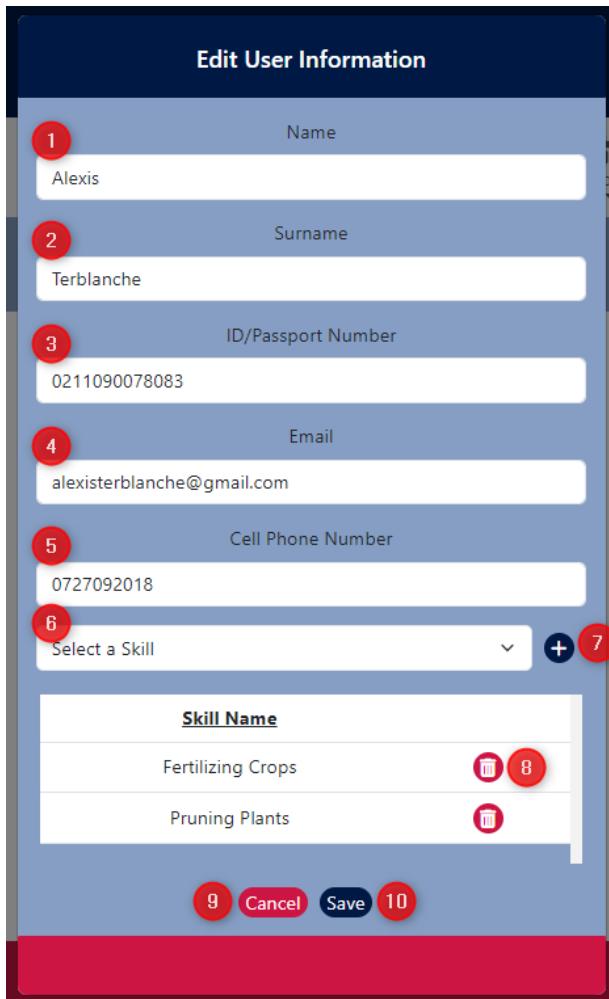


Figure 8: Edit User Information Modal

#	Item Name	Item Description
1	Username Textbox	The user can edit their Username.
2	Surname Textbox	The user can edit their surname.
3	Id/Passport Number Textbox	The user can edit their Id/Passport number.
4	Email Textbox	The user can edit their email.
5	Cellphone Number Textbox	The user can edit their Cellphone number.

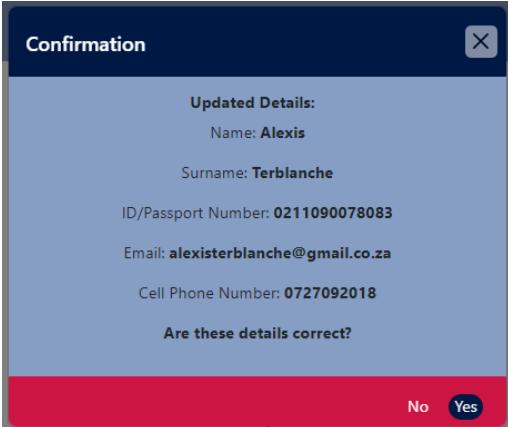
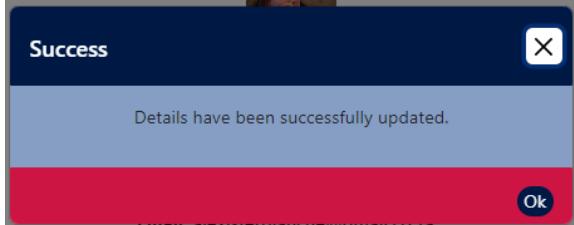
#	Item Name	Item Description
6	Select a Skill Dropdown	The user can select skills from a pre-populated dropdown of existing skills. They can then add the skill to their details.
7	Add Skill Button	When clicked the system will add the selected skill from the dropdown into the skill table below.
8	Delete Skill Button	When clicked the system will delete the skill from the user's skills.
9	Cancel Button	When clicked the system will return to the "Edit My Profile" screen.
9	Save Button	<p>When clicked the system will validate all the entered fields. If successful, the system will display a confirmation modal which will look as follows:</p>  <p>If the details are confirmed and the "Yes" button is clicked a success modal will be displayed looking as follows:</p> 

Table 8: Edit User Information Modal

7.4 1.4 Delete Profile (Administrator Privilege)

Purpose: The purpose of this function is to allow an administrator to soft delete a user off of the system. Admins cannot delete other admins.

Navigation: This will be accessed through the “View Employees” screen where the “Delete Employee” button has been clicked.

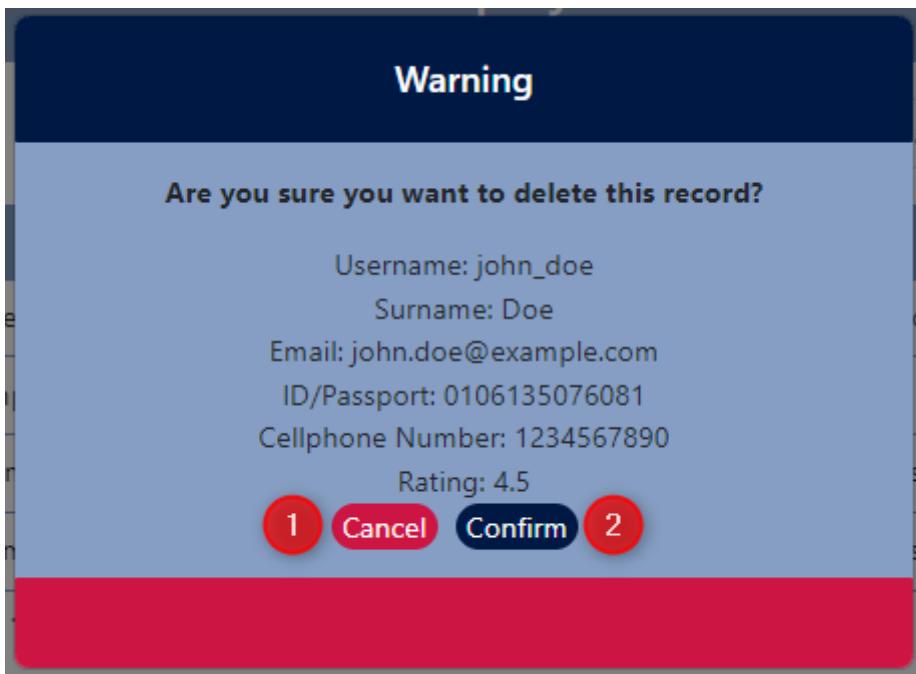


Figure 9: Delete User Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will return back to the “View Employees” screen.
2	Confirm Button	When clicked the system will attempt to soft delete the user from the system. If successful, the user will be deleted, and the “View Employees” screen will be displayed.

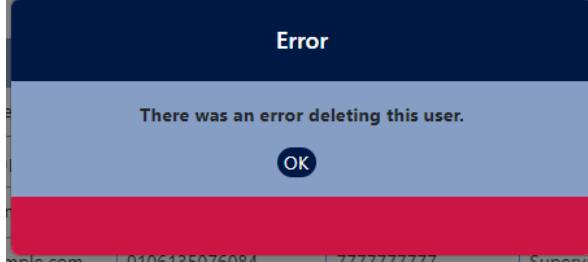
#	Item Name	Item Description
		<p>If unsuccessful the following error modal will be displayed:</p>  <p>The modal is titled "Error" and contains the message "There was an error deleting this user." A blue "OK" button is at the bottom.</p> <p>A user will not be able to be deleted if they are linked to any scheduled activities and tasks.</p>

Table 9: Delete User Warning Modal

7.5 1.5 Login

Purpose: The purpose of this screen is to allow a user to log in to the system using their Id/Passport number and password.

Navigation: This will be accessed upon opening the system or after successful registration.



Figure 10: Login Screen

#	Item Name	Item Description
1	Id/Passport Number Textbox	The user can enter their Id/Passport number.
2	Password Textbox	The user can enter their password.
3	Eye button	When clicked the entered password will be revealed.
4	Forgot Password Button	When clicked the system will display the "Forgot Password" screen.

#	Item Name	Item Description
5	Login Button	<p>When clicked the system will validate the entered details.</p> <p>If successful, the system will display the user's dashboard screen and display the following notification:</p>  <p>If unsuccessful, the system will display the following notification:</p> 

Table 10: Login Screen

7.6 1.6 Logout

Purpose: The purpose of this function is to allow a user to logout of the system.

Navigation: This will be accessed through the “My Profile” screen (see 7.2 1.2 View Profile) where the “Logout” button has been clicked.

When the “Logout” button has been clicked, the system will return to the Login screen.

7.7 1.7 Forgot Password

Purpose: The purpose of this screen is to allow a user to receive a new password if they have forgotten theirs by entering their ID/Passport number.

Navigation: This will be accessed through the “Login” screen (see 7.5 1.5 Login) where the “Forgot Password” button has been clicked.

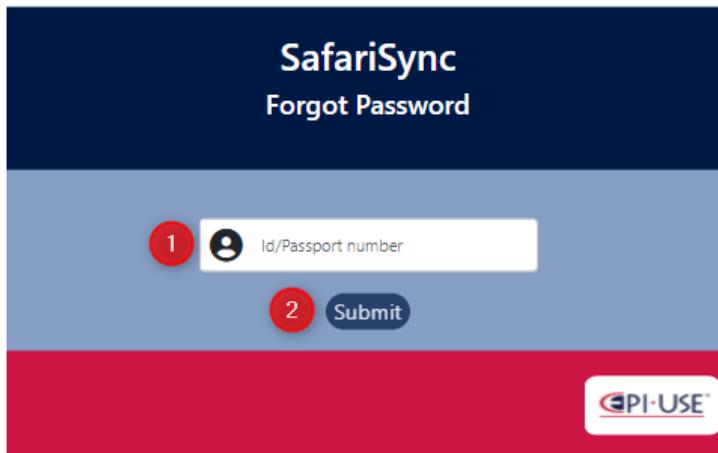


Figure 11: Forgot Password Screen

#	Item Name	Item Description
1	Id/Passport Number textbox	The user can enter their Id/Passport Number
2	Submit Number	<p>When clicked the system will validate the entered Id/Passport number.</p> <p>If successful, the system will send an SMS with a new password for login to the user's Cellphone number which will look as follows:</p> <div style="background-color: #fce4ec; padding: 10px; border-radius: 10px; width: fit-content; margin-left: auto; margin-right: 0;"> SafariSync new password is: e0u*auvA </div> <p>Simultaneously the system will return to the “Login” screen and display the following success notification:</p> <div style="background-color: #d4edbc; padding: 10px; border-radius: 10px; width: fit-content; margin-left: auto; margin-right: 0;"> SUCCESS Forgot password link sent </div> <p>The user can then login to the system using their new password.</p>

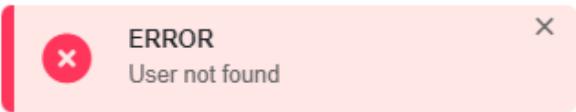
#	Item Name	Item Description
		<p>If the validation is unsuccessful and the user's Id/Passport number cannot be found, the following notification will be displayed:</p> 

Table 11: Forgot Password Screen

7.8 1.8 Update Password

Purpose: The purpose of this modal is to allow the user to update their existing password to a new password.

Navigation: The user can access this modal through the “My Profile” screen by clicking the “Change Password” button. The “Change My Password” modal will look as follows:

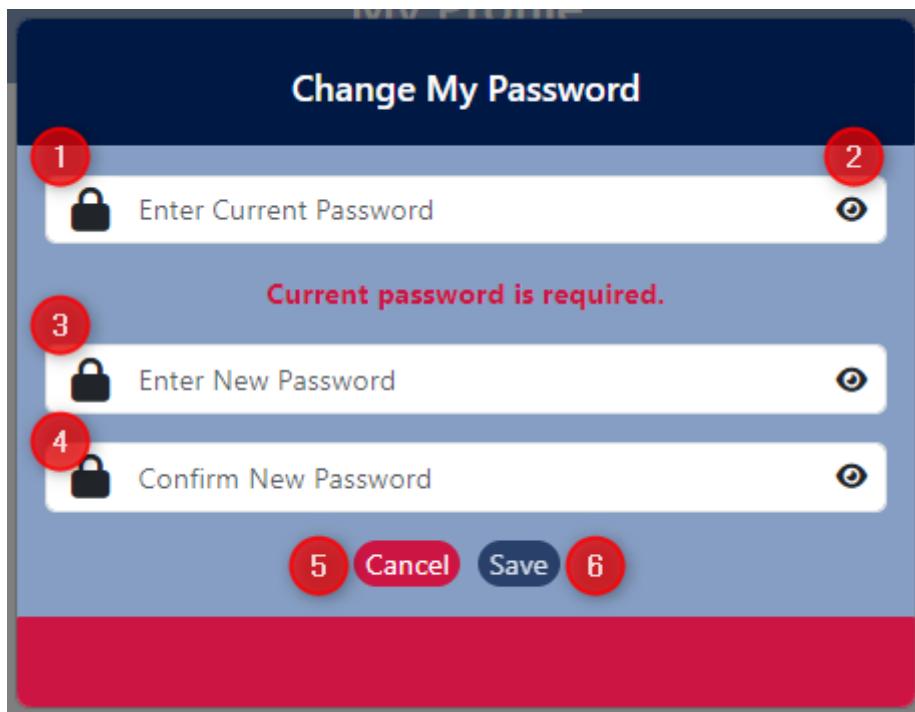


Figure 12: Change My Password Modal

#	Item Name	Item Description
1	Enter Current Password Textbox	The user can enter their current password.
2	Eye Icon Button	When clicked will reveal the password entered. (This applies to all eye icon buttons on the modal)
3	Enter New Password Textbox	The user can enter a new password.
4	Confirm New Password Textbox	The user can enter their new password again to confirm.
5	Cancel Button	When clicked the system will return to the “My Profile” screen.

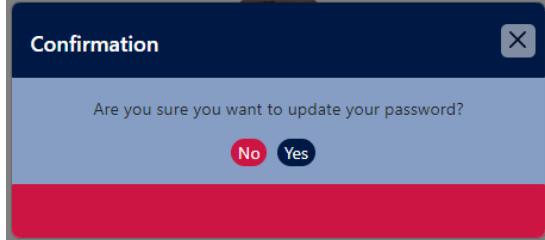
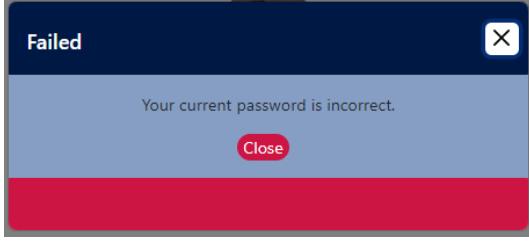
#	Item Name	Item Description
6	Save Button	<p>The save button can only be clicked if all fields are filled in to match password strength integrity.</p> <p>When clicked the system will validate all the entered details against the password strength requirements.</p> <p>If successful, the confirm password modal will be displayed looking as follows:</p>  <p>If “Yes” is clicked the following success modal will be displayed:</p>  <p>If validation is unsuccessful due to an incorrect current password being entered the following “Failed” modal will be displayed:</p> 

Table 12: Change My Password Modal

7.9 1.9 Initiate Current Page Help Video

Purpose: The purpose of this modal is to allow the user to access a help video about the current screen they are viewing.

Navigation: The user can access a pre-recorded help video about the screen that they are currently viewing by clicking the “View Current Page Help” dropdown button of the Help navigation bar option. The pre-recorded screen will be displayed in a modal which will look as follows:

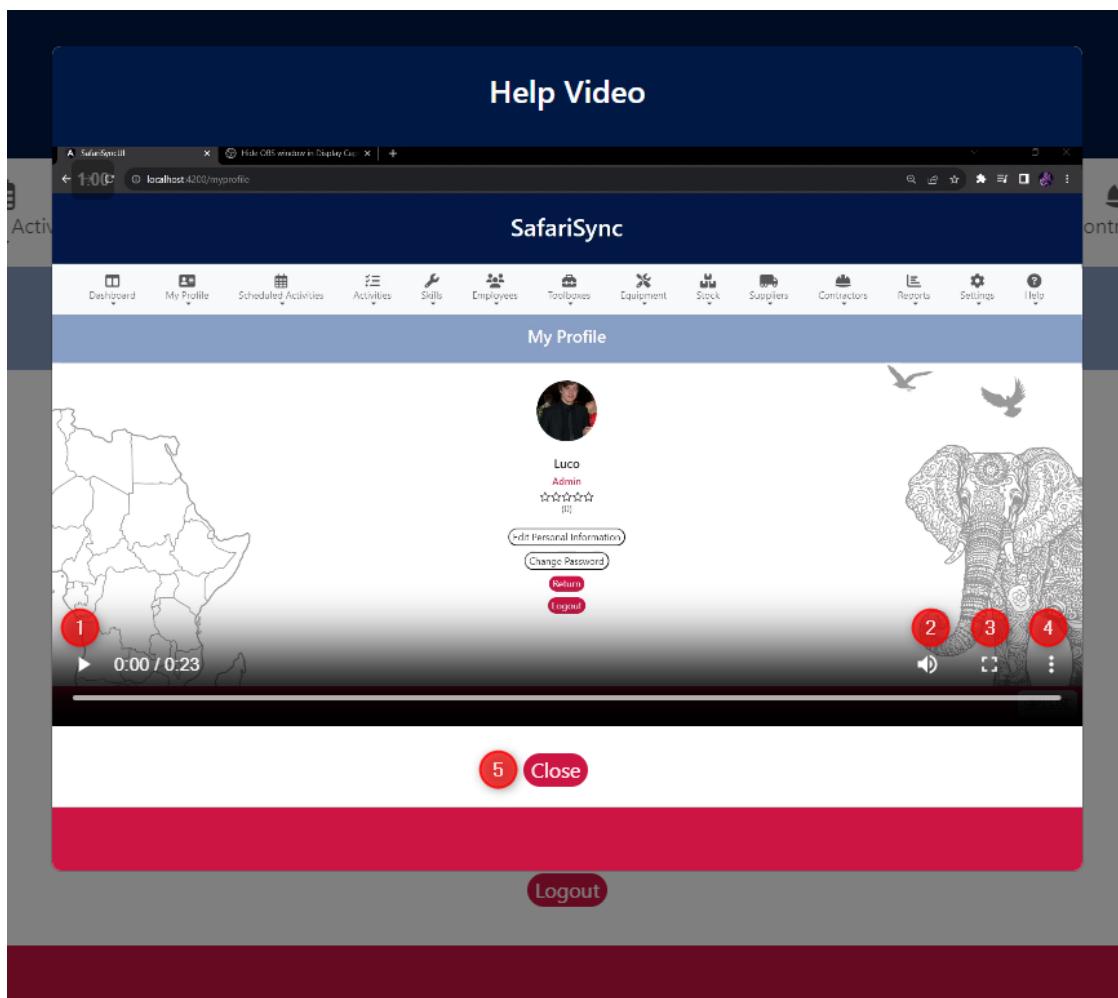


Figure 13: Initiate Current Page Help Video Modal

#	Item Name	Item Description
1	Play/Pause Button	When clicked the video will play/pause.
2	Volume Adjust Button	When clicked a volume slider will appear allowing the user to adjust the video's volume.

3	Full Screen Button	When clicked the video will become full screen taking up the entire screen.
4	Additional Options Button	When clicked the user will be able to change the playback speed of the video.
5	Close Button	When clicked the modal will close.

Table 13: Initiate Current Page Help Video

7.101.10 View Help

Purpose: The purpose of this screen is to allow the user to access a full help document of the entire system and access specific help documents according to specific functions. These help documents can also be searched to find the specific document that the user is looking for.

Navigation: The user can access the “Help Page” screen by clicking the “View Help Document” dropdown button of the Help navigation bar option. The “Help Page” screen will be displayed which will look as follows:

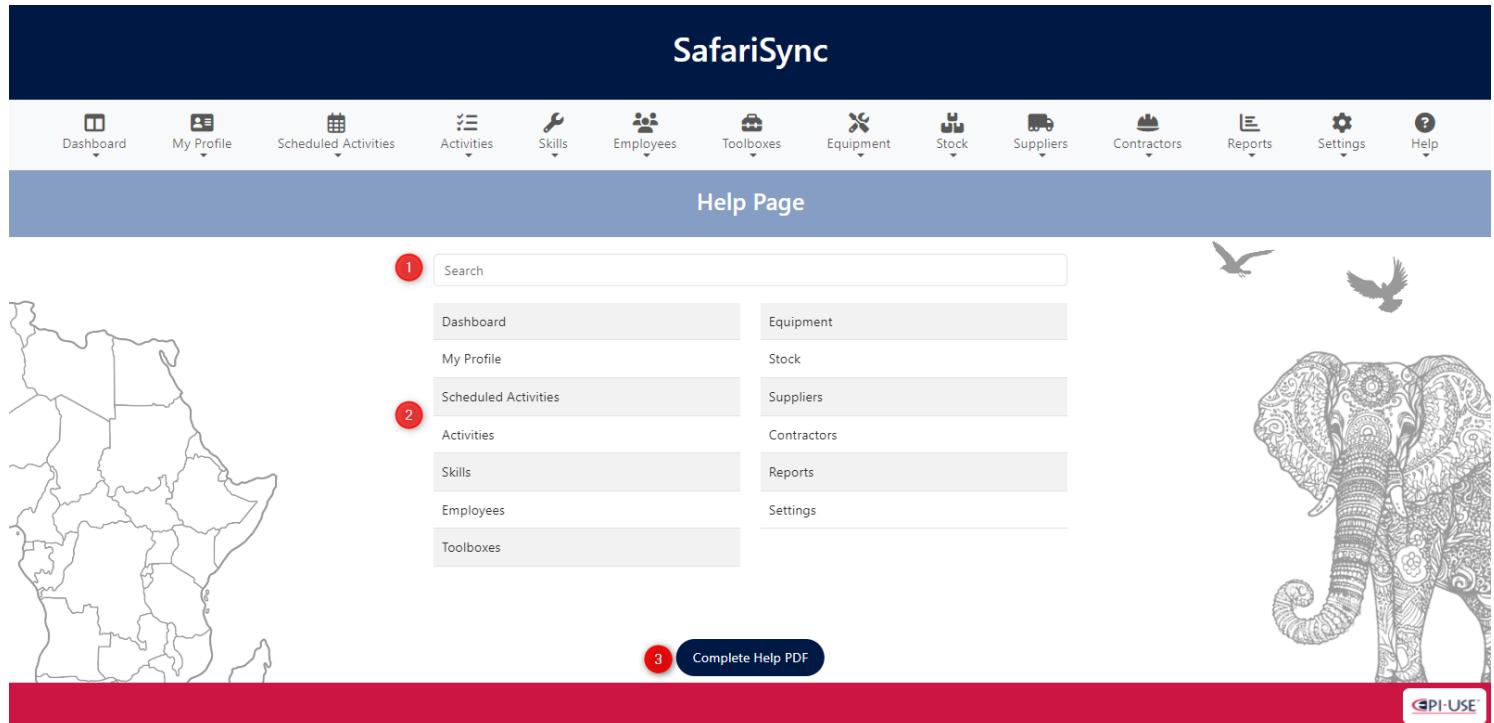


Figure 14: Help Page Screen

#	Item Name	Item Description
1	Search Bar	The user enters search criteria which will filter the specific help PDF documents.
2	Specific Help PDFs table	The user can click on a specific help PDF that they would like to view on a specific function and the system will display the document in a PDF reader where the user can view and download the PDF.
3	Complete Help PDF Button	When clicked the system will display the complete system help PDF in a PDF reader where the user can view and download the PDF.

Table 14: Help Page Screen

7.11 1.11 View Dashboard

7.11.1 Administrator Dashboard

Purpose: The purpose of this screen is to allow the admin to view graphs and their activity stream about certain aspects of the system.

Navigation: The user can access this screen by logging into the system successfully. This is the screen that the system displays immediately on login. The admin dashboard screen looks as follows:

7.11.2 Supervisor/Farm Worker Dashboard

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

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

SafariSync

Luc's Dashboard

Scheduled Activity Status

Total Activities Activities In Progress



Activity Stream

Date Message Accepted Status

No Recent Updates

Stock Items Near Depletion

Stock Name	Quantity
------------	----------

No Low Stock Listings

Top Performers

User	Score
john_doe	4.5
mike_jackson	5
jane williams	4.2

8 Subsystem 2: Administrator Subsystem (Administrator)

8.1 2.1 Send Registration Link

Purpose: The purpose of this screen is to allow an admin to send a registration link to new users by entering the user's cellphone number.

Navigation: The admin can access this screen by clicking the “Employees” dropdown on the navigation bar and then clicking the “Send Registration Link” option. The “Send Registration Link” screen will look as follows:

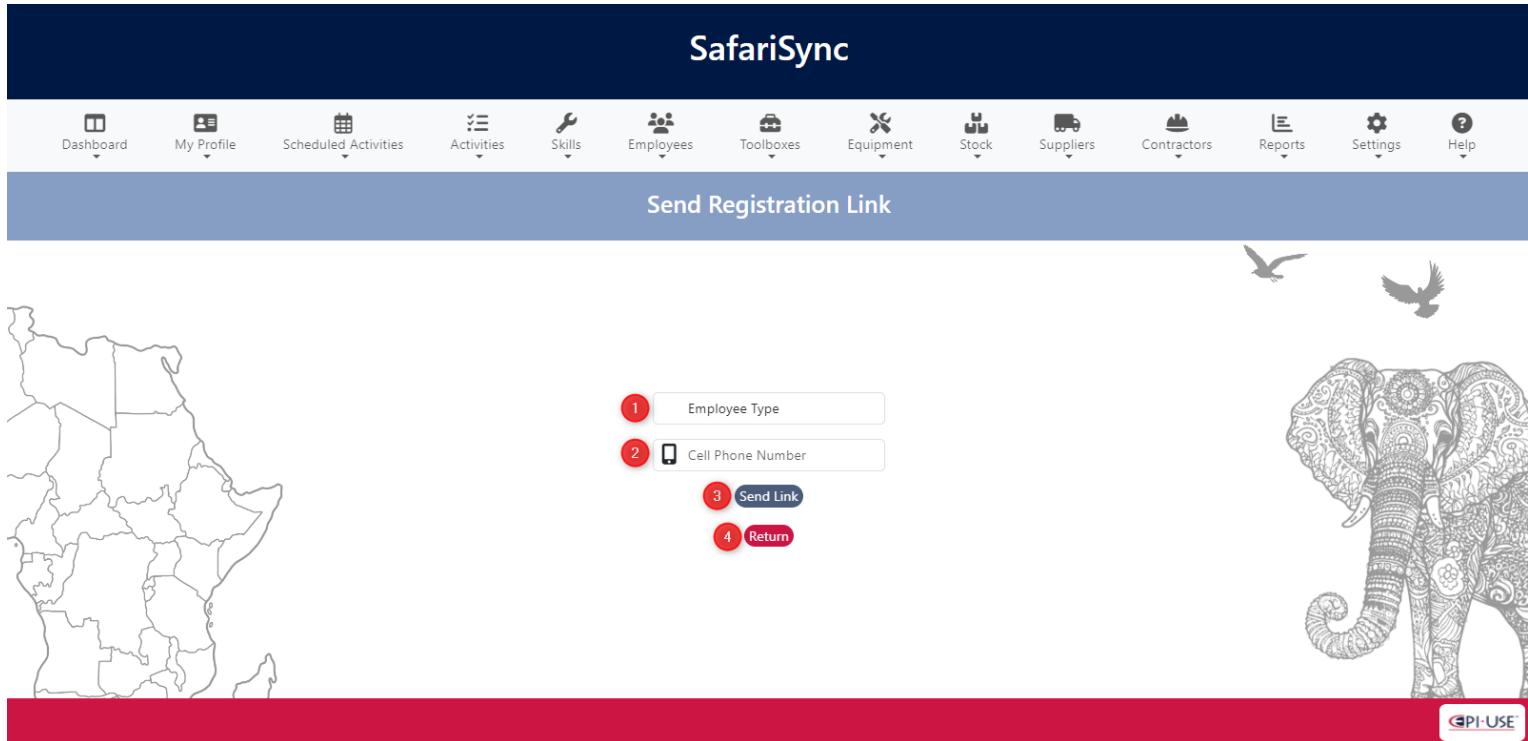


Figure 15: Send Registration Link Screen

#	Item Name	Item Description
1	Employee Type Dropdown	The admin can select the employee type (Admin, Supervisor or Farm Worker) of the new user.
2	Cell Phone Number Textbox	The admin can enter the new employee's Cellphone number.
3	Send Link Button	<p>The Send Link button cannot be clicked unless a valid Cellphone number has been entered.</p> <p>When clicked the system will send a registration link via SMS to the new user which will link to their specific user</p> <div style="border: 1px solid #ccc; padding: 10px; width: fit-content; margin-left: auto; margin-right: 0;"> Hello, you are registered as a worker. Your registration link is: http://localhost:4200/register-farmworker?token=43f3601ad9 </div> <p>role registration page. The SMS message will look as follows:</p>

		The SMS text and link will differ depending on the Employee type selected by the administrator.
4	Return Button	When clicked the system will return to the “Dashboard” screen.

Table 15: Send Registration Link Screen

8.2 2.2 Approve/Decline Contractor Task Request

8.3 2.3 View Employee

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

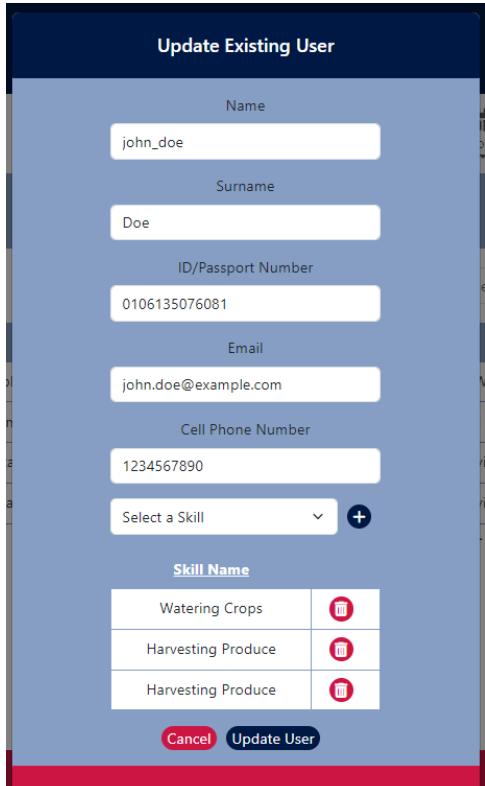
Navigation: The user can access this screen by clicking the “Employees” dropdown on the navigation bar and then clicking the “View Employees” option. The “View Employees” screen looks as follows:

Username	Surname	Email	ID/Passport Number	Cellphone Number	Role	Rating	3	4	5
john_doe	Doe	john.doe@example.com	0106135076081	1234567890	Farm Worker	4.5	View Skills	<input checked="" type="checkbox"/>	
sarah_smith	Smith	sarah.smith@example.com	0106135076085	9876543210	Admin	3.8	View Skills	<input checked="" type="checkbox"/>	
mike_jackson	Jackson	mike.jackson@example.com	0106135076083	5555555555	Supervisor	5	View Skills	<input checked="" type="checkbox"/>	
jane_williams	Williams	jane.williams@example.com	0106135076084	7777777777	Supervisor	4.2	View Skills	<input checked="" type="checkbox"/>	

Figure 16: View Employees Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return back to the Dashboard screen.
2	Search Bar Textbox	An admin can input text to filter the employee results by.
3	View Skills Button	When clicked the system will display the skills and their descriptions associated with that employee in a modal that looks as follows:

#	Item Name	Item Description										
		<p>Skills of john_doeDoe</p> <table border="1"> <thead> <tr> <th>Skill Name</th> <th>Skill Description</th> </tr> </thead> <tbody> <tr> <td>Plowing Fields</td> <td>Using the tractor to plow the fields for planting.</td> </tr> <tr> <td>Sowing Seeds</td> <td>Planting seeds in the prepared soil.</td> </tr> <tr> <td>Watering Crops</td> <td>Ensuring the crops receive adequate water.</td> </tr> <tr> <td>Harvesting Produce</td> <td>Gathering ripe fruits and vegetables from the fields.</td> </tr> </tbody> </table> <p style="text-align: center;">Return</p> <p>The return button will result in the system closing the modal and displaying the “View Employees” screen.</p>	Skill Name	Skill Description	Plowing Fields	Using the tractor to plow the fields for planting.	Sowing Seeds	Planting seeds in the prepared soil.	Watering Crops	Ensuring the crops receive adequate water.	Harvesting Produce	Gathering ripe fruits and vegetables from the fields.
Skill Name	Skill Description											
Plowing Fields	Using the tractor to plow the fields for planting.											
Sowing Seeds	Planting seeds in the prepared soil.											
Watering Crops	Ensuring the crops receive adequate water.											
Harvesting Produce	Gathering ripe fruits and vegetables from the fields.											

#	Item Name	Item Description
4	Edit Employee Button	<p>When clicked the system will display the “Update Existing User” modal which will look as follows:</p>  <p>This modal follows the same format as “7.3.1 Edit User Information Modal”. Refer back for any help.</p> <p>Take note: Only admins can edit user’s details and cannot update other admins’ details.</p>

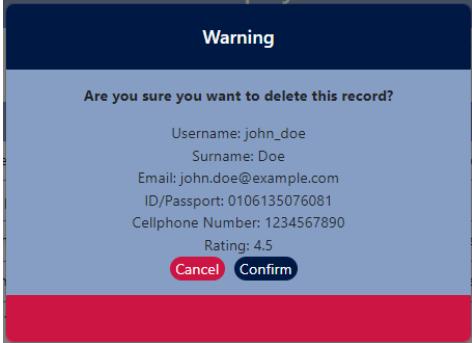
#	Item Name	Item Description
5	Delete Employee Button	<p>When clicked the system will display a “Warning” modal which will look as follows:</p>  <p>Take note: Only admins can delete other users. Admins cannot delete other admin accounts.</p> <p>Users cannot be deleted if they are connected to any scheduled activities.</p>

Table 16: View Employees Screen

9 Subsystem 3: Employee Subsystem (Supervisor/Farm Worker)

9.1 3.1 Accept/Decline Activity (Supervisor)

9.2 3.2 Accept/Decline Task (Farm Worker)

10 Subsystem 4: Skills Subsystem (Administrator)

10.1 4.1 Create Skill

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

Navigation: This modal is accessed from the “View Skills” screen where the “Add Skill” button is clicked. The “Add New Skill” modal looks as follows:

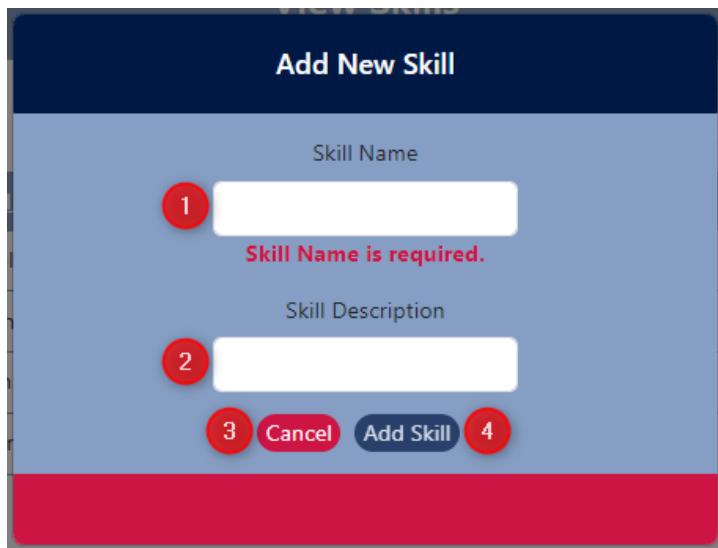


Figure 17: Add New Skill Modal

#	Item Name	Item Description
1	Skill Name Textbox	The admin can input the new skill's name.
2	Skill Description Textbox	The admin can input the new skill's description.
3	Cancel Button	When clicked the system will close the modal and return to the “View Skills” screen.
4	Add Skill Button	The add skill button cannot be clicked until the Skill Name and Description input fields have been completed. When clicked the system will validate the entered details and the “Confirm Add Skill Modal” will be displayed. It will look as follows:

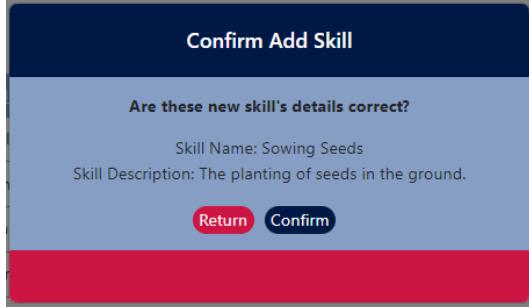
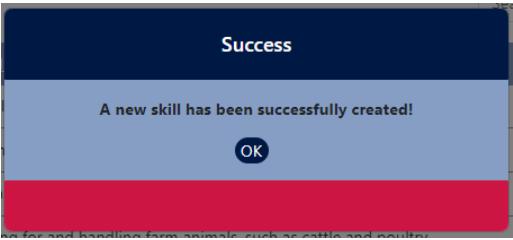
#	Item Name	Item Description
		 <p>The "Confirm Add Skill" modal displays the following information:</p> <p>Confirm Add Skill</p> <p>Are these new skill's details correct?</p> <p>Skill Name: Sowing Seeds Skill Description: The planting of seeds in the ground.</p> <p>Return Confirm</p> <p>If the return button is clicked the system will return to the “Add New Skill” modal. If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p>  <p>The "Success" modal displays the following message:</p> <p>Success</p> <p>A new skill has been successfully created!</p> <p>OK</p>

Table 17: Add New Skill Screen

10.2 4.2 Delete Skill

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

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

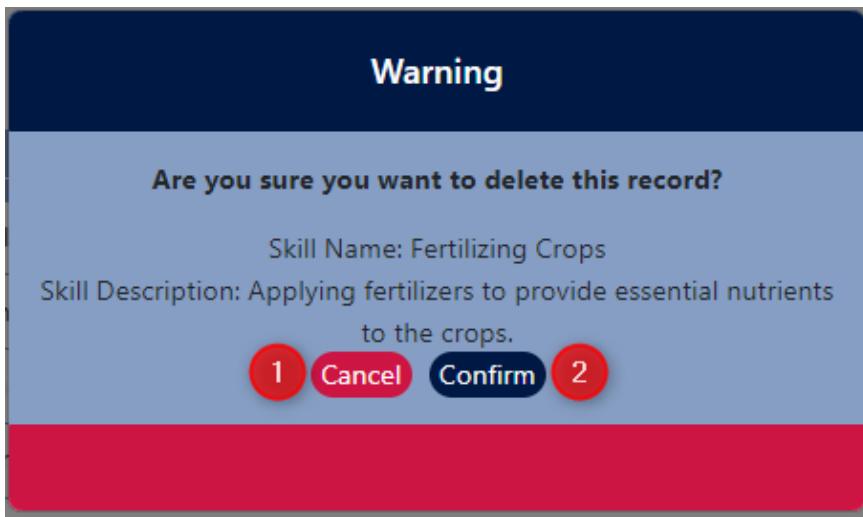


Figure 18: Delete Skill Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Skills” screen.
2	Confirm Button	<p>When clicked the system will attempt to validate the delete of the skill. Take note a skill cannot be deleted if it is associated with any employees or activities.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a dark blue header with the word "Success" in white. The main body is light blue and contains the text "The skill has been deleted.". At the bottom is a red circular button labeled "OK".</p> <p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p>

#	Item Name	Item Description
		<div style="text-align: center;"><p>Error</p><p>This skill is associated with other records and cannot be deleted.</p><p>OK</p></div>

Table 18: Delete Skill Warning Modal

10.3 4.3 View Skill

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

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

Skill Name	Skill Description		
Fertilizing Crops	Applying fertilizers to provide essential nutrients to the crops.		
Harvesting Produce	Gathering ripe fruits and vegetables from the fields.		
Irrigation Management	Managing the irrigation system to optimize water usage.		
Livestock Handling	Caring for and handling farm animals, such as cattle and poultry.		

Figure 19: View Skills Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Dashboard” screen.
2	Add Skill Button	When clicked the system will display the “Add New Skill” modal. See “10.1 4.1 Create Skill” for more information.
3	Search Bar	The admin can enter search criteria which will filter the skill results in the table.
4	Edit Skill Button	When clicked the system will display the “Update Existing Skill” modal. See “10.4 4.4 Update Skill” for more information.

#	Item Name	Item Description
5	Delete Skill Button	When clicked the system will display the “Delete Skill Warning” modal. See “10.2 4.2 Delete Skill” for more information.

Table 19: View Skills Screen

10.4 4.4 Update Skill

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

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



Figure 20: Update Existing Skill Modal

#	Item Name	Item Description
1	Skill Name Textbox	The admin can edit the skill name.
2	Skill Description Textbox	The admin can edit the skill description.
3	Cancel Button	When clicked the system will return to the “View Skills” screen.

#	Item Name	Item Description
4	Update Skill Button	<p>When clicked the system will display the “Confirm Update Skill” modal which will look as follows:</p> <p>If the Return button is clicked the system will return to the “Update Existing Skill” modal.</p> <p>If the Confirm button is clicked the system will update the skill’s details and display the following “Success” modal:</p>

Table 20: Update Existing Skill Modal

11 Subsystem 5: Activity Subsystem (Administrator)

11.1 5.1 Create Activity

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

Navigation: This modal is accessed from the “View Activities” screen where the “Add Activity” button is clicked. The “Add New Activity” modal looks as follows:

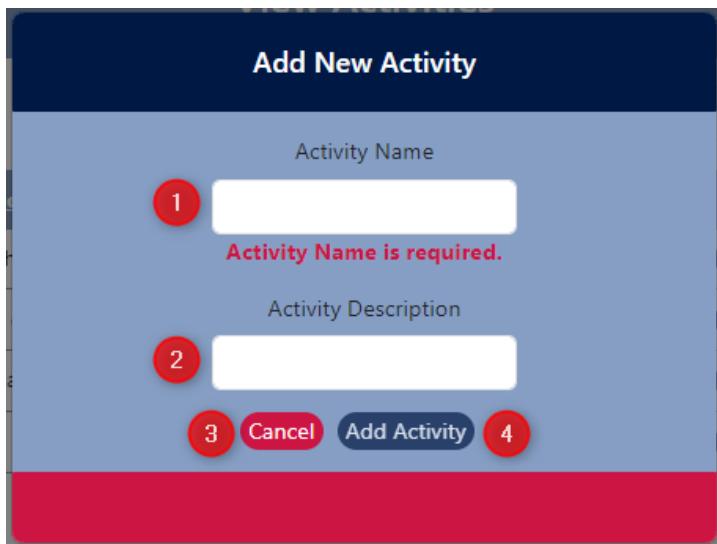


Figure 21: Add New Activity Modal

#	Item Name	Item Description
1	Activity Name Textbox	The admin can input the new activity's name.
2	Activity Description Textbox	The admin can input the new activity's description.
3	Cancel Button	When clicked the system will close the modal and return to the “View Activities” screen.
4	Add Activity Button	The add Activity button cannot be clicked until the Activity Name and Description input fields have been completed. When clicked the system will validate the entered details and the “Confirm Add Activity Modal” will be displayed. It will look as follows:

#	Item Name	Item Description
		 <p>The modal title is "Confirm Add Activity". The main question is "Are these new activity's details correct?". Below it, the "Activity Name" is listed as "Barn Renovation" and the "Activity Description" is "Fixing the issues with the barn." At the bottom are two buttons: "Return" (red) and "Confirm" (black).</p> <p>If the return button is clicked the system will return to the “Add New Activity” modal.</p> <p>If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p>  <p>The success message is "A new activity has been successfully created!" and there is an "OK" button at the bottom.</p>

Table 21: Add New Activity Modal

11.2 5.2 Delete Activity

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

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

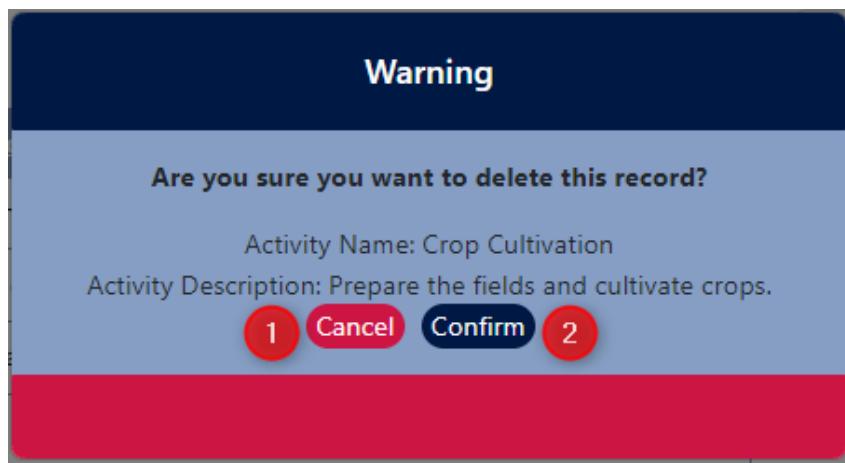


Figure 22: Delete Activity Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Activities” screen.
2	Confirm Button	<p>When clicked the system will attempt to validate the delete of the activity. Take note an activity cannot be deleted if it is associated with any scheduled activities or tasks.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a dark blue header bar with the word "Success" in white. The main body is light blue and contains the text "The activity has been deleted.". At the bottom, there is a dark blue "OK" button.</p>

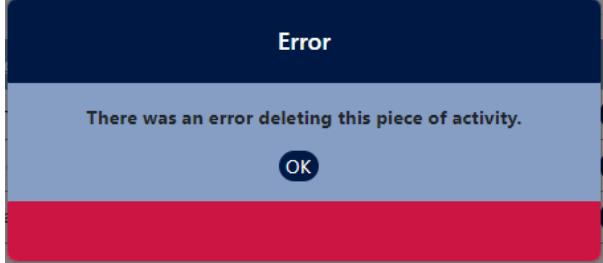
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p> 

Table 22: Delete Activity Warning Modal

11.3 5.3 View Activity

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

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

Activity Name	Description	Tasks
Crop Cultivation	Prepare the fields and cultivate crops.	4 5 6
Livestock Care	Take care of the farm animals.	View Tasks 5 6
Farm Infrastructure	Maintain and repair farm structures.	View Tasks 5 6

Figure 23: View Activities Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Dashboard” screen.
2	Add Activity Button	When clicked the system will display the “Add New Activity” modal. See “11.1 5.1 Create Activity” for more information.
3	Search Bar	The admin can enter search criteria which will filter the activity results in the table.

#	Item Name	Item Description
4	View Tasks Button	When clicked the system will display the “View Activity Tasks” modal. See “11.7 5.7 View Task for Activity” for more information.
5	Edit Activity Button	When clicked the system will display the “Update Existing Activity” modal. See “11.4 5.4 Update Activity” for more information.
6	Delete Activity Button	When clicked the system will display the “Delete Activity Warning” modal. See “11.2 5.2 Delete Activity” for more information.

Table 23: View Activities Screen

11.4 5.4 Update Activity

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

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

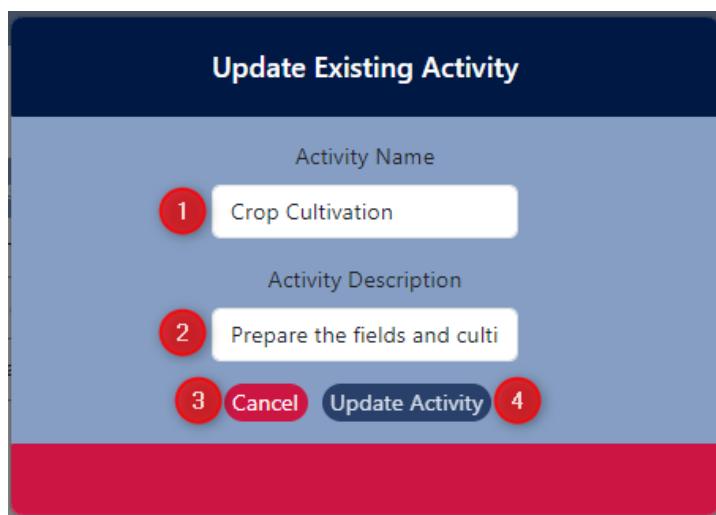


Figure 24: Update Existing Activity Modal

#	Item Name	Item Description
1	Activity Name Textbox	The admin can edit the activity name.
2	Activity Description Textbox	The admin can edit the activity description.
3	Cancel Button	When clicked the system will return to the "View Activities" screen.

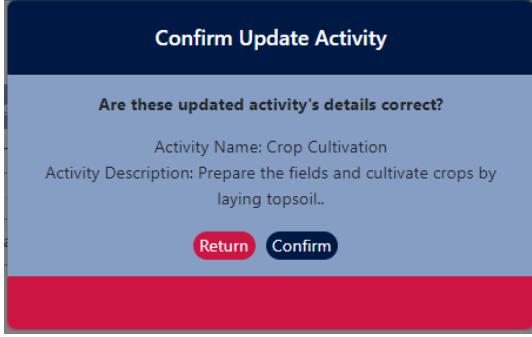
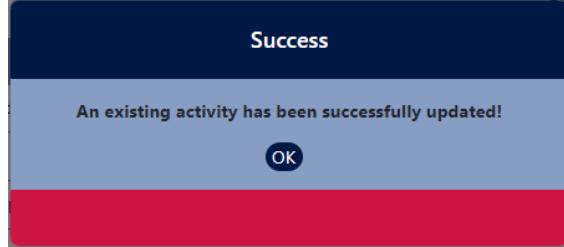
#	Item Name	Item Description
4	Update Activity Button	<p>When clicked the system will display the “Confirm Update Activity” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Update Existing Activity” modal.</p> <p>If the Confirm button is clicked the system will update the activity’s details and display the following “Success” modal:</p> 

Table 24: Update Existing Activity Modal

11.5 5.5 Create Task for Activity

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

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

Navigation: This modal is accessed from the “View Activities” screen where the “View Tasks” button is clicked, and the “View Activity Tasks” modal is displayed. The “Add Task” button is then clicked, and the “Add New Task” modal looks as follows:

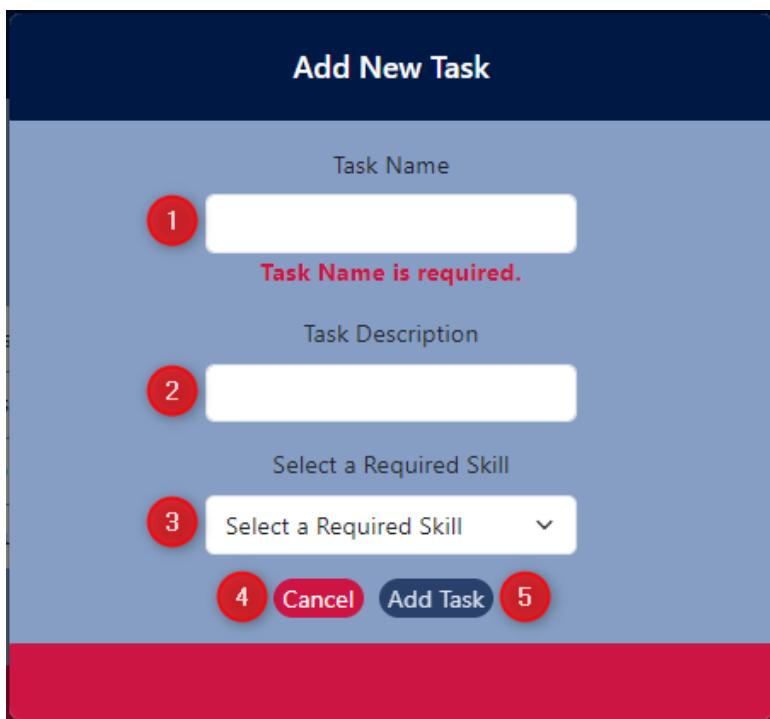


Figure 25: Add New Task Modal

#	Item Name	Item Description
1	Task Name Textbox	The admin can input the new activity's name.
2	Task Description Textbox	The admin can input the new tasks' description.
3	Select a Required Skill Dropdown	The admin can select a required skill for the task.
4	Cancel Button	When clicked the system will close the modal and return to the “View Activity Tasks” screen.

#	Item Name	Item Description
5	Add Task Button	<p>The add task button cannot be clicked until the Task Name, Description and Required Skill input fields have been completed.</p> <p>When clicked the system will validate the entered details and the “Confirm Add Activity Modal” will be displayed.</p> <p>It will look as follows:</p> <p>If the return button is clicked the system will return to the “Add New Task modal.”</p> <p>If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p>

Table 25: Add New Task Modal

11.6 5.6 Delete Task for Activity

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

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

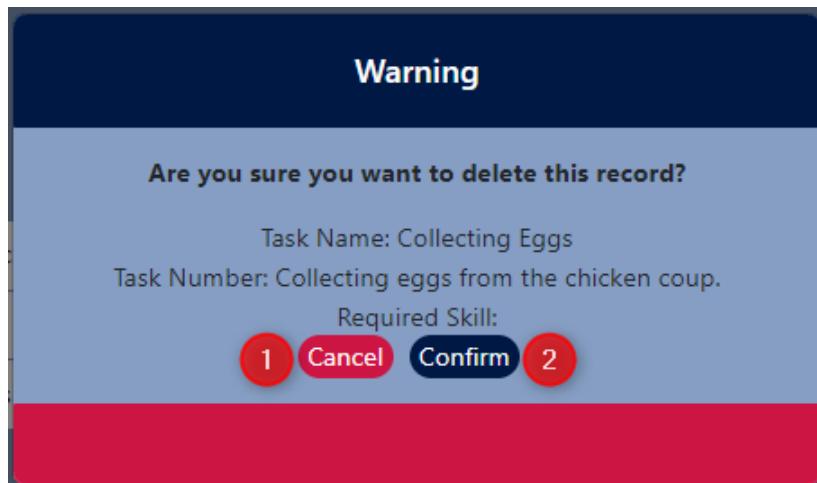


Figure 26: Delete Task Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Activity Tasks” screen.
2	Confirm Button	<p>When clicked the system will attempt to validate the delete of the task. Take note a task cannot be deleted if it is associated with any scheduled activities or employees.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a title "Success" and a message "A task of this activity has been deleted." It features an "OK" button at the bottom.</p>

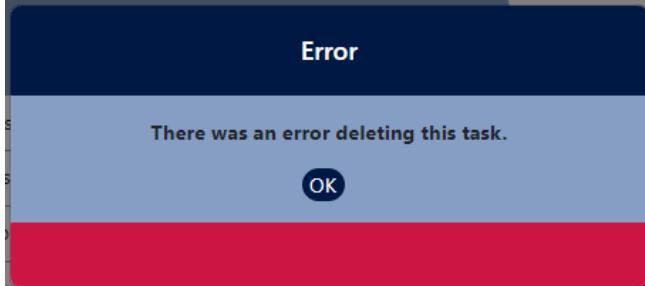
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p> 

Table 26: Delete Task Warning Modal

11.7 5.7 View Task for Activity

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

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

Task Name	Task Description	Required Skill
Plowing Fields	Use the tractor to plow the fields for planting.	Plowing Fields
Sowing Seeds	Plant seeds in the prepared soil.	Plowing Fields
Watering Crops	Ensure the crops receive adequate water.	Plowing Fields
Harvesting Produce	Gather ripe fruits and vegetables from the fields.	Plowing Fields

Figure 27: View Activity Tasks Screen

#	Item Name	Item Description
1	Add Task Button	When clicked the system will display the “Add New Task” modal. See “11.5 5.5 Create Task for Activity” for more information.
2	Search Bar	The admin can enter search criteria which will filter the task results in the table.
3	Edit Task Button	When clicked the system will display the “Update Existing Task” modal. See “11.8 5.8 Update Task for Activity” for more information.

#	Item Name	Item Description
4	Delete Task Button	When clicked the system will display the “Delete Activity Warning” modal. See “11.6 5.6 Delete Task for Activity” for more information.
5	Return Button	When clicked the system will return to the “View Activities” screen.

Table 27: View Activity Tasks Screen

11.8 5.8 Update Task for Activity

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

Navigation: This modal is accessed from the “View Activities” screen where the “View Tasks” button is clicked, and the “View Activity Tasks” modal is displayed. The “Update Task” button is then clicked, and the “Update Existing Task” modal is displayed. The “Update Existing Task” modal looks as follows:

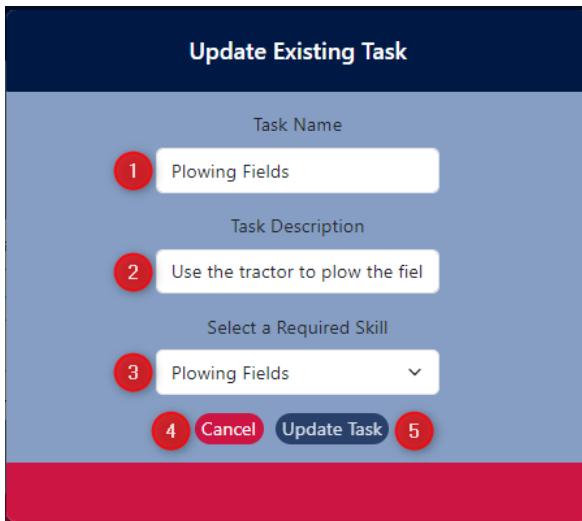


Figure 28: Update Existing Task Modal

#	Item Name	Item Description
1	Task Name Textbox	The admin can edit the task name.
2	Task Description Textbox	The admin can edit the task description.
3	Select a Required Skill Dropdown	The admin can edit the required skill for the task.
4	Cancel Button	When clicked the system will return to the “View Activity Tasks” screen.

#	Item Name	Item Description
5	Update Task Button	<p>When clicked the system will display the “Confirm Update Task” modal which will look as follows:</p> <p>If the Return button is clicked the system will return to the “Update Existing Task” modal.</p> <p>If the Confirm button is clicked the system will update the tasks details and display the following “Success” modal:</p>

Table 28: Update Existing Task Modal

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	<p>The scheduled activity button cannot be clicked until all fields are filled in correctly.</p> <p>When clicked the system will display the following "Success" modal:</p> 

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:

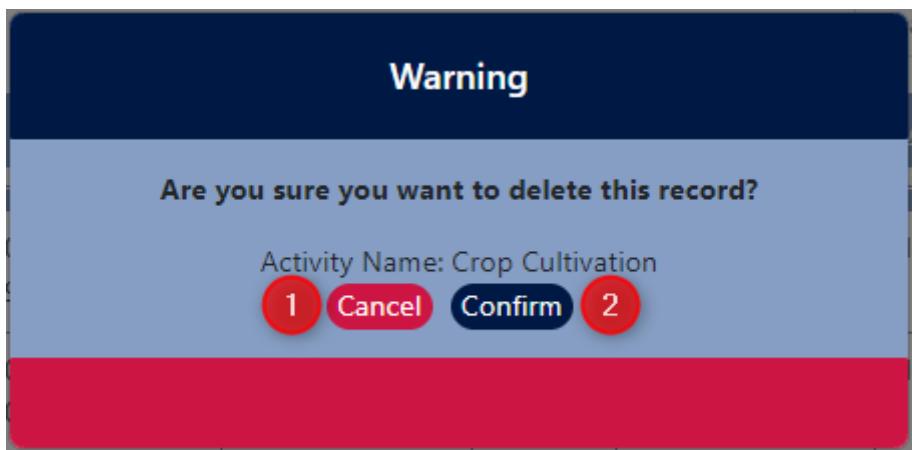


Figure 30: Delete Scheduled Activity Warning Modal

#	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	<p>When clicked the system will attempt to validate the delete of the scheduled activity.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a dark blue header with the word "Success". The main body is light blue with the text "This scheduled activity has been deleted.". At the bottom, there is a blue circular button labeled "OK".</p>

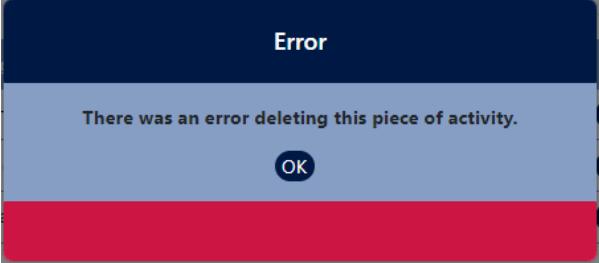
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p> 

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:

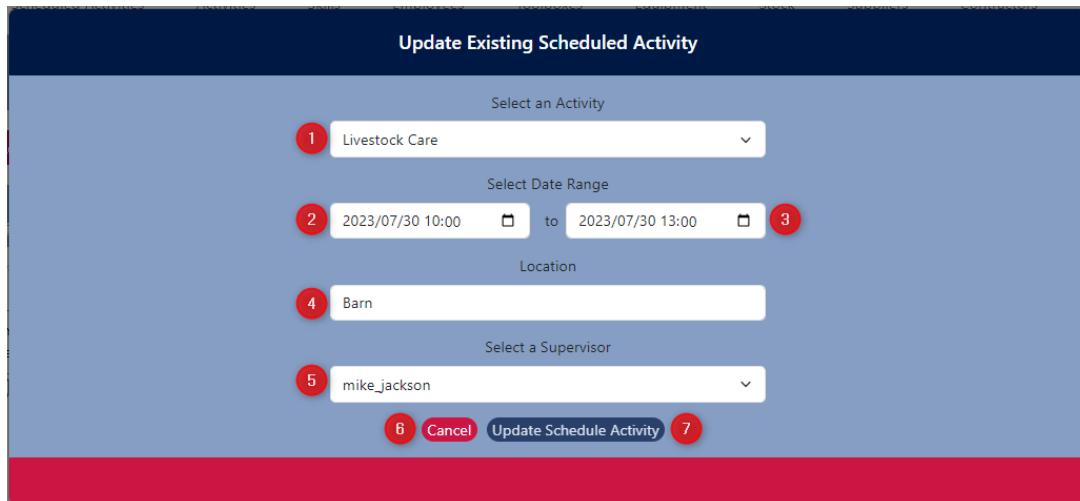


Figure 31: Update Existing Scheduled Activity Modal

#	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.

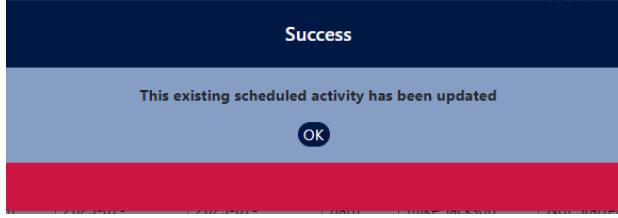
#	Item Name	Item Description
7	Update Schedule Activity Button	<p>The update schedule activity button cannot be clicked until all fields are filled in correctly.</p> <p>When clicked the system will display the following "Success" modal:</p> 

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:

Activity Name	Description	Start Date	Date	Location	Supervisor	Status	4	5	6
Livestock Care	Take care of the farm animals.	2023-07-30T10:00:00	2023-07-30T13:00:00	Barn	jane_williams Williams	Not Started	View Scheduled Tasks		
Farm Infrastructure	Maintain and repair farm structures.	2023-07-31T08:30:00	2023-07-31T11:30:00	Field B	mike_jackson Jackson	Not Started	View Scheduled Tasks		
Livestock Care	Take care of the farm animals.	2023-07-30T10:00:00	2023-07-30T13:00:00	Barn	mike_jackson Jackson	Not Started	View Scheduled Tasks		

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:

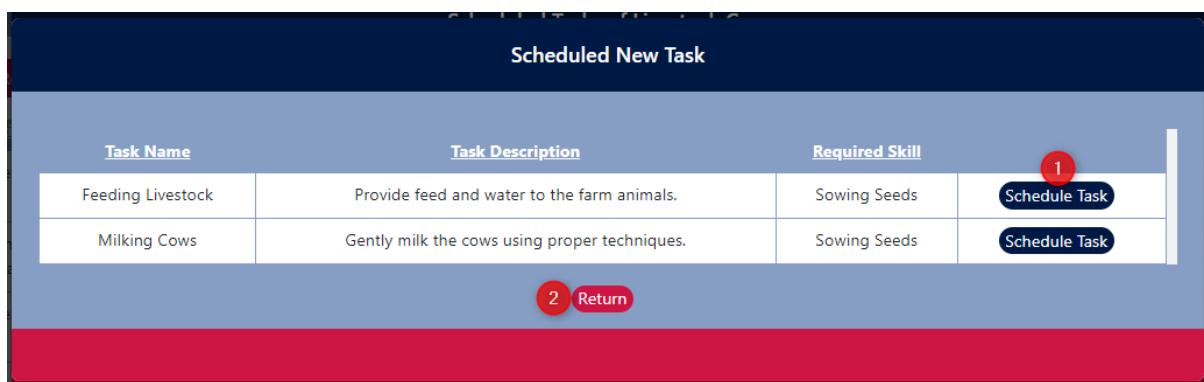


Figure 33: Schedule New Task Modal

#	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:

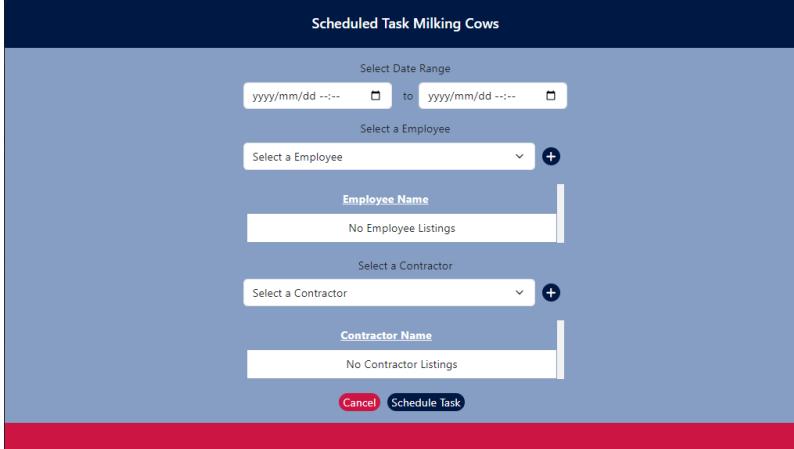
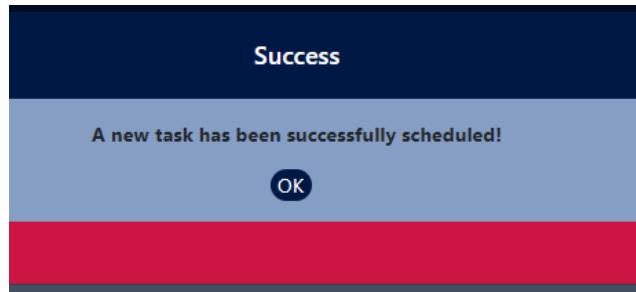
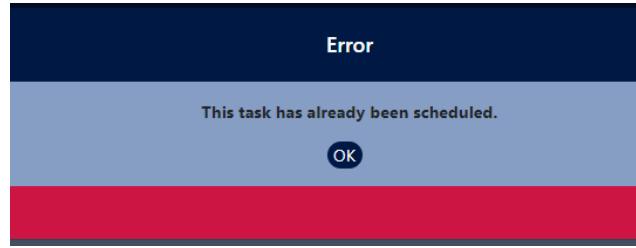
#	Item Name	Item Description
		 <p>The admin will fill in the scheduled task's details and click the Schedule Task button. The system will display the following success modal:</p>  <p>If the task has already been scheduled the following error modal will be displayed:</p> 
2	Task Description Textbox	The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

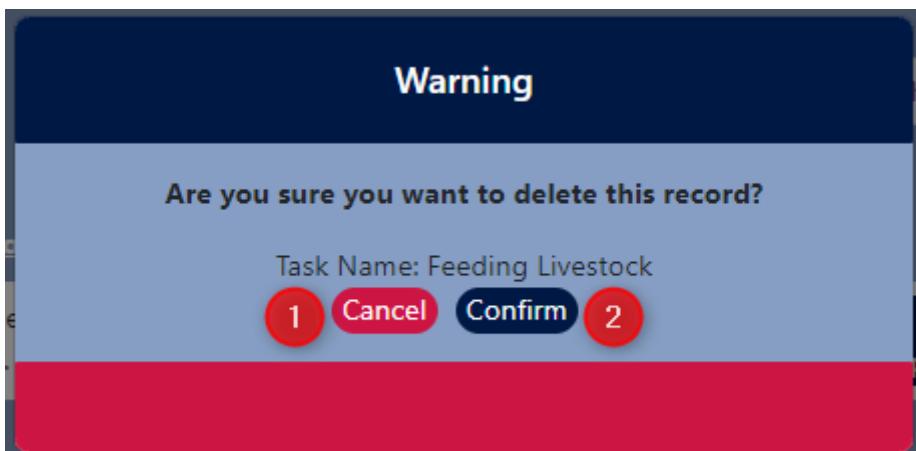
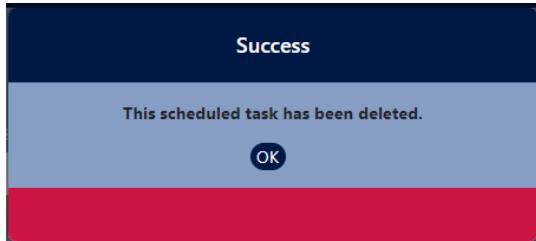


Figure 34: Delete Scheduled Task Warning Modal

#	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: 

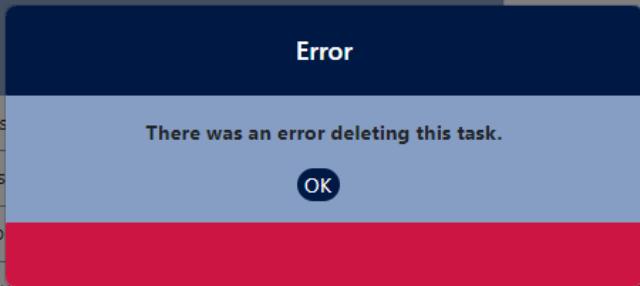
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p> 

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.

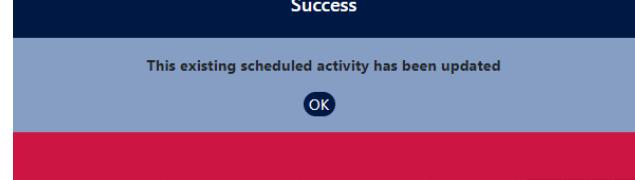
Navigation: This modal is accessed from the “View Scheduled Activities” screen where the “View Scheduled Tasks” button is clicked, and the “Scheduled Tasks” modal is displayed. The “Update Scheduled Task” button is then clicked, and the “Update Existing Scheduled Task” modal is displayed. The “Update 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:

Task Name	Task Description	Start Date	End Date	Status	
Feeding Livestock	Provide feed and water to the farm animals.	2023-07-31T08:30:00	2023-07-31T09:30:00	Not Started	View Employees/Contractors (Edit) Delete

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.

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

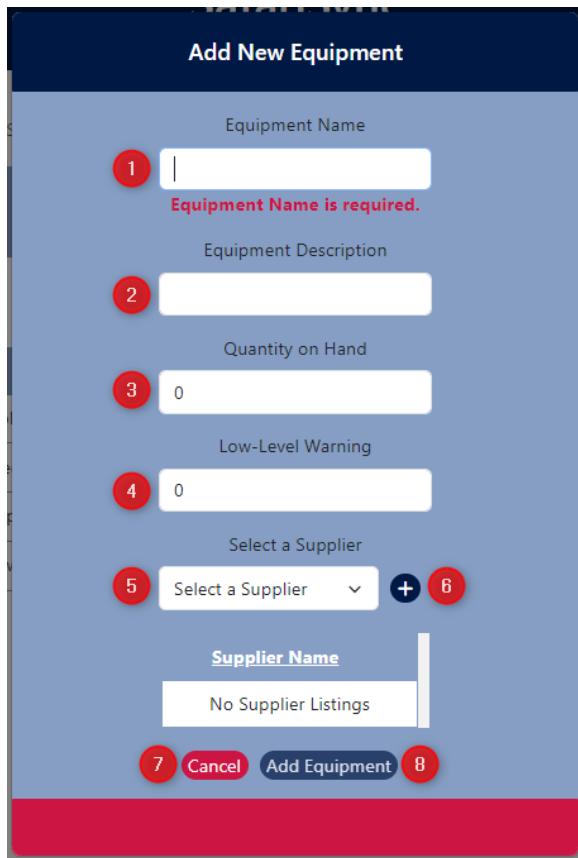


Figure 37: Add New Equipment Modal

#	Item Name	Item Description
1	Equipment Name Textbox	The admin can input the new equipment's name.
2	Equipment Description Textbox	The admin can input the new equipment's description.
3	Quantity on Hand Numeric Up Down	The admin can input the new equipment's quantity on hand.
4	Low-Level Warning Numeric Up Down	The admin can input the new equipment's low-level warning.
5	Select a Supplier Dropdown	The admin can select a supplier that supplies the equipment.

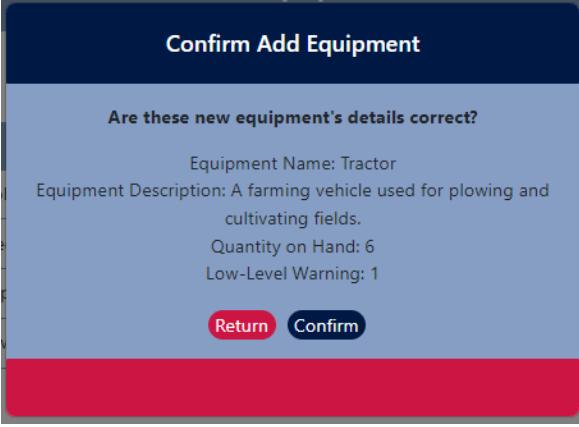
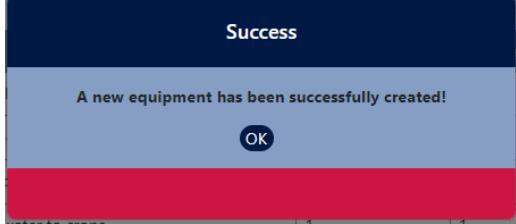
#	Item Name	Item Description
6	Add Supplier Button	When clicked the selected supplier in the “Select a Supplier” dropdown will be added to the Supplier Listings for the equipment.
7	Cancel Button	When clicked the system will close the modal and return to the “View Equipment” screen.
8	Add Equipment Button	<p>The add equipment button cannot be clicked until all the equipment input fields have been completed.</p> <p>When clicked the system will validate the entered details and the “Confirm Add Equipment Modal” will be displayed. It will look as follows:</p>  <p>If the return button is clicked the system will return to the “Add New Equipment” modal.</p> <p>If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p> 

Table 37: Add New Equipment Screen

13.2 7.2 Delete Equipment

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

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

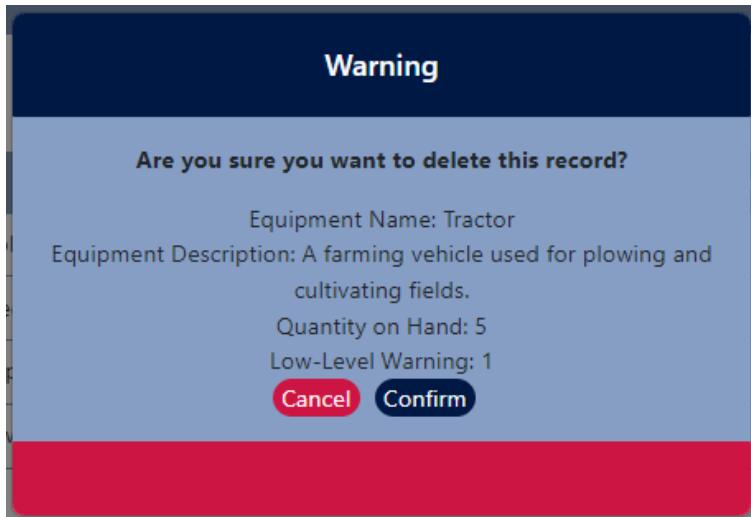


Figure 38: Delete Equipment Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Equipment” screen.
2	Confirm Button	<p>When clicked the system will attempt to validate the delete of the equipment. Take note equipment cannot be deleted if it is associated with any employees or activities.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a dark blue header with the word "Success". The main body is light blue and contains the text "The equipment has been deleted." At the bottom is a blue "OK" button.</p> <p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p>

#	Item Name	Item Description
		<div style="text-align: center;"><p>Error</p><p>This equipment is associated with other records and cannot be deleted.</p><p>OK</p></div>

Table 38: Delete Equipment Warning Modal

13.3 7.3 View Equipment

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

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

Equipment Name	Description	Quantity on Hand	Low-Level Warning	Suppliers
Tractor	A farming vehicle used for plowing and cultivating fields.	5	1	View Suppliers 5
Seeder	A machine used to plant seeds in the prepared soil.	3	1	View Suppliers 6
Harvester	A machine used to gather ripe fruits and vegetables from the fields.	2	1	View Suppliers 5
Irrigation System	Equipment used to provide water to crops.	1	1	View Suppliers 6

Figure 39: View Equipment Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Dashboard” screen.
2	Add Equipment Button	When clicked the system will display the “Add New Equipment” modal. See “13.1 7.1 Add Equipment” for more information.
3	Search Bar	The admin can enter search criteria which will filter the equipment results in the table.

#	Item Name	Item Description
4	View Suppliers Button	<p>When clicked the system will display the specific supplier/suppliers associated with that equipment. The suppliers will be displayed in the following modal:</p> 
5	Edit Equipment Button	<p>When clicked the system will display the “Update Existing Equipment” modal. See “13.4 7.4 Update Equipment” for more information.</p>
6	Delete Equipment Button	<p>When clicked the system will display the “Delete Equipment Warning” modal. See “13.2 7.2 Delete Equipment” for more information.</p>

Table 39: View Equipment Screen

13.4 7.4 Update Equipment

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

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

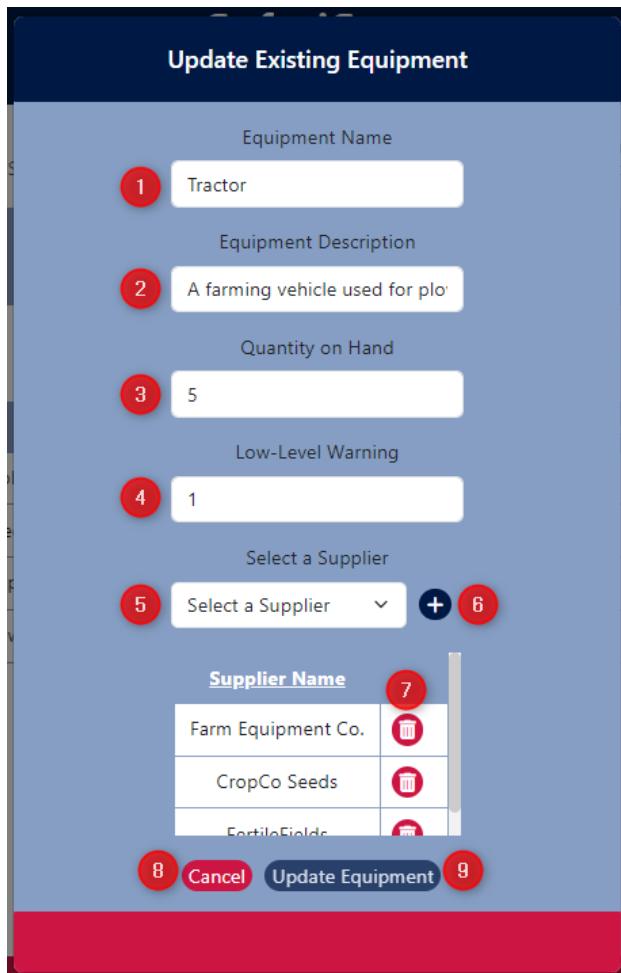


Figure 40: Update Existing Equipment Modal

#	Item Name	Item Description
1	Equipment Name Textbox	The admin can edit the equipment name.
2	Equipment Description Textbox	The admin can edit the equipment description.
3	Quantity on Hand Numeric Up Down	The admin can edit the quantity on hand.

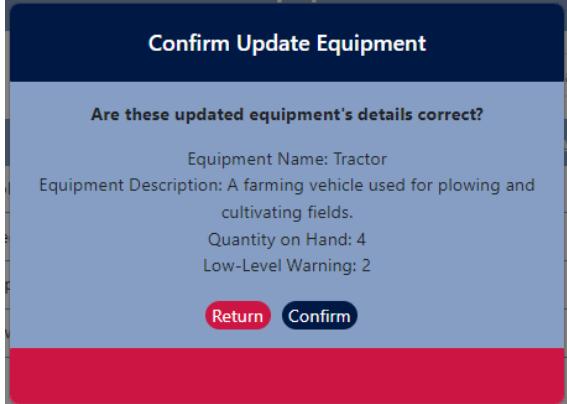
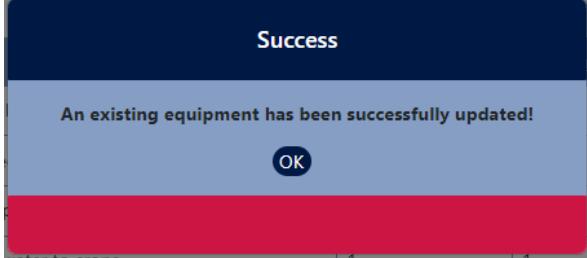
#	Item Name	Item Description
4	Low-Level Warning Numeric Up Down	The admin can edit the low-level warning.
5	Select a Supplier Dropdown	The admin can select a supplier from the pre-populated dropdown.
6	Add Supplier Button	When clicked the supplier selected in the "Select a Supplier" dropdown will be added to the Suppliers table.
7	Delete Supplier Button	When clicked the supplier will be deleted from the table.
8	Cancel Button	When clicked the system will return to the "View Equipment" screen.
9	Update Equipment Button	<p>When clicked the system will display the "Confirm Update Equipment" modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the "Update Existing Equipment" modal.</p> <p>If the Confirm button is clicked the system will update the equipments's details and display the following "Success" modal:</p> 

Table 40: Update Existing Equipment Modal

14 Subsystem 8: Stock Subsystem (Administrator)

14.1 8.1 Add Stock

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

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

The screenshot shows the 'Add New Stock' modal. The form fields are numbered 1 through 8:

- 1 Stock Name: A red circle highlights the error message 'Stock Name is required.'
- 2 Stock Description: A red circle highlights the field.
- 3 Quantity on Hand: A red circle highlights the value '0'.
- 4 Low-Level Warning: A red circle highlights the value '0'.
- 5 Select a Supplier: A red circle highlights the dropdown menu 'Select a Supplier'.
- 6 Supplier Name: A red circle highlights the 'Supplier Name' label and the dropdown menu 'No Supplier Listings'.
- 7 Cancel: A red circle highlights the 'Cancel' button.
- 8 Add Stock: A red circle highlights the 'Add Stock' button.

Figure 41: Add New Stock Modal

#	Item Name	Item Description
1	Stock Name Textbox	The admin can input the new stock's name.
2	Stock Description Textbox	The admin can input the new stock's description.
3	Quantity on Hand Numeric Up Down	The admin can input the new stock's quantity on hand.
4	Low-Level Warning Numeric Up Down	The admin can input the new stock's low-level warning.

#	Item Name	Item Description
5	Select a Supplier Dropdown	The admin can select a supplier that supplies the stock.
6	Add Supplier Button	When clicked the selected supplier in the “Select a Supplier” dropdown will be added to the Supplier Listings for the equipment.
7	Cancel Button	When clicked the system will close the modal and return to the “View Stock” screen.
8	Add Stock Button	<p>The add stock button cannot be clicked until all the stock input fields have been completed.</p> <p>When clicked the system will validate the entered details and the “Confirm Add Stock Modal” will be displayed. It will look as follows:</p> <p>If the return button is clicked the system will return to the “Add New Stock” modal.</p> <p>If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p>

Table 41: Add New Stock Screen

14.2 8.2 Delete Stock

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

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

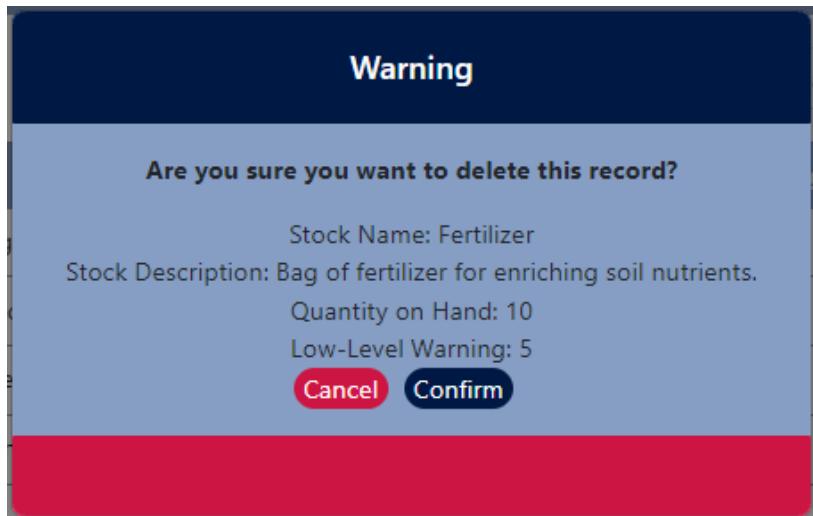


Figure 42: Delete Stock Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Stock” screen.
2	Confirm Button	<p>When clicked the system will attempt to validate the delete of the stock. Take note stock cannot be deleted if it is associated with any employees or activities.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a dark blue header with the word "Success". The main body says "The stock has been deleted." At the bottom is a blue "OK" button.</p>

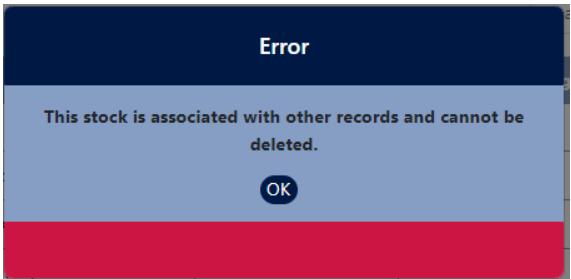
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p> 

Table 42: Delete Stock Warning Modal

14.3 8.3 View Stock

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

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

Stock Name	Description	Quantity on Hand	Low-Level Warning	Suppliers
Fertilizer	Bag of fertilizer for enriching soil nutrients.	10	5	View Suppliers 5
Pesticides	Bottle of pesticides for pest control.	15	8	View Suppliers 6
Livestock Feed	Sack of livestock feed for feeding animals.	20	10	View Suppliers 5
Seeds	Packet of crop seeds for planting.	30	12	View Suppliers 6

Figure 43: View Stock Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Dashboard” screen.
2	Add Stock Button	When clicked the system will display the “Add New Stock” modal. See “14.1 8.1 Add Stock” for more information.
3	Search Bar	The admin can enter search criteria which will filter the stock results in the table.

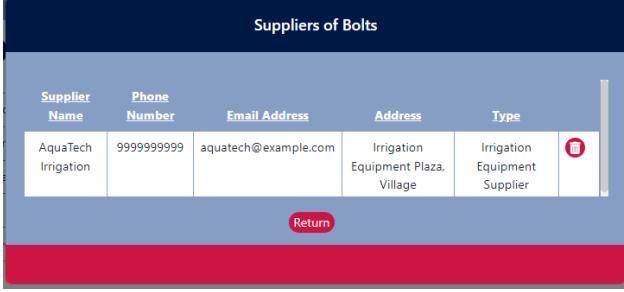
#	Item Name	Item Description
4	View Suppliers Button	<p>When clicked the system will display the specific supplier/suppliers associated with that stock. The suppliers will be displayed in the following modal:</p>  <p>The modal has a header 'Suppliers of Bolts'. It contains a table with columns: Supplier Name, Phone Number, Email Address, Address, and Type. A single row is shown for 'AquaTech Irrigation' with details: Phone Number 9999999999, Email aquatech@example.com, Address Irrigation Equipment Plaza, Village, and Type Irrigation Equipment Supplier. There is a red 'Return' button at the bottom.</p>
5	Edit Stock Button	<p>When clicked the system will display the "Update Existing Stock" modal. See "14.4 8.4 Update Stock" for more information.</p>
6	Delete Stock Button	<p>When clicked the system will display the "Delete Stock Warning" modal. See "14.2 8.2 Delete Stock" for more information.</p>

Table 43: View Stock Screen

14.4 8.4 Update Stock

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

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

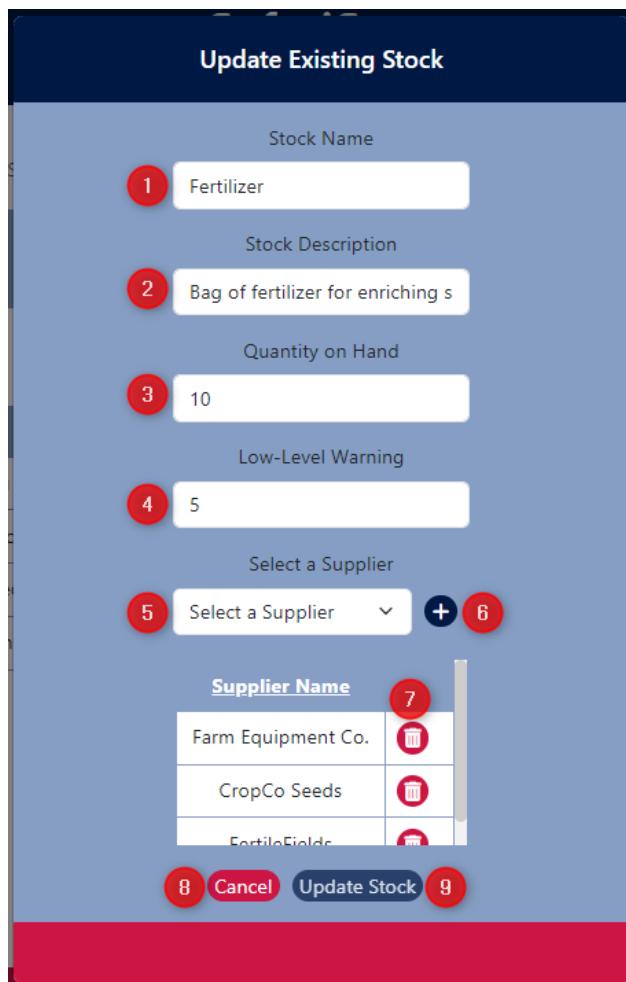


Figure 44: Update Existing Stock Modal

#	Item Name	Item Description
1	Stock Name Textbox	The admin can edit the stock name.
2	Stock Description Textbox	The admin can edit the equipment description.
3	Quantity on Hand Numeric Up Down	The admin can edit the quantity on hand.
4	Low-Level Warning Numeric Up Down	The admin can edit the low-level warning.

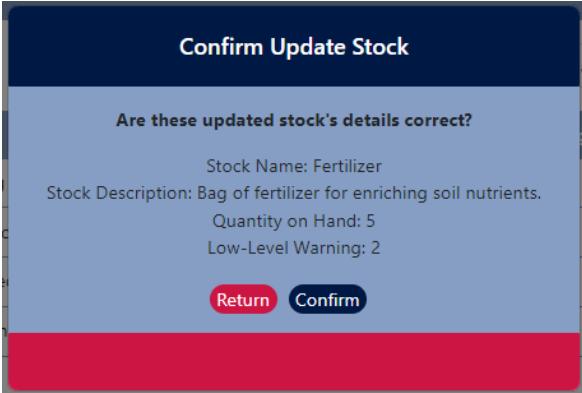
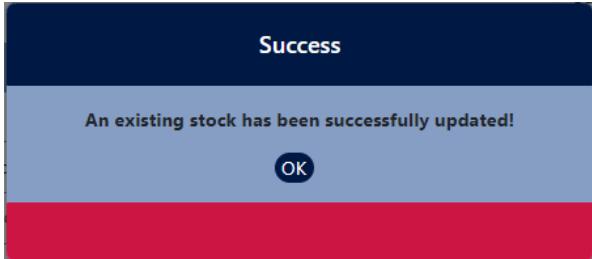
#	Item Name	Item Description
5	Select a Supplier Dropdown	The admin can select a supplier from the pre-populated dropdown.
6	Add Supplier Button	When clicked the supplier selected in the “Select a Supplier” dropdown will be added to the Suppliers table.
7	Delete Supplier Button	When clicked the supplier will be deleted from the table.
8	Cancel Button	When clicked the system will return to the “View Stock” screen.
9	Update Stock Button	<p>When clicked the system will display the “Confirm Update Stock” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Update Existing Stock” modal.</p> <p>If the Confirm button is clicked the system will update the stock’s details and display the following “Success” modal:</p> 

Table 44: Update Existing Stock Modal

15 Subsystem 9: Toolbox Subsystem (Administrator)

15.1 9.1 Create Toolbox

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

Navigation: This modal is accessed from the “View Toolboxes” screen where the “Add Toolbox” button is clicked. The “Add New Toolbox” modal looks as follows:

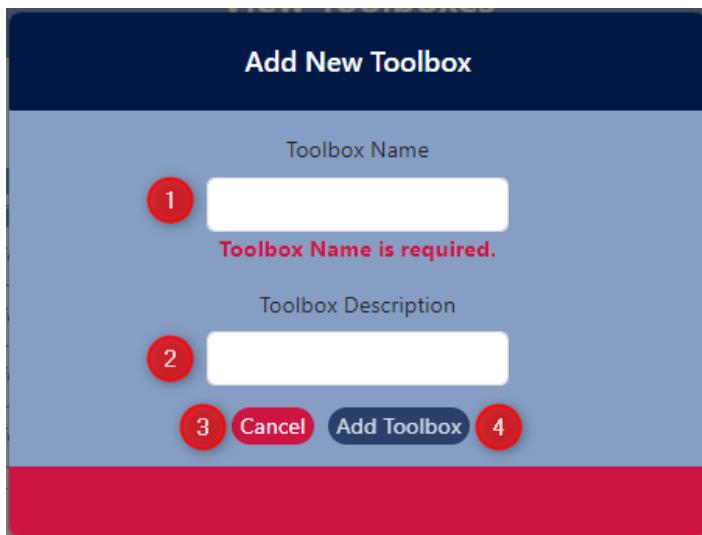


Figure 45: Add New Toolbox Modal

#	Item Name	Item Description
1	Toolbox Name Textbox	The admin can input the new toolbox's name.
2	Toolbox Description Textbox	The admin can input the new toolbox's description.
3	Cancel Button	When clicked the system will close the modal and return to the “View Toolboxes” screen.
4	Add Toolbox Button	The add toolbox button cannot be clicked until the Toolbox Name and Description input fields have been completed. When clicked the system will validate the entered details and the “Confirm Add Toolbox Modal” will be displayed. It will look as follows:

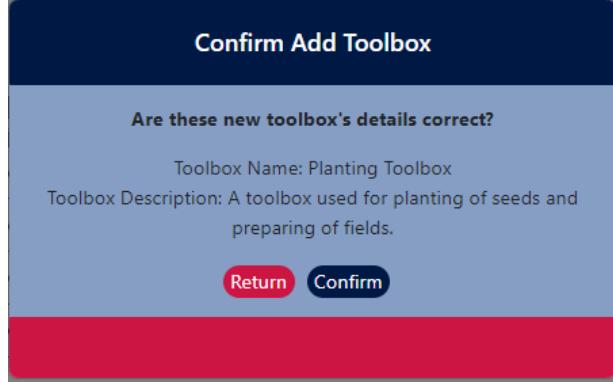
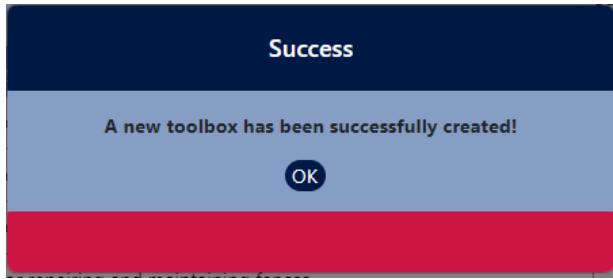
#	Item Name	Item Description
		 <p>If the return button is clicked the system will return to the “Add New Toolbox” modal.</p> <p>If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p> 

Table 45: Add New Toolbox Modal

15.2 9.2 Delete Toolbox

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

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

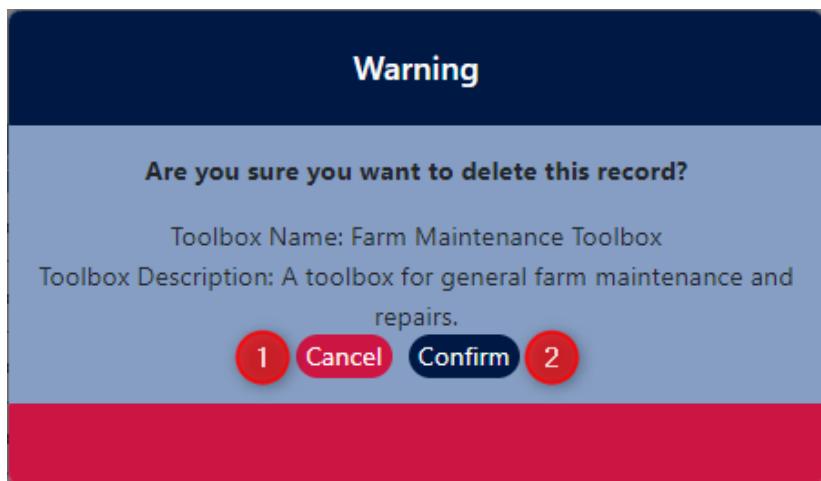


Figure 46: Delete Toolbox Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Toolboxes” screen.
2	Confirm Button	When clicked the system will attempt to validate the delete of the toolbox. Take note a toolbox cannot be deleted if it is associated with any scheduled activities or tasks. If the delete validation is successful, the system will display the following “Success” modal: <p>The success modal has a dark blue header with the word "Success". The main body is light blue and contains the text "The toolbox has been deleted.". At the bottom is a single red circular button labeled "OK".</p>

Table 46: Delete Toolbox Warning Modal

15.3 9.3 View Toolbox

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

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

Toolbox Name	Description	Tasks
Harvesting Toolbox	A toolbox for tasks related to harvesting crops.	View Toolbox Items 5 6
Irrigation Toolbox	A toolbox for maintaining and repairing irrigation systems.	View Toolbox Items 5 6
Land Clearing Toolbox	A toolbox for tasks related to land clearing and preparation.	View Toolbox Items 5 6

Figure 47: View Toolboxes Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Dashboard” screen.
2	Add Toolbox Button	When clicked the system will display the “Add New Activity” modal. See “15.1 9.1 Create Toolbox” for more information.
3	Search Bar	The admin can enter search criteria which will filter the toolbox results in the table.
4	View Toolbox Items Button	When clicked the system will display the “Toolbox Items” modal. See “15.5 9.5 View Toolbox Items” for more information.

#	Item Name	Item Description
5	Edit Toolbox Button	When clicked the system will display the “Update Existing Activity” modal. See “15.4 9.4 Update Toolbox” for more information.
6	Delete Toolbox Button	When clicked the system will display the “Delete Toolbox Warning” modal. See “15.2 9.2 Delete Toolbox” for more information.

Table 47: View Toolboxes Screen

15.4 9.4 Update Toolbox

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

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

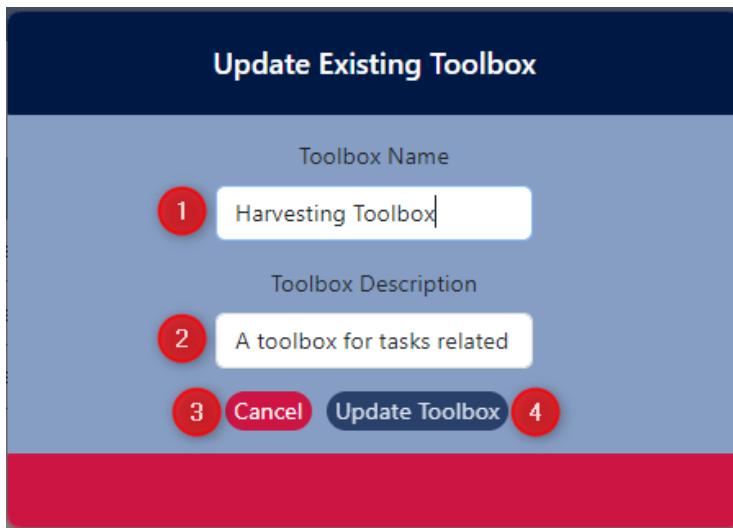


Figure 48: Update Existing Toolbox Modal

#	Item Name	Item Description
1	Toolbox Name Textbox	The admin can edit the toolbox name.
2	Activity Description Textbox	The admin can edit the toolbox description.
3	Cancel Button	When clicked the system will return to the "View Toolboxes" screen.

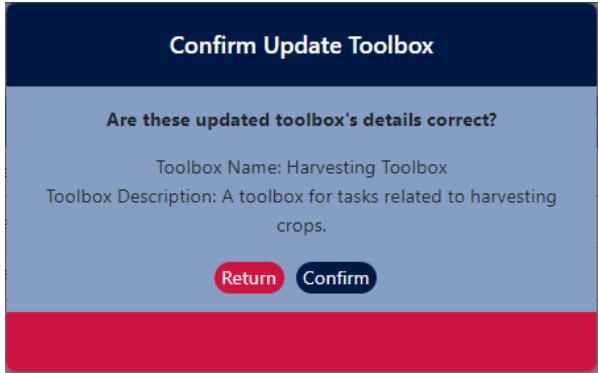
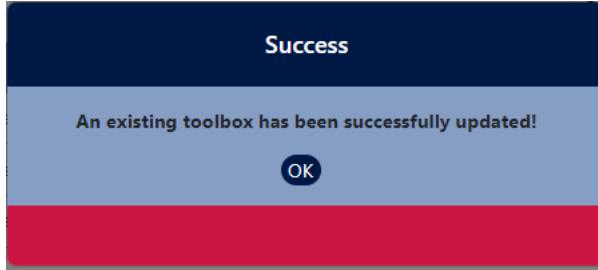
#	Item Name	Item Description
4	Update Toolbox Button	<p>When clicked the system will display the “Confirm Update Toolbox” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Update Existing Toolbox” modal.</p> <p>If the Confirm button is clicked the system will update the toolbox’s details and display the following “Success” modal:</p> 

Table 48: Update Existing Toolbox Modal

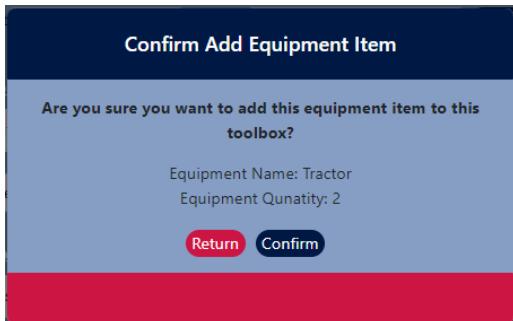
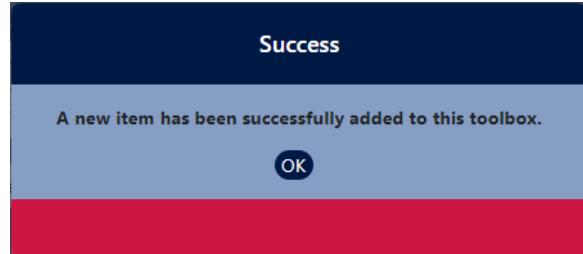
15.5 9.5 View Toolbox Items

Purpose: The purpose of this function is to allow the admin to view all items (stock and equipment) linked to a specific task on the system.

Navigation: This modal is accessed from the “View Toolboxes” screen where the “View Toolbox Items” button is clicked, and the “View Toolbox Items” modal is displayed. The “View Toolbox Items” modal looks as follows:

Figure 49: View Toolbox Items Modal

#	Item Name	Item Description
1	Select Equipment Dropdown	The admin can select equipment that they would like to add to the toolbox.
2	Equipment Quantity Numeric Up Down	The admin can set an equipment quantity.

#	Item Name	Item Description
3	Add Equipment Button	<p>The add equipment button can only be clicked when Equipment has been selected and has a valid quantity. When clicked the system will display the following "Confirm Add Equipment Item" modal:</p>  <p>If confirm is clicked the following success modal will be displayed:</p> 

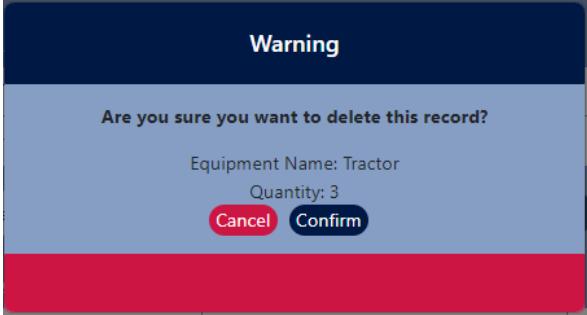
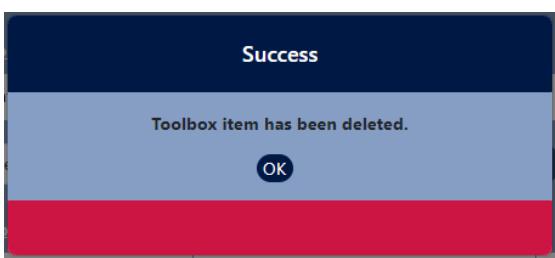
#	Item Name	Item Description
4	Delete Equipment Button	<p>When clicked the system will display the “Warning Delete Equipment” modal which looks as follows:</p>  <p>If Cancel is clicked the system will return back to the “View Toolbox Items” modal.</p> <p>If Confirm is clicked the following success modal will be displayed:</p> 
5	Select Stock Dropdown	The admin can select stock that they would like to add to the toolbox.
6	Stock Quantity Numeric Up Down	The admin can set a stock quantity.
7	Add Stock Button	<p>The add stock button can only be clicked when stock has been selected and has a valid quantity.</p> <p>The adding of stock will follow the same procedure as adding equipment, it will just be specific to stock.</p>
8	Delete Stock Button	When clicked the system will follow the same procedure as with the Delete Toolbox Button above in the table. The procedure will be specific to stock instead of equipment.
9	Return Button	When clicked the system will return to the “View Toolboxes” screen.

Table 49: View Toolbox Items Screen

16 Subsystem 10: Supplier Subsystem (Administrator)

16.1 10.1 Add Supplier

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

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

The screenshot shows the 'Add New Supplier' modal. The title bar is dark blue with the text 'Add New Supplier'. The main area is light blue and contains the following fields:

- Supplier Name: A red circle labeled '1' is next to a text input field with the error message 'Supplier Name is required.'
- Phone Number: A red circle labeled '2' is next to a text input field.
- Email Address: A red circle labeled '3' is next to a text input field.
- Address: A red circle labeled '4' is next to a text input field.
- Select a Supplier Type: A dropdown menu with a red circle labeled '5' next to it.
- Action Buttons: 'Cancel' (red) and 'Add Supplier' (blue) buttons at the bottom, with a red circle labeled '6' next to 'Cancel' and a red circle labeled '7' next to 'Add Supplier'.

Figure 50: Add Supplier Modal

#	Item Name	Item Description
1	Supplier Name Textbox	The admin can input the new Supplier's name.
2	Supplier Description Textbox	The admin can input the new Supplier's description.
3	Quantity on Hand Numeric Up Down	The admin can input the new Supplier's quantity on hand.
4	Low-Level Warning Numeric Up Down	The admin can input the new Supplier's low-level warning.

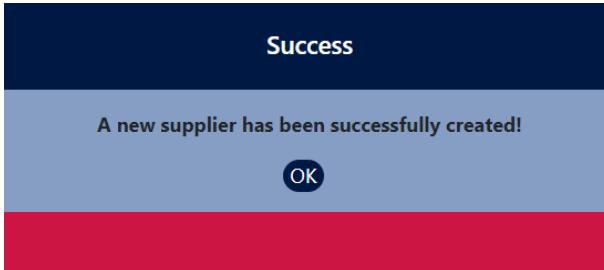
#	Item Name	Item Description
5	Select a Supplier Dropdown	The admin can select a supplier that supplies the Supplier.
6	Cancel Button	When clicked the system will close the modal and return to the “View Supplier” screen.
7	Add Supplier Button	<p>The add Supplier button cannot be clicked until all the Supplier input fields have been completed.</p> <p>When clicked the system will validate the entered details and the “Confirm Add Supplier Modal” will be displayed.</p> <p>It will look as follows:</p>  <p>If the return button is clicked the system will return to the “Add New Supplier” modal.</p> <p>If the confirm button is clicked the system will display the “Success” modal which looks as follows:</p> 

Table 50: Add Supplier Modal

16.2 10.2 Delete Supplier

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

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

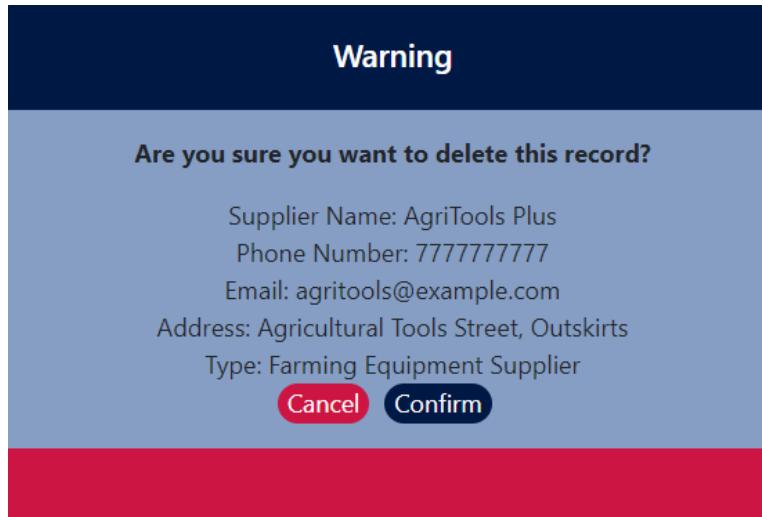


Figure 51: Delete Supplier Warning Modal

#	Item Name	Item Description
1	Cancel Button	When clicked the system will close the modal and return to the “View Supplier” screen.
2	Confirm Button	<p>When clicked the system will attempt to validate the delete of the Supplier. Take note Supplier cannot be deleted if it is associated with any employees or activities.</p> <p>If the delete validation is successful, the system will display the following “Success” modal:</p> <p>The success modal has a dark blue header with the word "Success". The main body contains the message "The supplier has been deleted." and a blue "OK" button at the bottom. The modal has a red footer bar.</p>

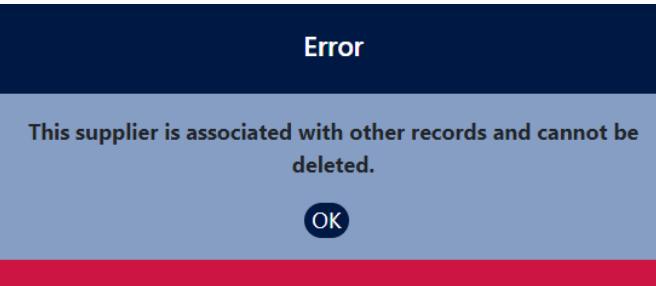
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p>  <p>The modal has a dark blue header bar with the word "Error" in white. The main body is light blue with the text "This supplier is associated with other records and cannot be deleted." in black. A small "OK" button is located at the bottom right of the light blue area.</p>

Table 51: Delete Supplier Warning Modal

16.3 10.3 View Supplier

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

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

Supplier Name	Phone Number	Email Address	Address	Type
AgriTools Plus	0817680712	agritools@example.com	12 Example Street	Crop Seeds Supplier
AquaTech Irrigation	9999999999	aquatech@example.com	Irrigation Equipment Plaza, Village	Irrigation Equipment Supplier
CropCo Seeds	9876543210	cropco@example.com	Crop Seeds Avenue, Town	Crop Seeds Supplier
Farm Equipment Co.	1234567890	farmequipment@example.com	Farm Equipment Street, City	Farming Tools Supplier

Figure 52: View Suppliers Screen

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Dashboard” screen.
2	Add Supplier Button	When clicked the system will display the “Add New Supplier” modal. See “16.1 8.1 Add Supplier” for more information.
3	Search Bar	The admin can enter search criteria which will filter the Supplier results in the table.
4	Edit Supplier Button	When clicked the system will display the “Update Existing Supplier” modal. See “16.4 8.4 Update Supplier” for more information.

#	Item Name	Item Description
5	Delete Supplier Button	When clicked the system will display the “Delete Supplier Warning” modal. See “16.2 8.2 Delete Supplier” for more information.

Table 52: View Suppliers Screen

16.4 10.4 Update Supplier

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

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

Figure 53: Update Existing Supplier Modal

#	Item Name	Item Description
1	Supplier Name Textbox	The admin can edit the Supplier name.
2	Supplier phone number Textbox	The admin can edit the Supplier phone number.
3	Supplier Email address Textbox	The admin can edit the Supplier Email Address

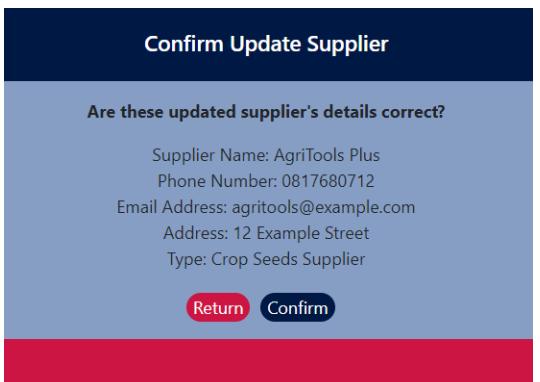
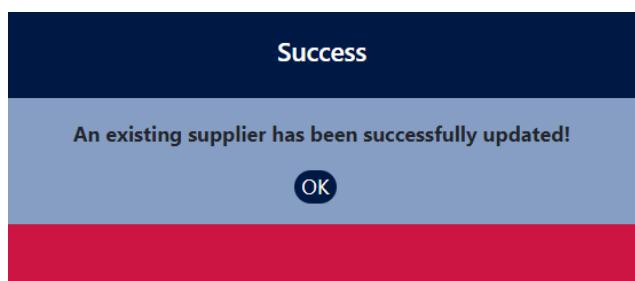
#	Item Name	Item Description
4	Supplier address Textbox	The admin can edit the Supplier Address.
5	Select a Supplier Type Dropdown	The admin can select a supplier type from the pre-populated dropdown.
6	Cancel Button	When clicked the system will close the modal and return to the “View Supplier” screen.
7	Update Supplier Button	<p>When clicked the system will display the “Confirm Update Supplier” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Update Existing Supplier” modal.</p> <p>If the Confirm button is clicked the system will update the Supplier’s details and display the following “Success” modal:</p> 

Table 53: Update Existing Supplier Modal

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:

The screenshot shows the 'Add New Contractor' modal. The form fields are numbered 1 through 7:

- 1 Contractor Name: A text input field with a red circle containing the number 1. An error message 'Contractor Name is required.' is displayed below it.
- 2 Phone Number: A text input field with a red circle containing the number 2.
- 3 Email Address: A text input field with a red circle containing the number 3.
- 4 Address: A text input field with a red circle containing the number 4.
- 5 Select a Contractor Type: A dropdown menu with a red circle containing the number 5.
- 6 Cancel: A button with a red circle containing the number 6.
- 7 Add Contractor: A button with a red circle containing the number 7.

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.

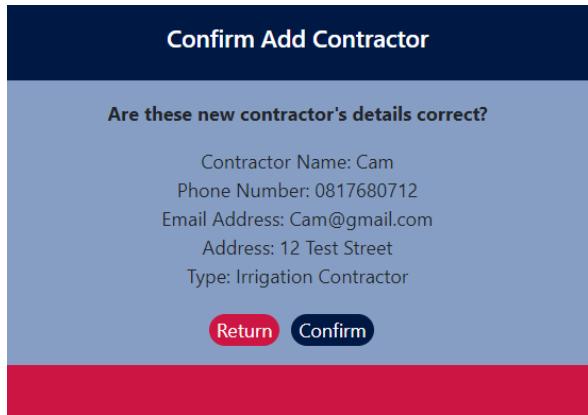
#	Item Name	Item Description
4	Low-Level Warning Numeric Up Down	The admin can input the new Contractor's low-level warning.
5	Select a Contractor Dropdown	The admin can select a Contractor that supplies the Contractor.
6	Cancel Button	When clicked the system will close the modal and return to the "View Contractor" screen.
7	Add Contractor Button	<p>The add Contractor button cannot be clicked until all the Contractor input fields have been completed.</p> <p>When clicked the system will validate the entered details and the "Confirm Add Contractor Modal" will be displayed. It will look as follows:</p>  <p>If the return button is clicked the system will return to the "Add New Contractor" modal.</p> <p>If the confirm button is clicked the system will display the "Success" modal which looks as follows:</p> 

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:

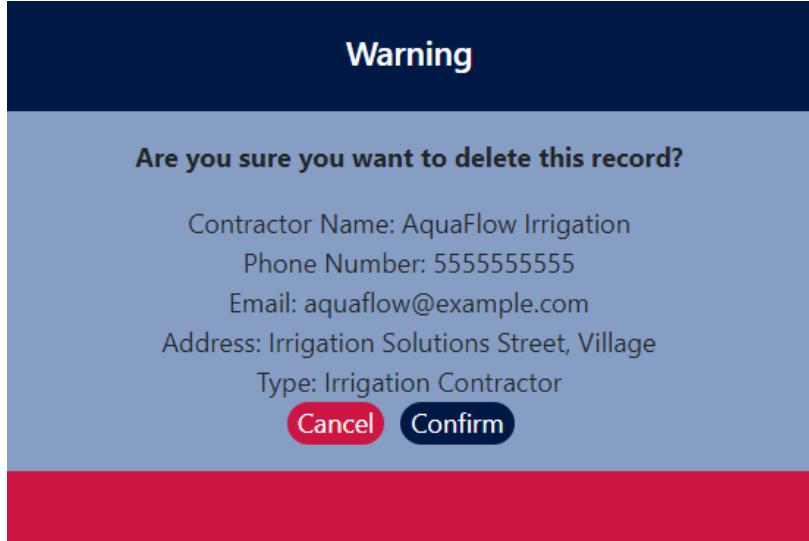
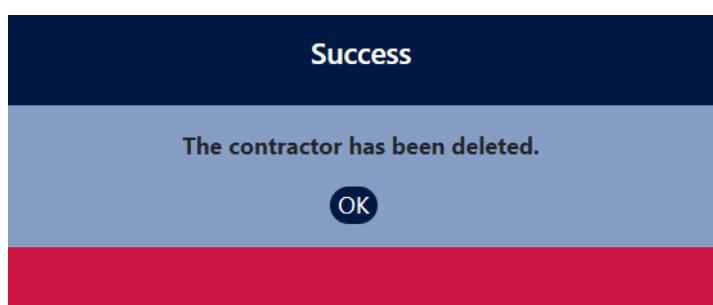


Figure 55: Delete Contractor Warning Modal

#	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:



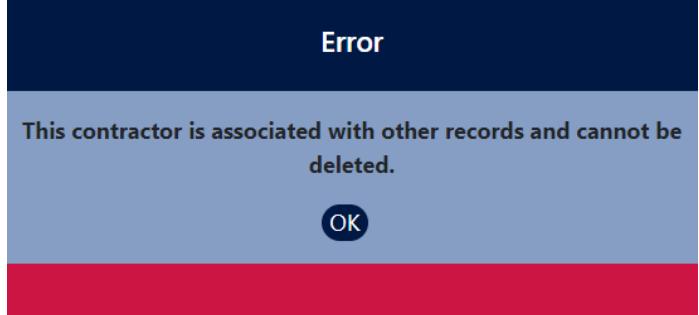
#	Item Name	Item Description
		<p>If the delete validation is unsuccessful, the system will display the following “Error” modal.</p> 

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:

Contractor Name	Phone Number	Email Address	Address	Type
AquaFlow Irrigation	5555555555	aquaflow@example.com	Irrigation Solutions Street, Village	Irrigation Contractor
ClearFields Contractors	9999999999	clearfields@example.com	Land Clearing Plaza, Suburb	Land Clearing Contractor
CropCare Consultants	9876543210	cropcare@example.com	Crop Consulting Avenue, Town	Crop Consulting Contractor

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	<p>When clicked the system will display the “Confirm Update Contractor” modal which will look as follows:</p> <div style="background-color: #2e3436; color: white; padding: 10px; text-align: center;"> <h3>Confirm Update Contractor</h3> <p>Are these updated contractor's details correct?</p> <p>Contractor Name: AquaFlow Irrigation Phone Number: 5555555555 Email Address: aquaflow@example.com Address: Irrigation Solutions Street, Village Type: Irrigation Contractor</p> <p>Return Confirm</p> </div> <p>If the Return button is clicked the system will return to the “Update Existing Contractor” modal.</p> <p>If the Confirm button is clicked the system will update the Contractor’s details and display the following “Success” modal:</p> <div style="background-color: #2e3436; color: white; padding: 10px; text-align: center;"> <h3>Success</h3> <p>An existing contractor has been successfully updated!</p> <p>OK</p> </div>

Table 57: Update Existing Contractor Modal

18 Subsystem 12: Reporting Subsystem (Administrator)

18.1 12.1 Generate Stock Report

Purpose: The purpose of this function is to allow the admin to generate a new stock report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “Stock Report” button is clicked. The “Generate Stock Report” screen looks as follows:

Stock Name	Description	Quantity on Hand	Low-Level Warning	Suppliers
Fertilizer	Bag of fertilizer for enriching soil nutrients.	10	5	View Suppliers
Pesticides	Bottle of pesticides for pest control.	15	8	View Suppliers
Livestock Feed	Sack of livestock feed for feeding animals.	20	10	View Suppliers
Seeds	Packet of crop seeds for planting.	30	12	View Suppliers

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Search bar	The admin can enter search criteria which will filter the Stock results in the table.

#	Item Name	Item Description															
3	View Suppliers Button	<p>When clicked the system will display the “Suppliers of ‘Stock Name’ ” modal which will look as follows:</p> <div style="background-color: #f0f0f0; padding: 10px;"> <p style="text-align: center;">Suppliers of Fertilizer</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Supplier Name</th> <th style="text-align: center;">Phone Number</th> <th style="text-align: center;">Email Address</th> <th style="text-align: center;">Address</th> <th style="text-align: center;">Type</th> </tr> </thead> <tbody> <tr> <td>Farm Equipment Co.</td> <td style="text-align: center;">1234567890</td> <td>farmequipment@example.com</td> <td>Farm Equipment Street, City</td> <td>Farming Tools Supplier</td> </tr> <tr> <td>CropCo Seeds</td> <td style="text-align: center;">0076543210</td> <td>croppco@example.com</td> <td>Crop Seeds</td> <td>Crop Seeds</td> </tr> </tbody> </table> <p style="text-align: center;">Return</p> </div> <p>If the Return button is clicked the system will return to the “Generate Stock Report” page.</p>	Supplier Name	Phone Number	Email Address	Address	Type	Farm Equipment Co.	1234567890	farmequipment@example.com	Farm Equipment Street, City	Farming Tools Supplier	CropCo Seeds	0076543210	croppco@example.com	Crop Seeds	Crop Seeds
Supplier Name	Phone Number	Email Address	Address	Type													
Farm Equipment Co.	1234567890	farmequipment@example.com	Farm Equipment Street, City	Farming Tools Supplier													
CropCo Seeds	0076543210	croppco@example.com	Crop Seeds	Crop Seeds													

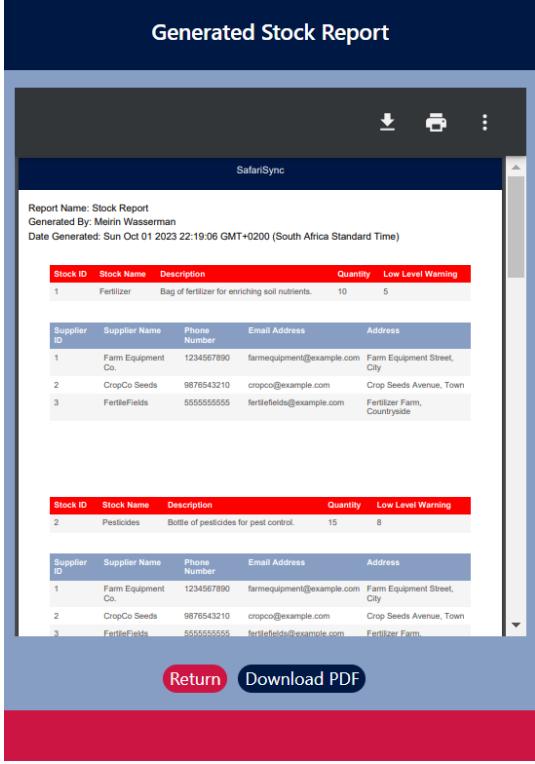
#	Item Name	Item Description
4	Generate PDF Button	<p>When clicked the system will display the “Generated Stock Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Stock Report” page.</p> <p>If the Download PDF Button is clicked, a PDF of the report will be downloaded to your local storage.</p>

Table 58: Generate Stock Report Screen

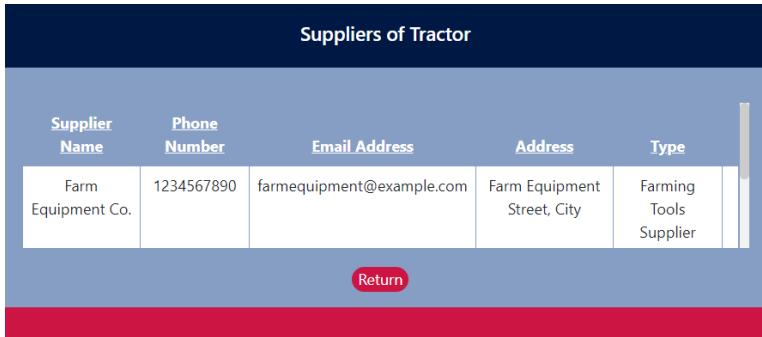
18.2 12.2 Generate Equipment Report

Purpose: The purpose of this function is to allow the admin to generate a new equipment report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “Equipment Report” button is clicked. The “Generate Equipment Report” screen looks as follows:

Equipment Name	Description	Quantity on Hand	Low-Level Warning	Suppliers
Tractor	A farming vehicle used for plowing and cultivating fields.	5	1	View Suppliers
Seeder	A machine used to plant seeds in the prepared soil.	3	1	View Suppliers
Harvester	A machine used to gather ripe fruits and vegetables from the fields.	2	1	View Suppliers
Irrigation System	Equipment used to provide water to crops.	1	1	View Suppliers

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Search bar	The admin can enter search criteria which will filter the Equipment results in the table.

#	Item Name	Item Description
3	View Suppliers Button	<p>When clicked the system will display the “Suppliers of ‘Equipment Name’” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Equipment Report” page.</p>

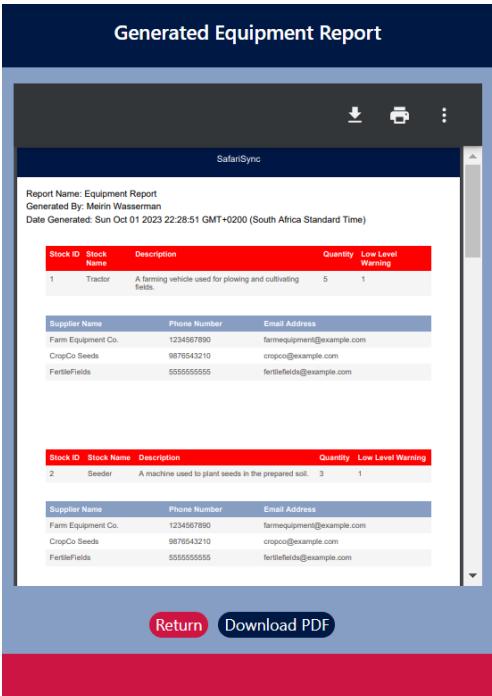
#	Item Name	Item Description
4	Generate PDF Button	<p>When clicked the system will display the “Generated Equipment Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Equipment Report” page.</p> <p>If the Download PDF Button is clicked, a PDF of the report will be downloaded to your local storage.</p>

Table 59: Generate Equipment Report Screen

18.3 12.3 Generate Employee Report

Purpose: The purpose of this function is to allow the admin to generate a new User report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “User Report” button is clicked. The “Generate User Report” screen looks as follows:

SafariSync

The screenshot shows the 'Generate User Report' screen. At the top, there's a navigation bar with various icons and dropdown menus. Below the navigation is a title 'Generate User Report'. To the left of the table is a map of Africa, and to the right is a decorative illustration of an elephant and birds. The table has columns for Username, Surname, Email, ID/Passport Number, Cellphone Number, Role, Rating, and Date Registered. Each row contains three 'View Skills' buttons. A 'Generate PDF' button is located at the bottom of the table area.

Username	Surname	Email	ID/Passport Number	Cellphone Number	Role	Rating	Date Registered	
john_doe	Doe	john.doe@example.com	0106135076081	1234567890	Farm Worker	4.5	2023-08-20T12:00:00	5
sarah_smith	Smith	sarah.smith@example.com	0106135076085	9876543210	Admin	3.8	2023-08-20T12:00:00	5
mike_jackson	Jackson	mike.jackson@example.com	0106135076083	5555555555	Supervisor	5	2023-08-20T12:00:00	5

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Start Date-Time Picker	When clicked, it will allow the admin to choose the start date of the reporting period
3	End Date-Time Picker	When clicked, it will allow the admin to choose the end date of the reporting period
4	Search bar	The admin can enter search criteria which will filter the User results in the table.

#	Item Name	Item Description										
5	View Suppliers Button	<p>When clicked the system will display the “Skills of ‘Employee Name’ ” modal which will look as follows:</p> <div style="background-color: #002060; color: white; padding: 10px; text-align: center;"> <h3>Skills of john_doeDoe</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Skill Name</th> <th style="text-align: left;">Skill Description</th> </tr> </thead> <tbody> <tr> <td>Plowing Fields</td> <td>Using the tractor to plow the fields for planting.</td> </tr> <tr> <td>Sowing Seeds</td> <td>Planting seeds in the prepared soil.</td> </tr> <tr> <td>Watering Crops</td> <td>Ensuring the crops receive adequate water.</td> </tr> <tr> <td>Harvesting Produce</td> <td>Gathering ripe fruits and vegetables from the fields.</td> </tr> </tbody> </table> <p style="text-align: center;">Return</p> </div> <p>If the Return button is clicked the system will return to the “Generate User Report” page.</p>	Skill Name	Skill Description	Plowing Fields	Using the tractor to plow the fields for planting.	Sowing Seeds	Planting seeds in the prepared soil.	Watering Crops	Ensuring the crops receive adequate water.	Harvesting Produce	Gathering ripe fruits and vegetables from the fields.
Skill Name	Skill Description											
Plowing Fields	Using the tractor to plow the fields for planting.											
Sowing Seeds	Planting seeds in the prepared soil.											
Watering Crops	Ensuring the crops receive adequate water.											
Harvesting Produce	Gathering ripe fruits and vegetables from the fields.											

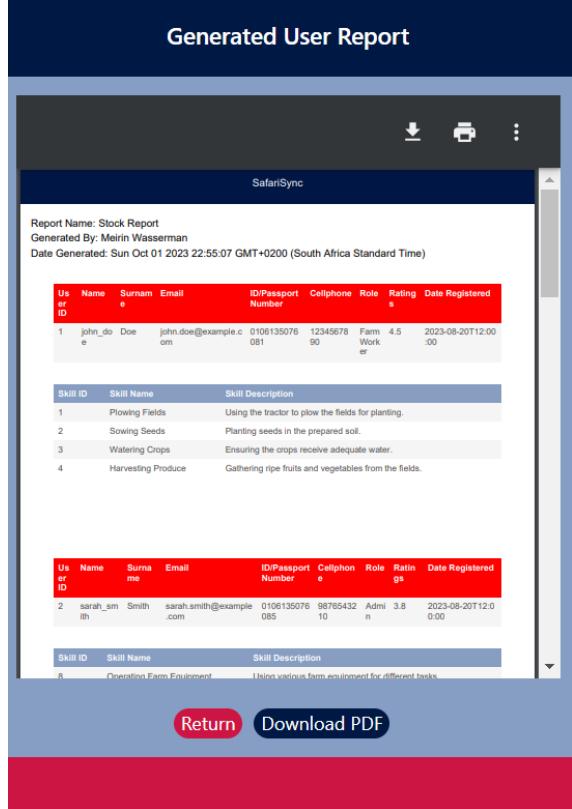
#	Item Name	Item Description
6	Generate PDF Button	<p>When clicked the system will display the “Generated User Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate User Report” page.</p> <p>If the Download PDF Button is clicked, a PDF of the report will be downloaded to your local storage.</p>

Table 60: Generate Equipment Report Screen

18.4 12.4 Generate Inventory Report

Purpose: The purpose of this function is to allow the admin to generate a new equipment report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “Equipment Report” button is clicked. The “Generate Equipment Report” screen looks as follows:

SafariSync

Dashboard My Profile Scheduled Activities Activities Skills Employees Toolboxes Equipment Stock Suppliers Contractors Reports Settings Help

Generate Inventory Quantity Report

Stock Name	Equipment Description	Quantity on Hand
Fertilizer	Bag of fertilizer for enriching soil nutrients.	10
Pesticides	Bottle of pesticides for pest control.	15
Livestock Feed	Sack of livestock feed for feeding animals.	20
Total Quantity:		133

Search Stocks... 1

Equipment Name	Equipment Description	Quantity on Hand
Tractor	A farming vehicle used for plowing and cultivating fields.	5
Seeder	A machine used to plant seeds in the prepared soil.	3
Harvester	A machine used to gather ripe fruits and vegetables from the fields.	2
Total Quantity:		26

Search Equipment... 2

Total Inventory Quantity: 159 3 4 Return Generate PDF

#	Item Name	Item Description
1	Stock Search bar	The admin can enter search criteria which will filter the Stock results in the table.
2	Equipment Search bar	The admin can enter search criteria which will filter the Equipment results in the table.
3	Return Button	When clicked the system will return to the “Generate Report” screen.

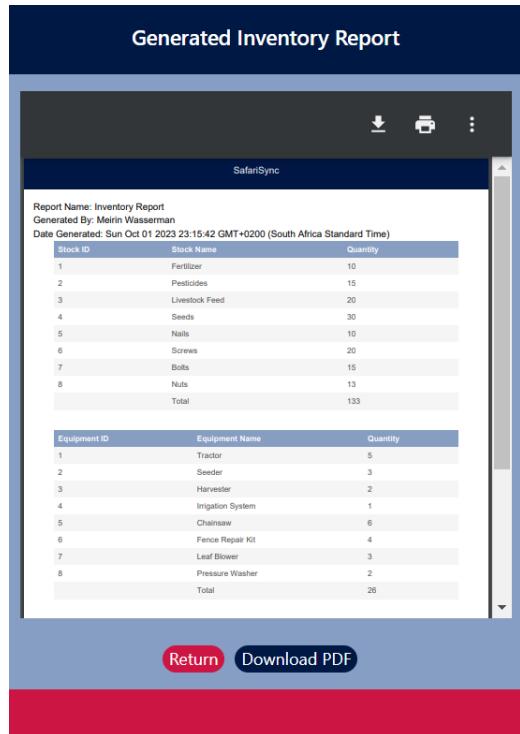
#	Item Name	Item Description																																																												
4	Generate PDF Button	<p>When clicked the system will display the “Generated Equipment Report” modal which will look as follows:</p>  <p>The modal displays the following information:</p> <p>Report Name: Inventory Report Generated By: Meirin Wasserman Data Generated: Sun Oct 01 2023 23:15:42 GMT+0200 (South Africa Standard Time)</p> <table border="1"> <thead> <tr> <th>Stock ID</th> <th>Stock Name</th> <th>Quantity</th> </tr> </thead> <tbody> <tr><td>1</td><td>Fertilizer</td><td>10</td></tr> <tr><td>2</td><td>Pesticides</td><td>15</td></tr> <tr><td>3</td><td>Livestock Feed</td><td>20</td></tr> <tr><td>4</td><td>Seeds</td><td>30</td></tr> <tr><td>5</td><td>Nails</td><td>10</td></tr> <tr><td>6</td><td>Screws</td><td>20</td></tr> <tr><td>7</td><td>Bolts</td><td>15</td></tr> <tr><td>8</td><td>Nuts</td><td>13</td></tr> <tr><td></td><td>Total</td><td>133</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Equipment ID</th> <th>Equipment Name</th> <th>Quantity</th> </tr> </thead> <tbody> <tr><td>1</td><td>Tractor</td><td>5</td></tr> <tr><td>2</td><td>Seeder</td><td>3</td></tr> <tr><td>3</td><td>Harvester</td><td>2</td></tr> <tr><td>4</td><td>Irrigation System</td><td>1</td></tr> <tr><td>5</td><td>Chainsaw</td><td>6</td></tr> <tr><td>6</td><td>Fence Repair Kit</td><td>4</td></tr> <tr><td>7</td><td>Leaf Blower</td><td>3</td></tr> <tr><td>8</td><td>Pressure Washer</td><td>2</td></tr> <tr><td></td><td>Total</td><td>26</td></tr> </tbody> </table> <p>Buttons: Return (red), Download PDF (dark blue)</p>	Stock ID	Stock Name	Quantity	1	Fertilizer	10	2	Pesticides	15	3	Livestock Feed	20	4	Seeds	30	5	Nails	10	6	Screws	20	7	Bolts	15	8	Nuts	13		Total	133	Equipment ID	Equipment Name	Quantity	1	Tractor	5	2	Seeder	3	3	Harvester	2	4	Irrigation System	1	5	Chainsaw	6	6	Fence Repair Kit	4	7	Leaf Blower	3	8	Pressure Washer	2		Total	26
Stock ID	Stock Name	Quantity																																																												
1	Fertilizer	10																																																												
2	Pesticides	15																																																												
3	Livestock Feed	20																																																												
4	Seeds	30																																																												
5	Nails	10																																																												
6	Screws	20																																																												
7	Bolts	15																																																												
8	Nuts	13																																																												
	Total	133																																																												
Equipment ID	Equipment Name	Quantity																																																												
1	Tractor	5																																																												
2	Seeder	3																																																												
3	Harvester	2																																																												
4	Irrigation System	1																																																												
5	Chainsaw	6																																																												
6	Fence Repair Kit	4																																																												
7	Leaf Blower	3																																																												
8	Pressure Washer	2																																																												
	Total	26																																																												

Table 61: Generate Inventory Report Screen

18.5 12.5 Generate Personnel Report

Purpose: The purpose of this function is to allow the admin to generate a new Personnel report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “Personnel Report” button is clicked. The “Generate Personnel Report” screen looks as follows:

SafariSync



Generate Personnel Report

1 Return

2

3

4

5 Generate PDF

Total Internal Personnel: 8

Total External Personnel: 13

Total Personnel: 21

User ID	Username
1	john_doe
2	sarah_smith
3	mike_jackson
Total Users	8

Supplier ID	Supplier Name
8	AgriTools Plus
5	AquaTech Irrigation
2	CropCo Seeds
Total Suppliers	7

Contractor ID	Contractor Name
3	AquaFlow Irrigation
5	ClearFields Contractors
2	CropCare Consultants
Total Contractors	6

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	User Search bar	The admin can enter search criteria which will filter the User results in the table.
3	Supplier Search bar	The admin can enter search criteria which will filter the Supplier results in the table.
4	Contractor Search bar	The admin can enter search criteria which will filter the Contractor results in the table.

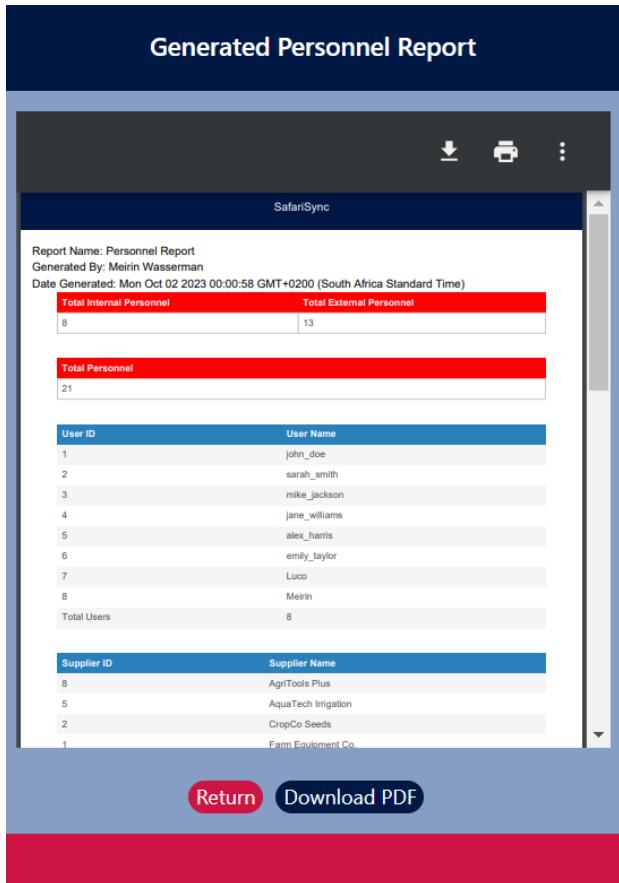
#	Item Name	Item Description
5	Generate PDF Button	<p>When clicked the system will display the “Generated Personnel Report” modal which will look as follows:</p>  <p>The modal displays the following information:</p> <ul style="list-style-type: none"> Report Name: Personnel Report Generated By: Meirin Wasserman Date Generated: Mon Oct 02 2023 00:00:58 GMT+0200 (South Africa Standard Time) Total Internal Personnel: 8 Total External Personnel: 13 Total Personnel: 21 User ID and User Name list: <ul style="list-style-type: none"> 1 john_doe 2 sarah_smith 3 mike_jackson 4 jane_williams 5 alex_harris 6 emily_taylor 7 Luco 8 Meirin Total Users: 8 Supplier ID and Supplier Name list: <ul style="list-style-type: none"> 8 AgriTools Plus 5 AquaTech Irrigation 2 CropCo Seeds 1 Farm Equipment Co. <p>At the bottom are two buttons: Return (red) and Download PDF (blue).</p> <p>If the Return button is clicked, the system will return to the “Generate Personnel Report” page.</p> <p>If the Download PDF button is clicked, a PDF of the report will be downloaded to your local storage.</p>

Table 62: Generate Personnel Report Screen

18.6 12.6 Generate Dynamic Report

Purpose: The purpose of this function is to allow the admin to generate a new Personnel report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “Personnel Report” button is clicked. The “Generate Personnel Report” screen looks as follows:

SafariSync

Generate Supplier Report

Stock Name	Description	Quantity on Hand	Low-Level Warning
Fertilizer	Bag of fertilizer for enriching soil nutrients.	10	5
Pesticides	Bottle of pesticides for pest control.	15	8
Livestock Feed	Sack of livestock feed for feeding animals.	20	10
Seeds	Packet of crop seeds for planting.	30	12
Nails	Box of nails for various uses.	10	5

1 Return 2 Select a Supplier 3 Generate PDF

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Supplier Search bar	The admin can enter search criteria which will filter the Supplier results in the table.

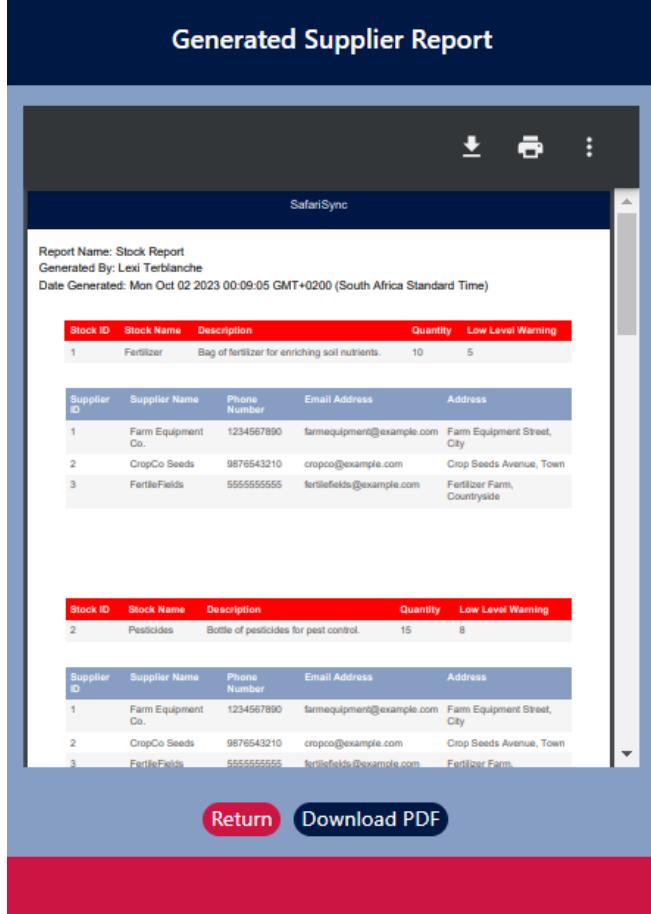
#	Item Name	Item Description
3	Generate PDF Button	<p>When clicked the system will display the “Generated Supplier Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Supplier Report” page.</p> <p>If the Download PDF Button is clicked, a PDF of the report will be downloaded to your local storage.</p>

Table 63: Generate Supplier Report Screen

18.7 12.7 Generate Employee Performance Report

Purpose: The purpose of this function is to allow the admin to generate a new User report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “User Report” button is clicked. The “Generate User Report” screen looks as follows:

SafariSync

Generate User Performance Report

Username	Surname	Role	Rating	Number of Skills	
john_doe	Doe	Farm Worker	4.5	4	View Skills
sarah_smith	Smith	Admin	3.8	1	View Skills
mike_jackson	Jackson	Supervisor	5	1	View Skills
jane_williams	Williams	Supervisor	4.2	1	View Skills

Generate Performance Report

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Start Date-Time Picker	When clicked, it will allow the admin to choose the start date of the reporting period
3	End Date-Time Picker	When clicked, it will allow the admin to choose the end date of the reporting period

#	Item Name	Item Description										
4	Search bar	<p>The admin can enter search criteria which will filter the User results in the table.</p>										
5	View Skills Button	<p>When clicked the system will display the “Skills of ‘Employee Name’ ” modal which will look as follows:</p> <div style="background-color: #f0f0f0; padding: 10px; border-radius: 5px;"> <p style="text-align: center;">Skills of john_doeDoe</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Skill Name</th> <th style="text-align: left;">Skill Description</th> </tr> </thead> <tbody> <tr> <td>Plowing Fields</td> <td>Using the tractor to plow the fields for planting.</td> </tr> <tr> <td>Sowing Seeds</td> <td>Planting seeds in the prepared soil.</td> </tr> <tr> <td>Watering Crops</td> <td>Ensuring the crops receive adequate water.</td> </tr> <tr> <td>Harvesting Produce</td> <td>Gathering ripe fruits and vegetables from the fields.</td> </tr> </tbody> </table> <p style="text-align: center;">Return</p> <p>If the Return button is clicked the system will return to the “Generate User Performance Report” page.</p> </div>	Skill Name	Skill Description	Plowing Fields	Using the tractor to plow the fields for planting.	Sowing Seeds	Planting seeds in the prepared soil.	Watering Crops	Ensuring the crops receive adequate water.	Harvesting Produce	Gathering ripe fruits and vegetables from the fields.
Skill Name	Skill Description											
Plowing Fields	Using the tractor to plow the fields for planting.											
Sowing Seeds	Planting seeds in the prepared soil.											
Watering Crops	Ensuring the crops receive adequate water.											
Harvesting Produce	Gathering ripe fruits and vegetables from the fields.											

#	Item Name	Item Description																											
6	Generate PDF Button	<p>When clicked the system will display the “Generated User Performance Report” modal which will look as follows:</p>  <p>The modal displays the following data:</p> <table border="1"> <thead> <tr> <th>Username</th> <th>Rating</th> <th># of Skills</th> </tr> </thead> <tbody> <tr> <td>john_doe</td> <td>4.5</td> <td>4</td> </tr> <tr> <td>sarah_smith</td> <td>3.8</td> <td>1</td> </tr> <tr> <td>mike_jackson</td> <td>5</td> <td>1</td> </tr> <tr> <td>jane_williams</td> <td>4.2</td> <td>1</td> </tr> <tr> <td>alex_harris</td> <td>2.5</td> <td>1</td> </tr> <tr> <td>emily_taylor</td> <td>2</td> <td>2</td> </tr> <tr> <td>Luco</td> <td>3</td> <td>1</td> </tr> <tr> <td>Melrin</td> <td>3</td> <td>1</td> </tr> </tbody> </table> <p>If the Return button is clicked the system will return to the “Generate User Performance Report” page.</p> <p>If the Download PDF Button is clicked, a PDF of the report will be downloaded to your local storage.</p>	Username	Rating	# of Skills	john_doe	4.5	4	sarah_smith	3.8	1	mike_jackson	5	1	jane_williams	4.2	1	alex_harris	2.5	1	emily_taylor	2	2	Luco	3	1	Melrin	3	1
Username	Rating	# of Skills																											
john_doe	4.5	4																											
sarah_smith	3.8	1																											
mike_jackson	5	1																											
jane_williams	4.2	1																											
alex_harris	2.5	1																											
emily_taylor	2	2																											
Luco	3	1																											
Melrin	3	1																											

Table 64: Generate User Performance Report Screen

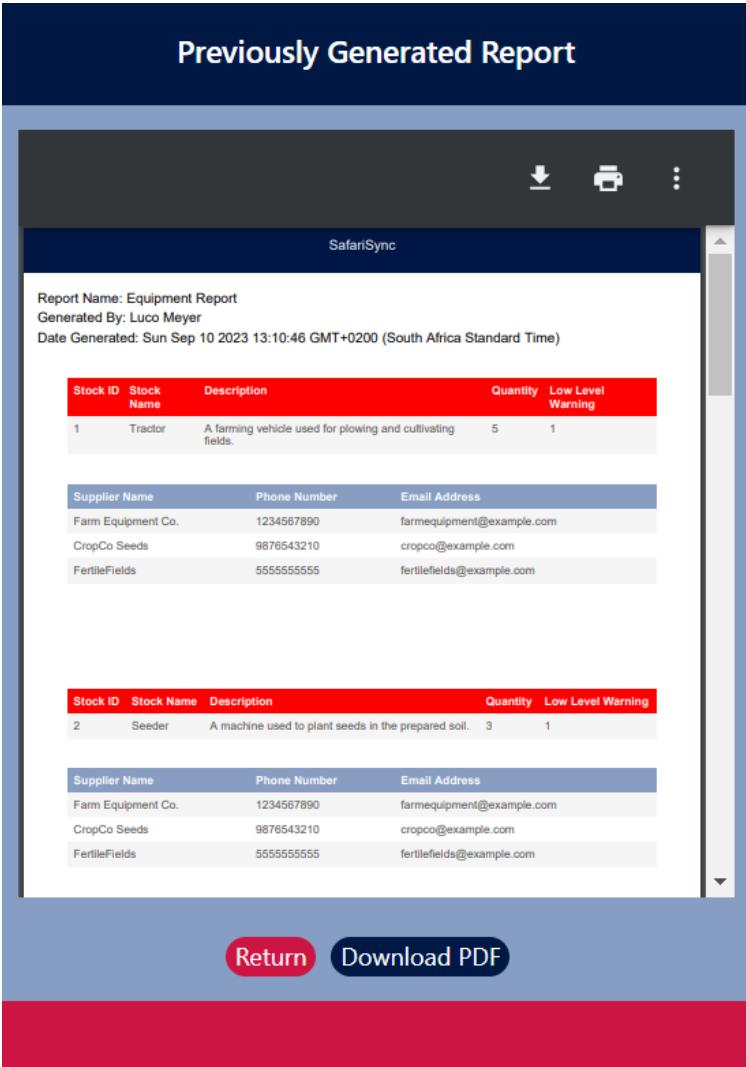
18.8 12.8 View Previous Reports

Purpose: The purpose of this function is to allow the admin to view a previously generated report, in the system.

Navigation: This modal is accessed from the “Reports” nav-bar drop-down where the “View Previous Reports” button is clicked. The “View Previous Report” screen looks as follows:

Report Title	Generated By	Date Generated	
Report 1	sarah_smith Smith	2023-08-01T00:00:00	5 View Report
Report 2	sarah_smith Smith	2023-08-05T00:00:00	View Report
Report 3	sarah_smith Smith	2023-08-10T00:00:00	View Report
Employee Report	Luco Meyer	2023-09-07T08:02:16.1	View Report

#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Start Date-Time Picker	When clicked, it will allow the admin to choose the start date of the reporting period

#	Item Name	Item Description
3	End Date-Time Picker	When clicked, it will allow the admin to choose the end date of the reporting period
4	Search bar	The admin can enter search criteria which will filter the User results in the table.
5	View Skills Button	<p>When clicked the system will display the “Previously generated Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “View Previous Reports” page.</p> <p>If the Download PDF Button is clicked, a PDF of the report will be downloaded to your local storage.</p>

18.9 12.9 Generate Report

Purpose: The purpose of this function is to allow the admin to generate a new User report, to be added to the system.

Navigation: This modal is accessed from the “Generate Report” screen where the “User Report” button is clicked. The “Generate User Report” screen looks as follows:

The screenshot shows the 'Generate Report' screen of the SafariSync application. At the top, there is a dark blue header bar with the 'SafariSync' logo. Below the header is a light blue navigation bar containing various icons and labels: Dashboard, My Profile, Scheduled Activities, Activities, Skills, Employees, Toolboxes, Equipment, Stock, Suppliers, Contractors, Reports, Settings, and Help. The main content area has a light blue background with a decorative map of Africa on the left and a stylized elephant illustration on the right. Eight dark blue rectangular buttons are arranged in two rows of four. Each button contains a white icon and text, with a red circular number indicating its position:

- Row 1: 1 User Report, 2 Stock Report, 3 Equipment Report, 4 Inventory Control Break Report.
- Row 2: 5 Employee Performance Report, 6 Personnel Report, 7 Dynamic Stock Report.

At the bottom center of the screen is a red rounded rectangle button labeled '← Return' with a white arrow pointing left. A small red circular number '8' is located at the bottom center of the screen.

#	Item Name	Item Description
1	User Report Button	When clicked the system will go to the “User Report” screen.
2	Stock Report Button	When clicked the system will go to the “Stock Report” screen.
3	Equipment Report Button	When clicked the system will go to the “Equipment Report” screen.
4	Inventory Control Break Report Button	When clicked the system will go to the “Inventory Control Break Report” screen.

#	Item Name	Item Description
5	Employee Performance Report Button	When clicked the system will go to the “Employee Performance Report” screen.
6	Personnel Report Button	When clicked the system will go to the “Personnel Report” screen.
	Dynamic Stock Report Button	When clicked the system will go to the “Dynamic Stock Report” screen.
	Return Button	When clicked the system will return to the “Dashboard” screen.

Table 65: Generate Report Screen



19 Subsystem 13: Settings Subsystem (Administrator)

19.1 13.1 Set Rating Settings

Purpose: The purpose of this screen is to allow the admin to set a standard upper rating goal and lower rating limit for the employee's ratings. This can be used to determine promotions or disciplinary action.

Navigation: The user can access this screen by clicking on the “Settings” dropdown on the navigation bar and then clicking the “Rating Settings” option in the dropdown. The system will display the “Update Rating Limits” screen which will look as follows:

Figure 58: Update Rating Limits Screen

#	Item Name	Item Description
1	Upper Rating Numeric Up Down	The admin can enter an upper rating threshold.
2	Lower Rating Limit Numeric Up Down	The admin can enter a lower rating limit.
3	Update Rating Limit Button	When clicked the system will validate the entered amounts and display the following notification upon successful validation:

#	Item Name	Item Description
		
4	Return Button	When clicked the system will return to the dashboard screen.

Table 66: Update Rating Limits Screen

19.2 View Audit Trail

The screenshot shows the 'Audit Action Records' section of the SafariSync application. At the top, there's a navigation bar with various icons and links: Dashboard, My Profile, Scheduled Activities, Activities, Skills, Employees, Toolboxes, Equipment, Stock, Suppliers, Contractors, Reports, Settings, and Help. Below the navigation is a search bar with a magnifying glass icon. The main content area has a title 'Audit Action Records' and includes a 'Return' button. A table with three columns—Date, Message, and Audit Action—is displayed. The background features a decorative map of Africa on the left and a large, ornate illustration of an elephant on the right.

19.3 Set Timeout Settings

SafariSync

Dashboard My Profile Scheduled Activities Activities Skills Employees Toolboxes Equipment Stock Suppliers Contractors Reports Settings Help

Update Timeout Time

Timeout (in seconds):

30

[Update Timeout Settings](#)

[Return](#)



EPI-USE

20 Glossary

Term	Explanation	Page No
Activity Stream	Real-time updates of scheduled activities and accept/decline requests.	41

Term	Explanation	Page No
Control Break Report	A report that contains a main total and sub-total amounts within one table, using multiple tables.	139
Dashboard	An overview of the system with informative graphs and statistics.	41
Date Picker	Uses a calendar to allow you to select a specific date.	137
Dropdown	Allows you to select one option from a list of items.	112
Dynamic Report	Allows you to select specific criteria and generate a report filtering by those specific criteria.	143
Modal	A popup window that appears on top of the main screen. It's a way to show additional information or options without leaving the current page.	143
Numeric Up Down	Allows you to change the number value for an item. You click the up arrow to make the number go higher and the down arrow to make it go lower.	154
Rating	Employees are given a base rating of 3.0 to start with. This is your average rating of all ratings that will be received.	154
Toolbox	Refers to a combination of equipment and stock that can be used for a specific activity/task.	105
Validate	The process of verifying that data or information follows the expected rules or standards.	115

Table 67: Glossary

21 Document Conclusion

This concludes our user manual which has provided detailed information and instructions on how to use the system for all users as well as all of the system's functionality and validation. This document can be used to advise a user on certain aspects of the system including the implementation process and help processes.