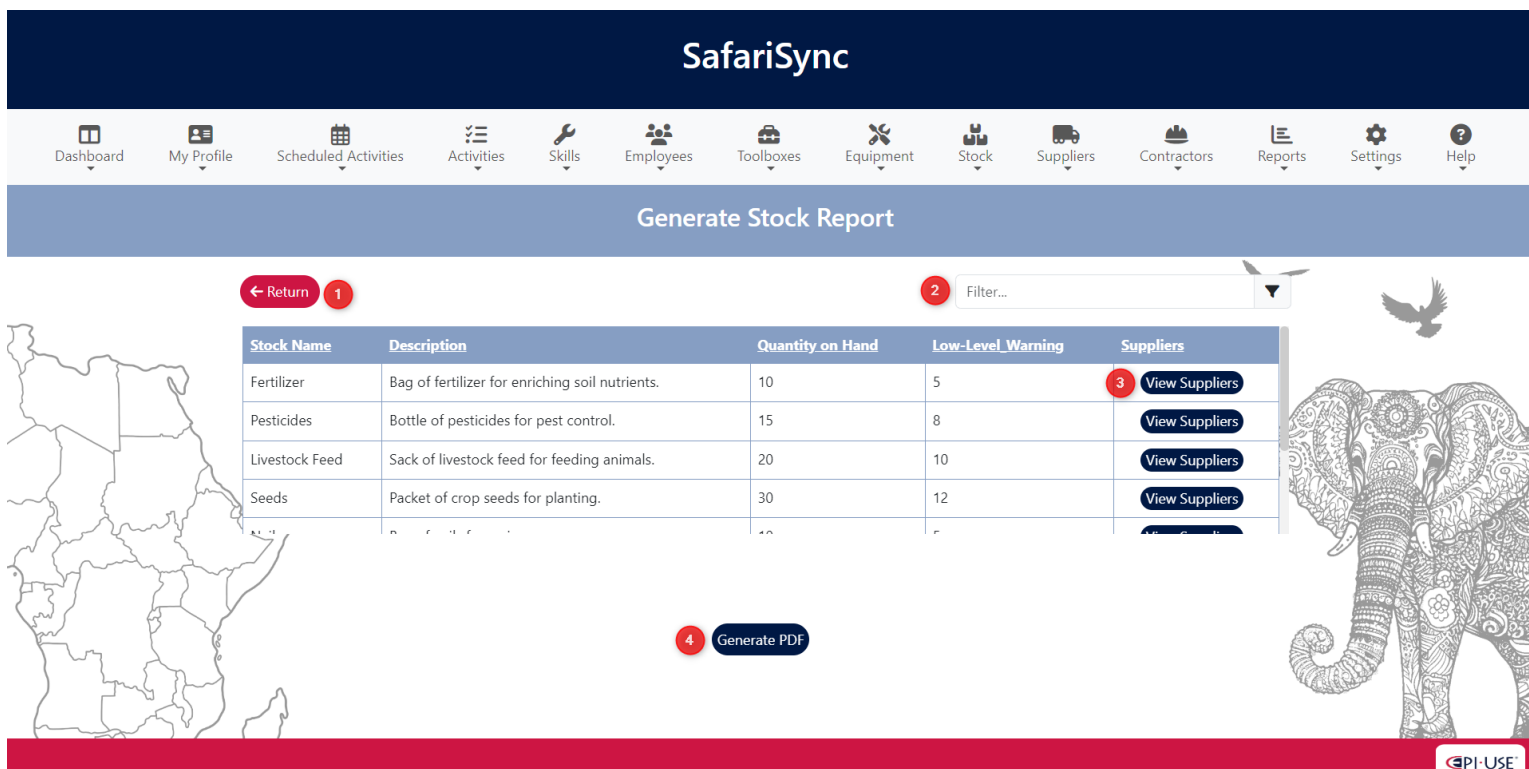


## 18 Subsystem 12: Reporting Subsystem (Administrator)

### 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	<a href="#">View Suppliers</a>
Pesticides	Bottle of pesticides for pest control.	15	8	<a href="#">View Suppliers</a>
Livestock Feed	Sack of livestock feed for feeding animals.	20	10	<a href="#">View Suppliers</a>
Seeds	Packet of crop seeds for planting.	30	12	<a href="#">View Suppliers</a>

#	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><div>Suppliers of Fertilizer</div><table><thead><tr><th>Supplier Name</th><th>Phone Number</th><th>Email Address</th><th>Address</th><th>Type</th></tr></thead><tbody><tr><td>Farm Equipment Co.</td><td>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>9876543210</td><td>cropco@example.com</td><td>Crop Seeds</td><td>Crop Seeds</td></tr></tbody></table><div>Return</div></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	9876543210	cropco@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	9876543210	cropco@example.com	Crop Seeds	Crop Seeds													

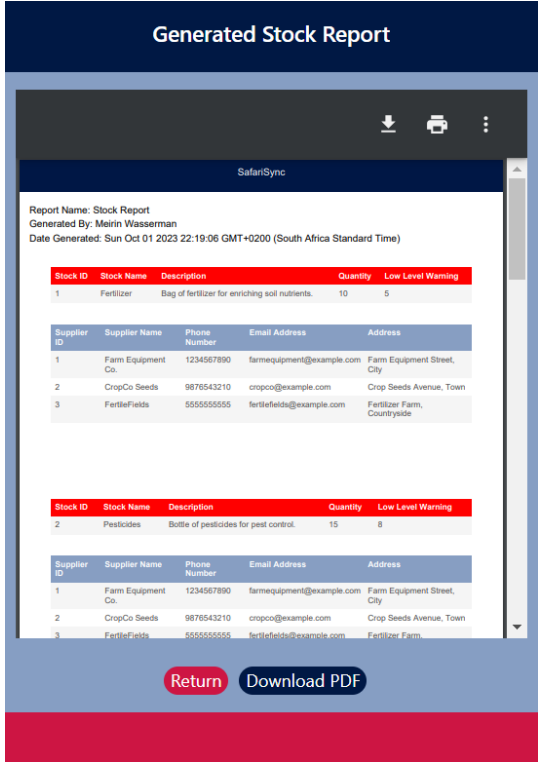
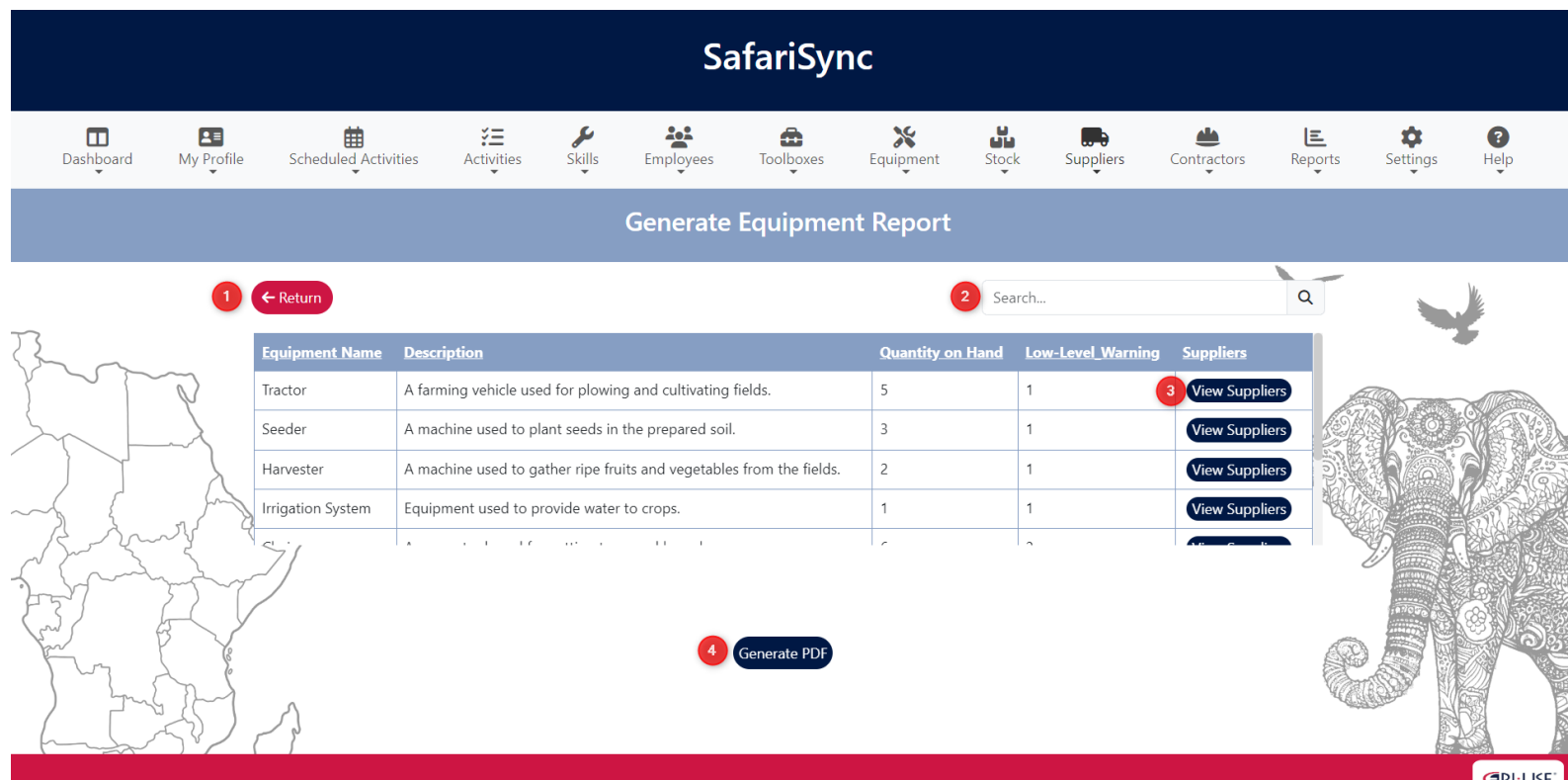
#	Item Name	Item Description
4	Generate PDF Button	<p>When clicked the system will display the “Generated Stock Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Stock Report” page.</p> <p>If the Download PDF Button is clicked, a 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	<a href="#">View Suppliers</a>
Seeder	A machine used to plant seeds in the prepared soil.	3	1	<a href="#">View Suppliers</a>
Harvester	A machine used to gather ripe fruits and vegetables from the fields.	2	1	<a href="#">View Suppliers</a>
Irrigation System	Equipment used to provide water to crops.	1	1	<a href="#">View Suppliers</a>

#	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> <div><div>Suppliers of Tractor</div><table><thead><tr><th>Supplier Name</th><th>Phone Number</th><th>Email Address</th><th>Address</th><th>Type</th></tr></thead><tbody><tr><td>Farm Equipment Co.</td><td>1234567890</td><td>farmequipment@example.com</td><td>Farm Equipment Street, City</td><td>Farming Tools Supplier</td></tr></tbody></table><div>Return</div></div> <p>If the Return button is clicked the system will return to the “Generate Equipment 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
Supplier Name	Phone Number	Email Address	Address	Type								
Farm Equipment Co.	1234567890	farmequipment@example.com	Farm Equipment Street, City	Farming Tools Supplier								

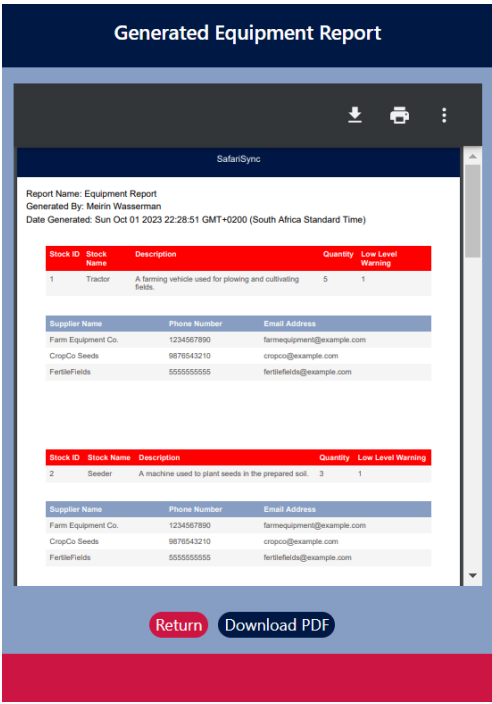
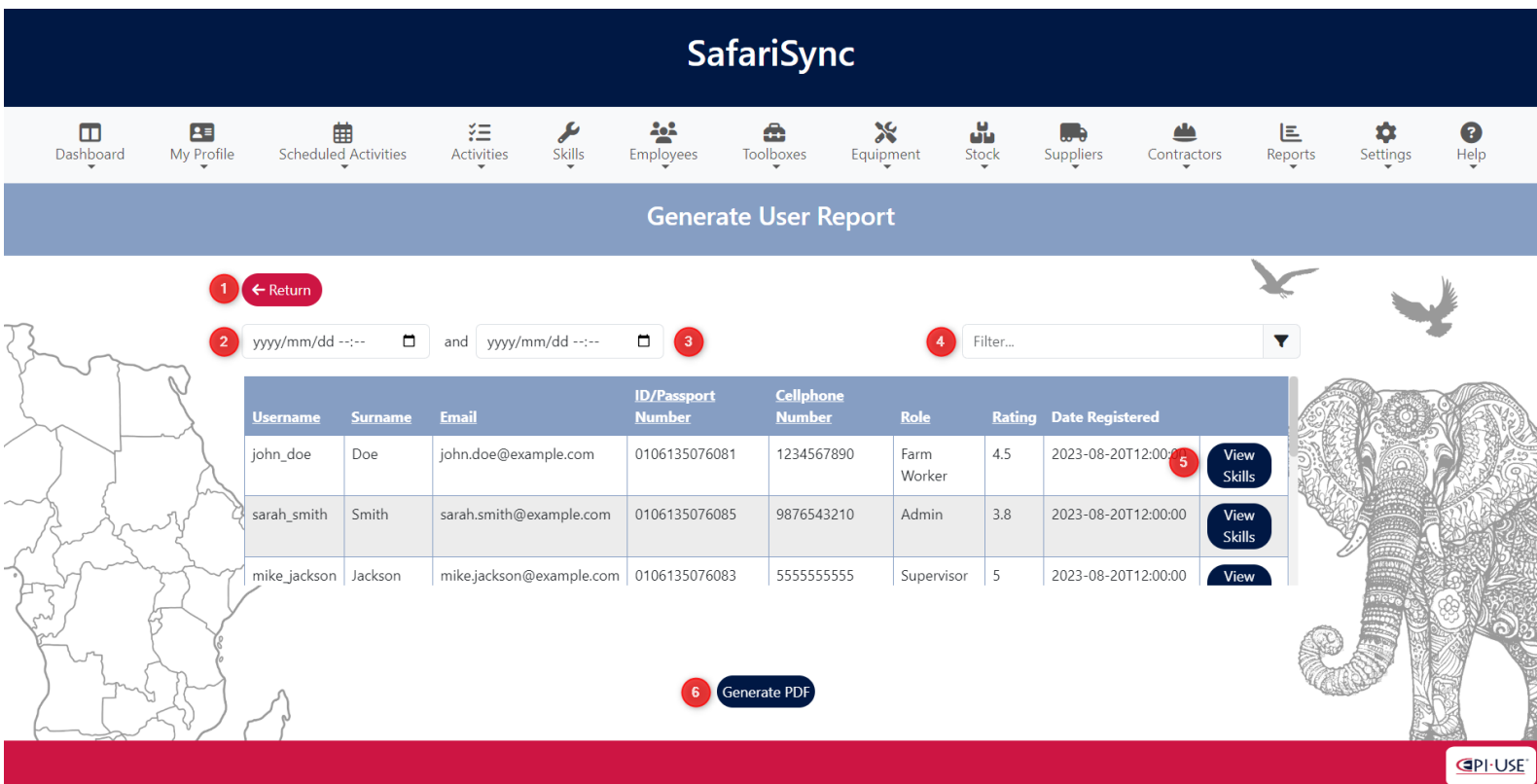
#	Item Name	Item Description
4	Generate PDF Button	<p>When clicked the system will display the “Generated Equipment Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Equipment Report” page.</p> <p>If the Download PDF Button is clicked,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

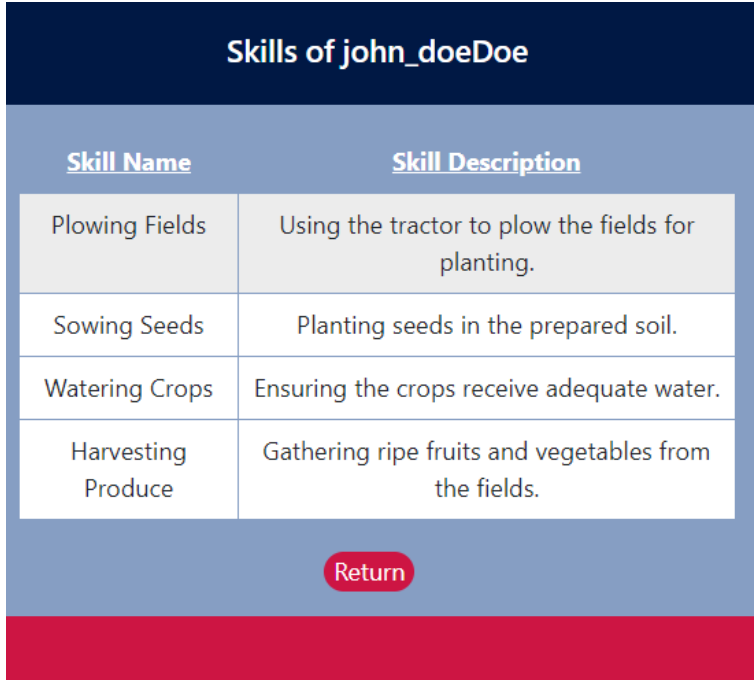
**Purpose:** The purpose of this function is to allow the admin to generate a new User report, to be added to the system.

**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:



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
sarah_smith	Smith	sarah.smith@example.com	0106135076085	9876543210	Admin	3.8	2023-08-20T12:00:00
mike_jackson	Jackson	mike.jackson@example.com	0106135076083	5555555555	Supervisor	5	2023-08-20T12:00:00

#	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 data-bbox="638 434 1396 1111">  </div> <p>If the Return button is clicked the system will return to the “Generate User Report” page.</p>



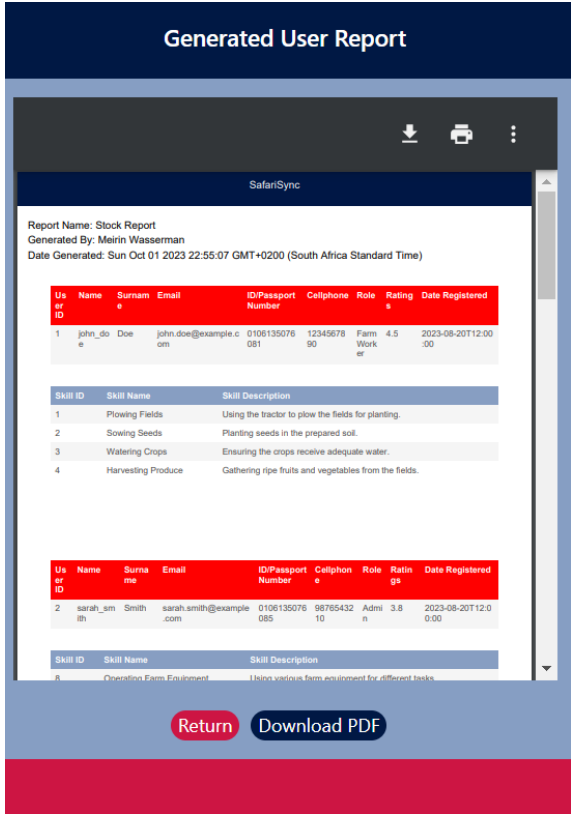
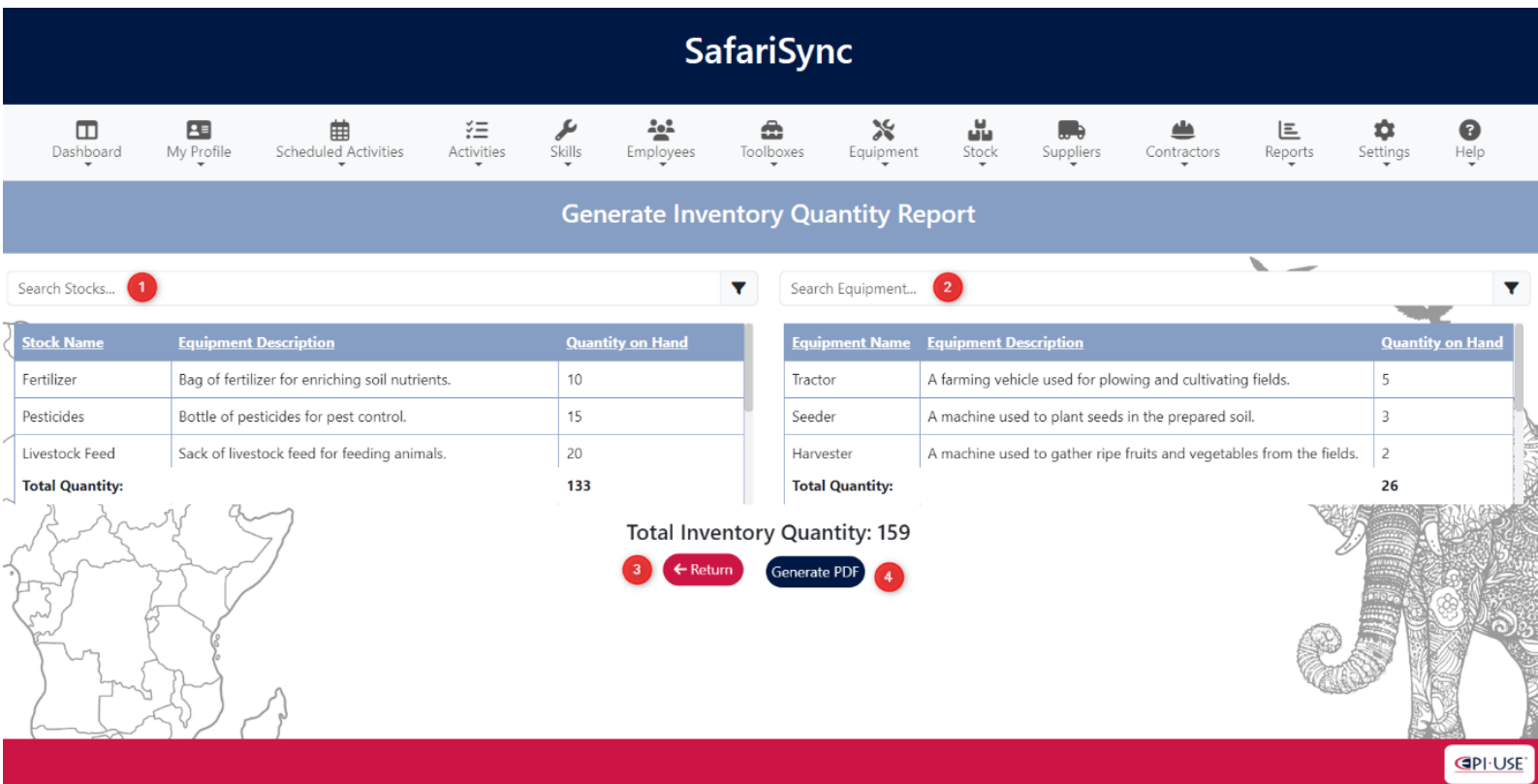
#	Item Name	Item Description
6	Generate PDF Button	<p>When clicked the system will display the “Generated User Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate User Report” page.</p> <p>If the Download PDF Button is clicked, a PDF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

Generate Inventory Quantity Report

Search Stocks... 1

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
<b>Total Quantity:</b>		<b>133</b>

Search Equipment... 2

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
<b>Total Quantity:</b>		<b>26</b>

**Total Inventory Quantity: 159**

3 ← Return Generate PDF 4

#	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.


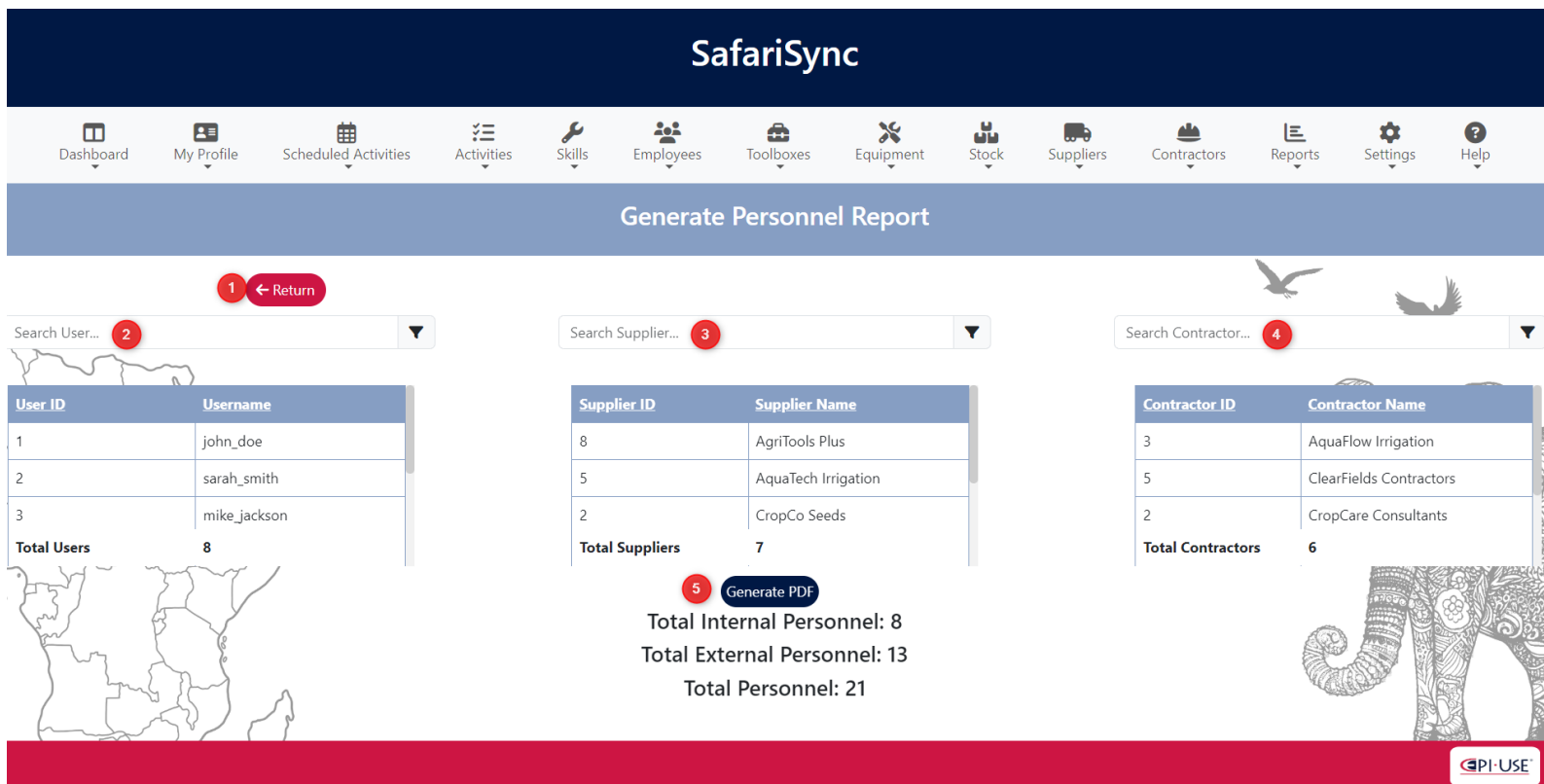
#	Item Name	Item Description
4	Generate PDF Button	<p>When clicked the system will display the “Generated Equipment Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Inventory Report” page.</p> <p>If the Download PDF Button is clicked,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

Table 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**

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

**Generate Personnel Report**

1 ← Return

Search User... 2

User ID	Username
1	john_doe
2	sarah_smith
3	mike_jackson
<b>Total Users</b>	<b>8</b>

Search Supplier... 3

Supplier ID	Supplier Name
8	AgriTools Plus
5	AquaTech Irrigation
2	CropCo Seeds
<b>Total Suppliers</b>	<b>7</b>

Search Contractor... 4

Contractor ID	Contractor Name
3	AquaFlow Irrigation
5	ClearFields Contractors
2	CropCare Consultants
<b>Total Contractors</b>	<b>6</b>

5 Generate PDF

Total Internal Personnel: 8  
Total External Personnel: 13  
Total Personnel: 21

#	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.

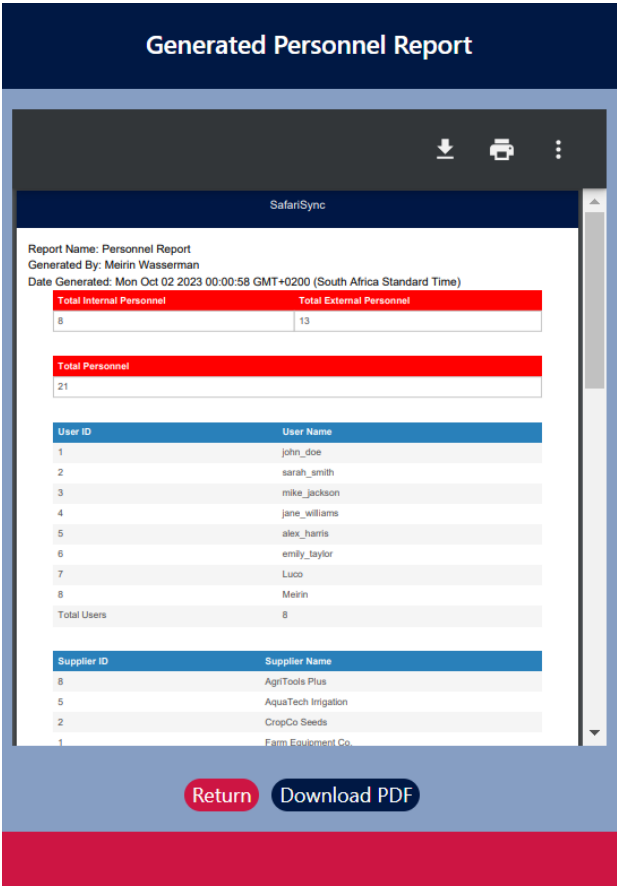
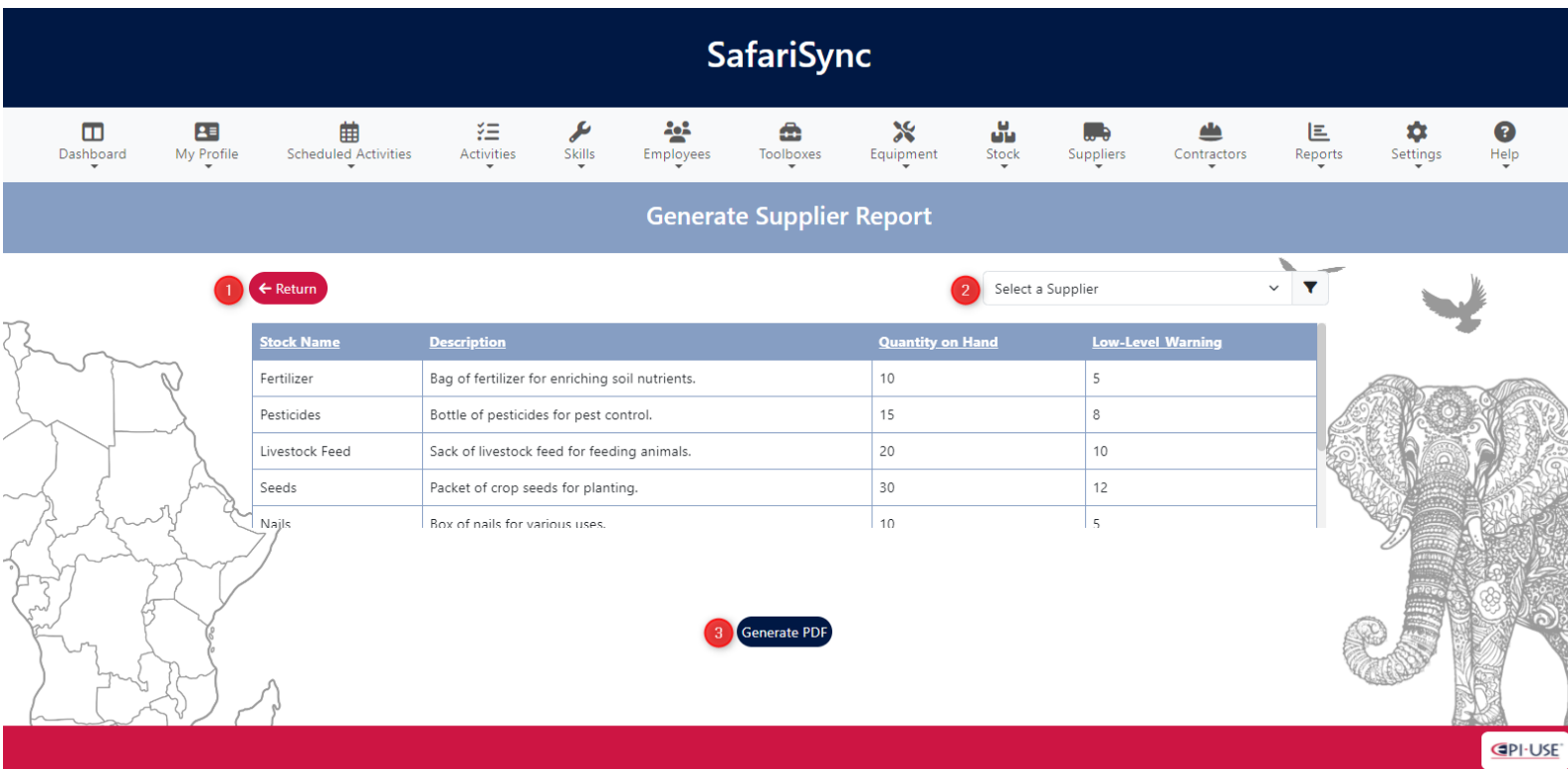
#	Item Name	Item Description
5	Generate PDF Button	<p>When clicked the system will display the “Generated Personnel Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Personnel Report” page.</p> <p>If the Download PDF Button is clicked, 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:



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

#	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.

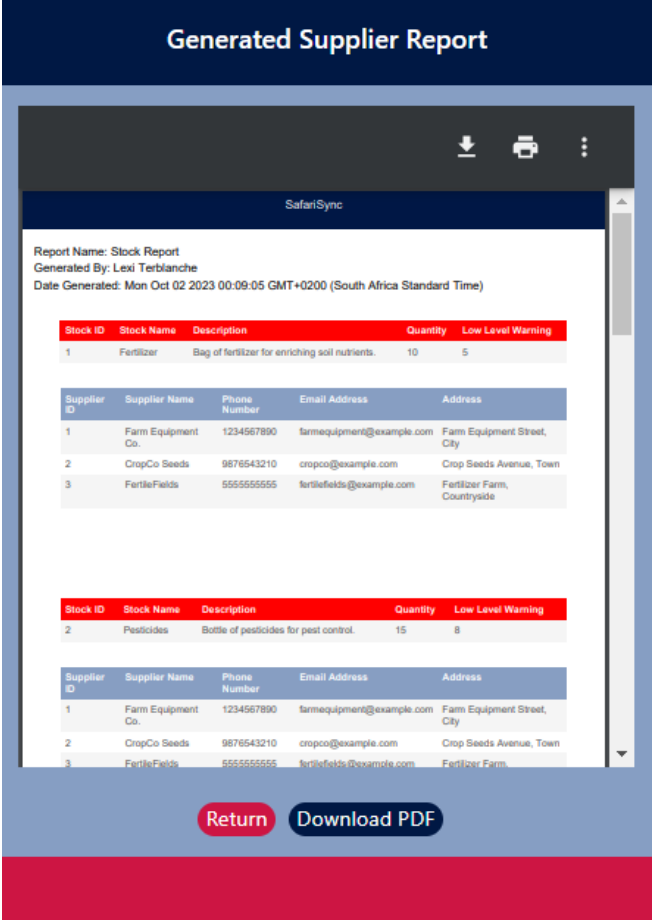
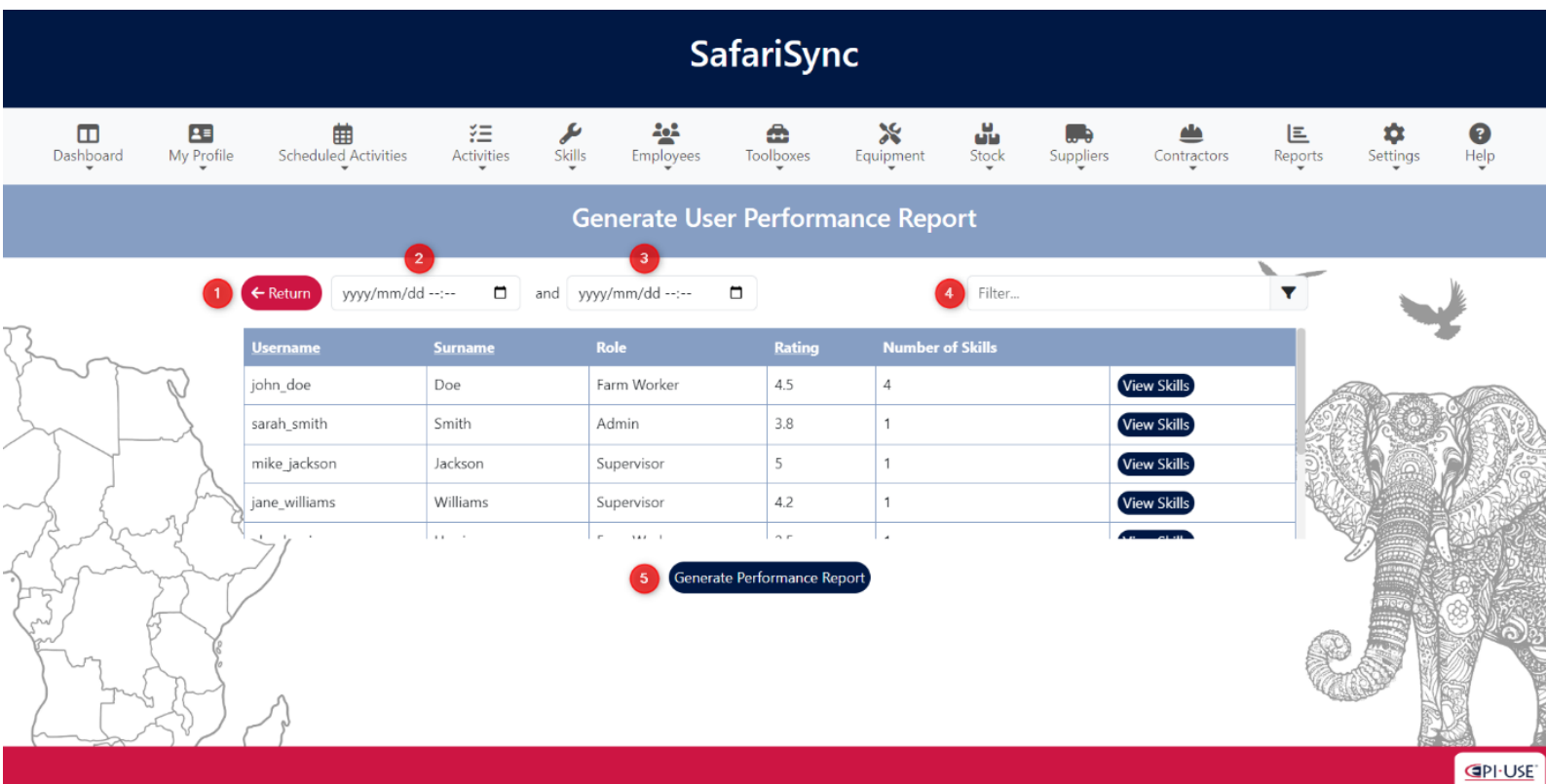
#	Item Name	Item Description
3	Generate PDF Button	<p>When clicked the system will display the “Generated Supplier Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate Supplier Report” page.</p> <p>If the Download PDF Button is clicked,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



#	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	The admin can enter search criteria which will filter the User results in the table.										
5	View Skills Button	<div>When clicked the system will display the “Skills of ‘Employee Name’ ” modal which will look as follows:</div> <div><div>Skills of john_doeDoe</div><table><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><div>Return</div></div> <div>If the Return button is clicked the system will return to the “Generate User Performance Report” page.</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.											


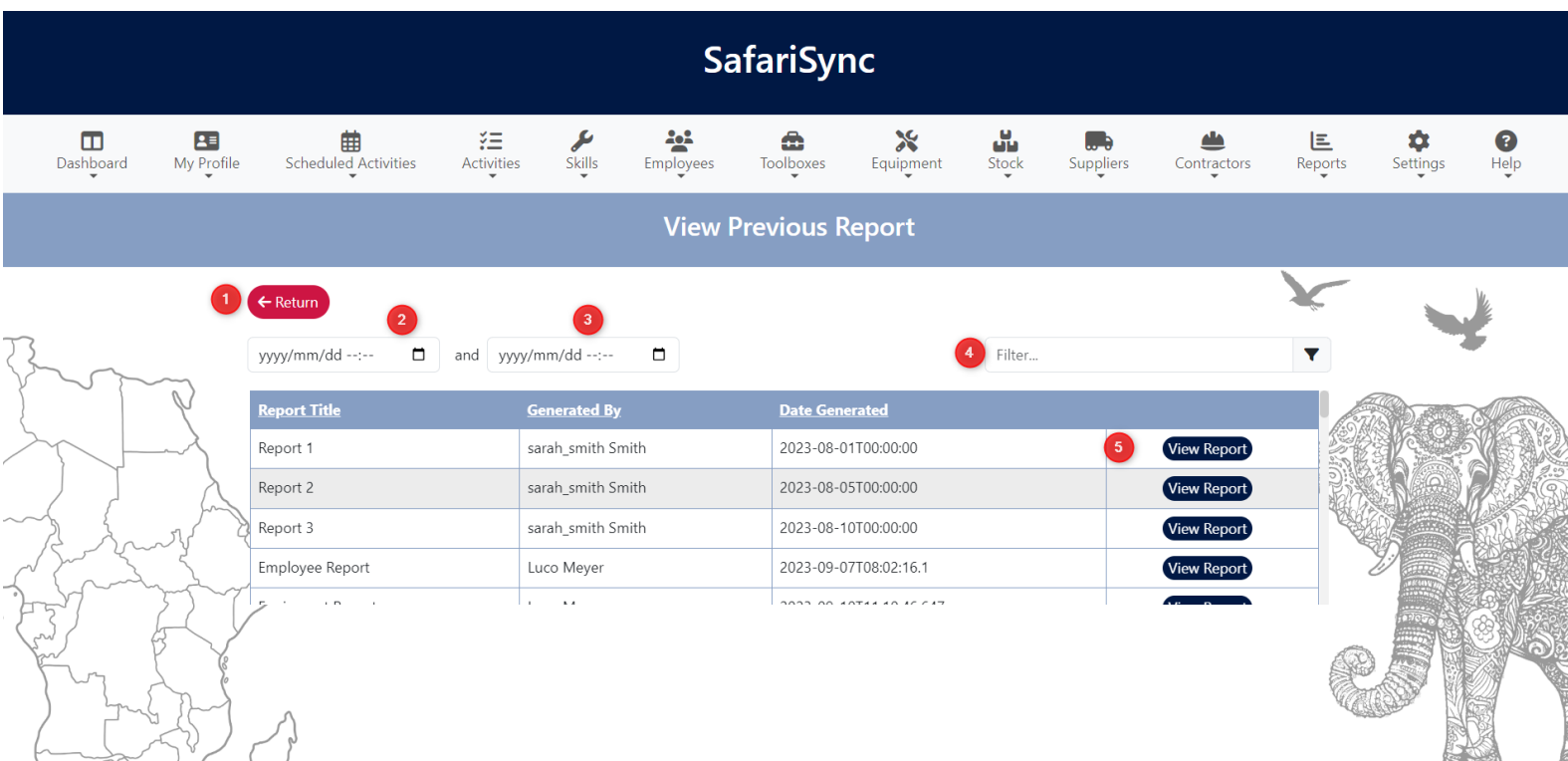
#	Item Name	Item Description
6	Generate PDF Button	<p>When clicked the system will display the “Generated User Performance Report” modal which will look as follows:</p>  <p>If the Return button is clicked the system will return to the “Generate User Performance Report” page.</p> <p>If the Download PDF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

Table 64: Generate User Performance Report Screen

## 18.8 12.8 View Previous Reports

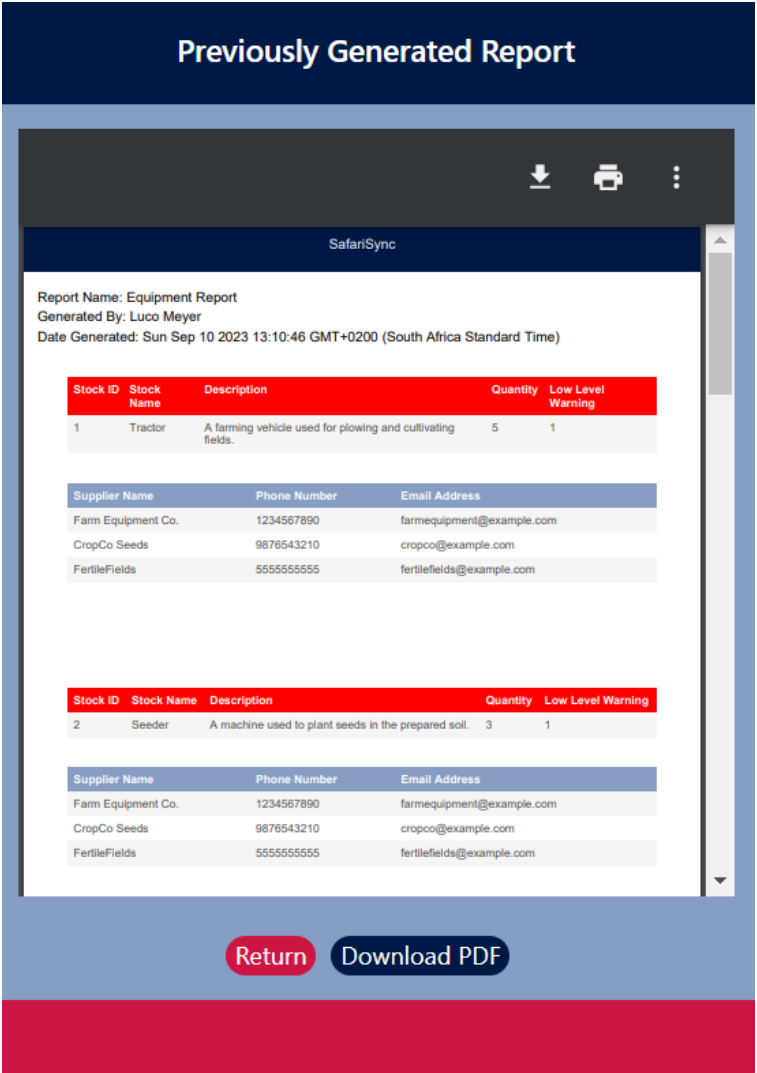
**Purpose:** The purpose of this function is to allow the admin to view a previously generated report, in the system.

**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	<a href="#">View Report</a>
Report 2	sarah_smith Smith	2023-08-05T00:00:00	<a href="#">View Report</a>
Report 3	sarah_smith Smith	2023-08-10T00:00:00	<a href="#">View Report</a>
Employee Report	Luco Meyer	2023-09-07T08:02:16.1	<a href="#">View Report</a>

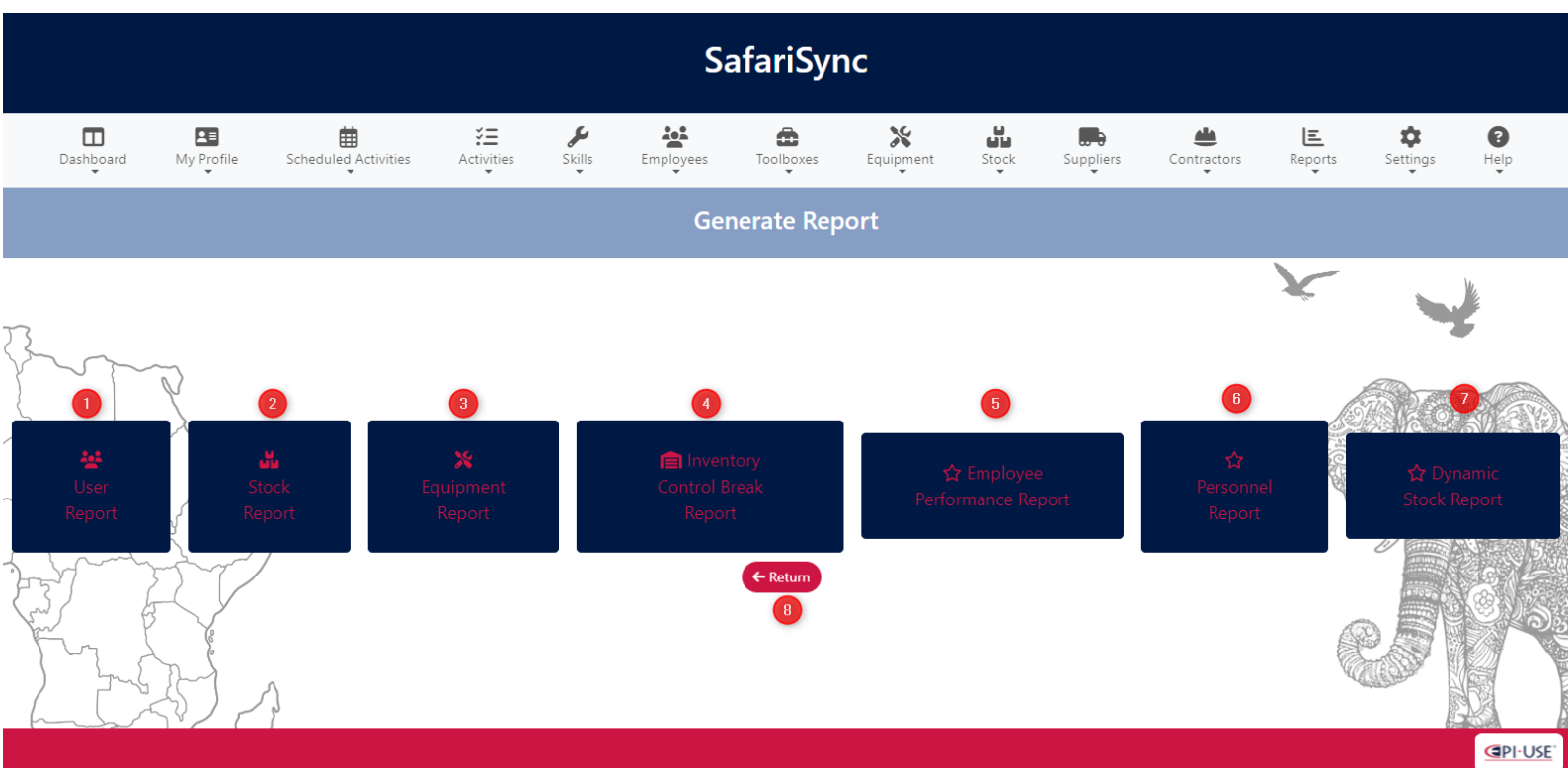
#	Item Name	Item Description
1	Return Button	When clicked the system will return to the “Generate Report” screen.
2	Start Date-Time Picker	When clicked, it will allow the admin to choose the start date of the reporting period

#	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:



#	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