UNIVERSITI TEKNOLOGI MARA

Kolej Pengajian Pengkomputeran, Informatik dan Matematik

CSC 584 : ENTERPRISE PROGRAMMING

PROJECT REPORT - USER MANUAL

COMMUNITY FARMING SYSTEM (CFS)

CLASS :

CDCS230 4C

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SUBMISSION DATE

18.02.2024

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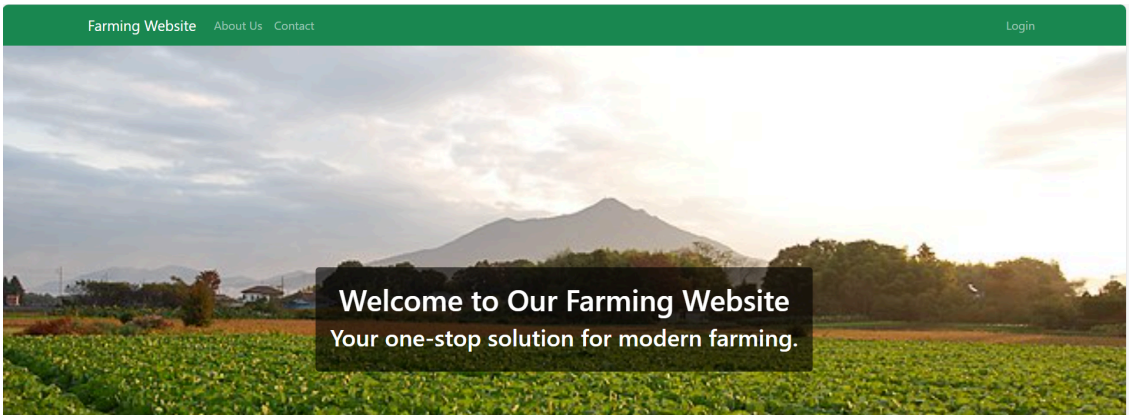
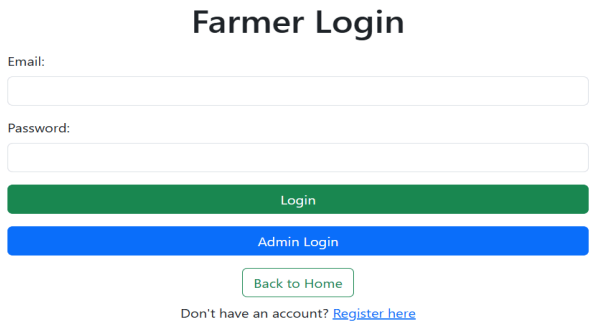
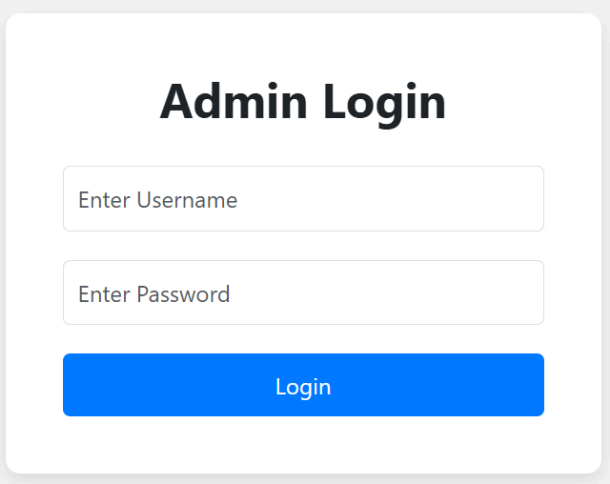
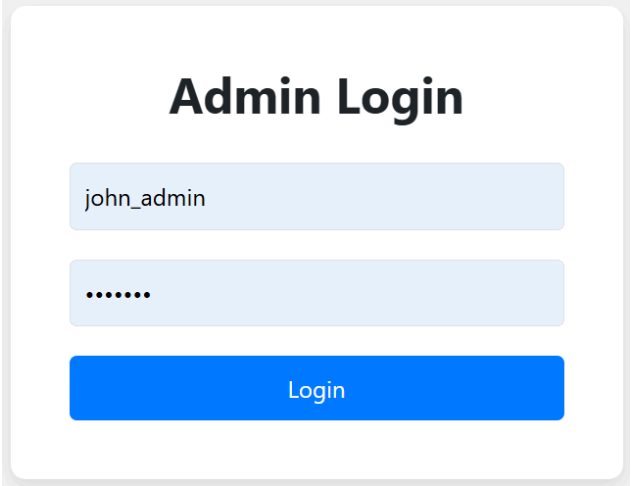
USER MANUAL OF COMMUNITY FARMING SYSTEM (CFS)

1. LOGIN , LOGOUT, DASHBOARD

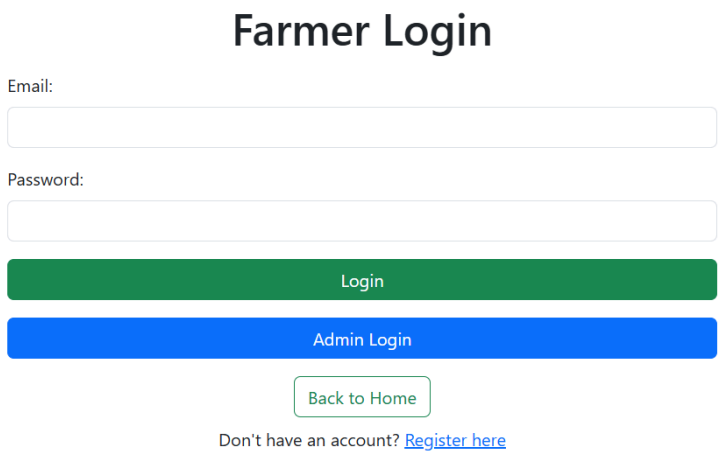
   a. Login farmer page

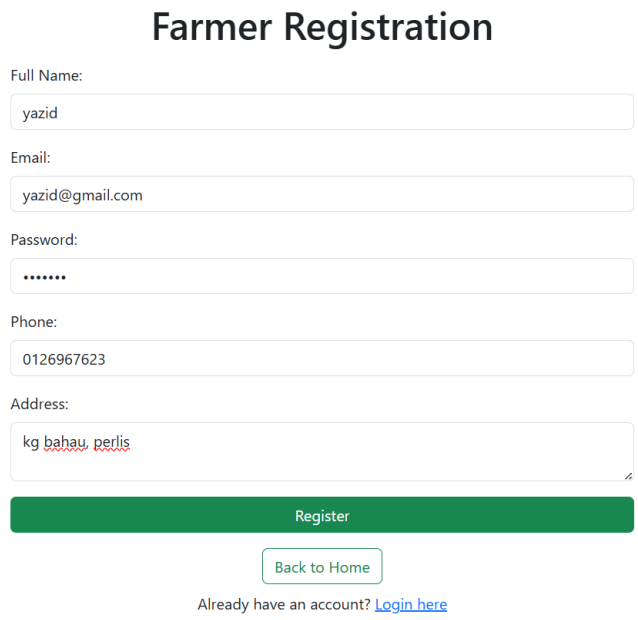
Login farmer page	
1.	Click on the "**Log in"** at the header screen. Then the farmer will go to the login page.
	
2.	● Enter your Email and Password in the provided fields. - Click the green **Login** button to access your account.
	

b. Login Admin page

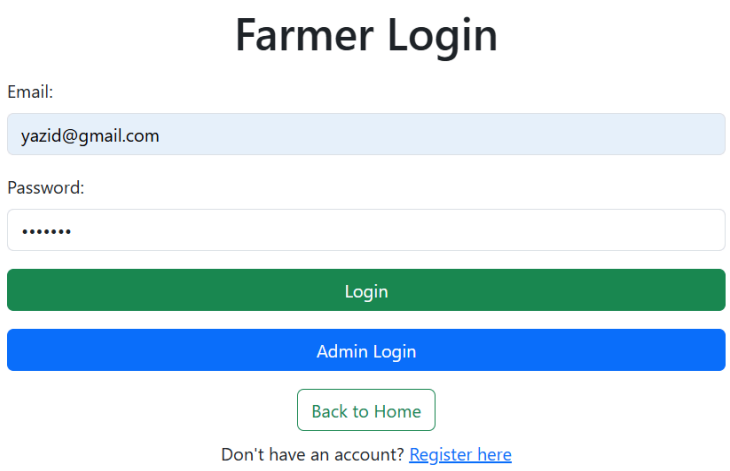
Login Admin page	
1.	Click on the "**Admin Log in "** below the green login button. Then the admin will go to the login page.
	
2.	● Enter your Email and Password in the provided fields. - Click the blue Login button to access your account.
	

c. Register New Account Farmer

Register Farmer page (New Account)	
1.	Click on the "**Register Here"** under the login form. Then the farmer will go to the registration page.
	
2.	- Enter your **Full Name**. - Provide your **Email** address. - Create a **Password** and confirm it by entering the same password again. - Enter your **Phone Number**. - Click **Register** to complete the process.

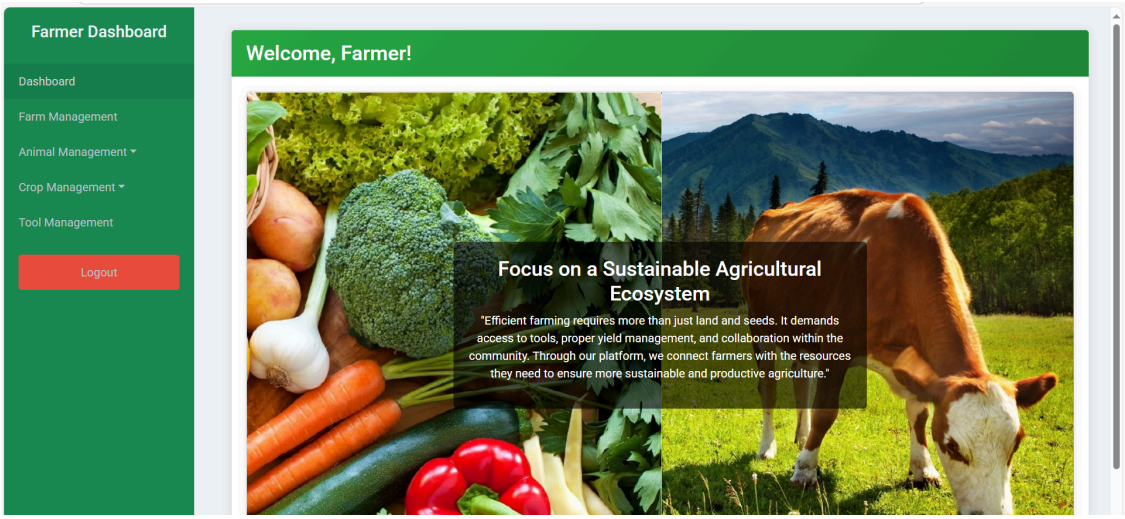


3.	If register complete, farmer will go to log in page to continue log in



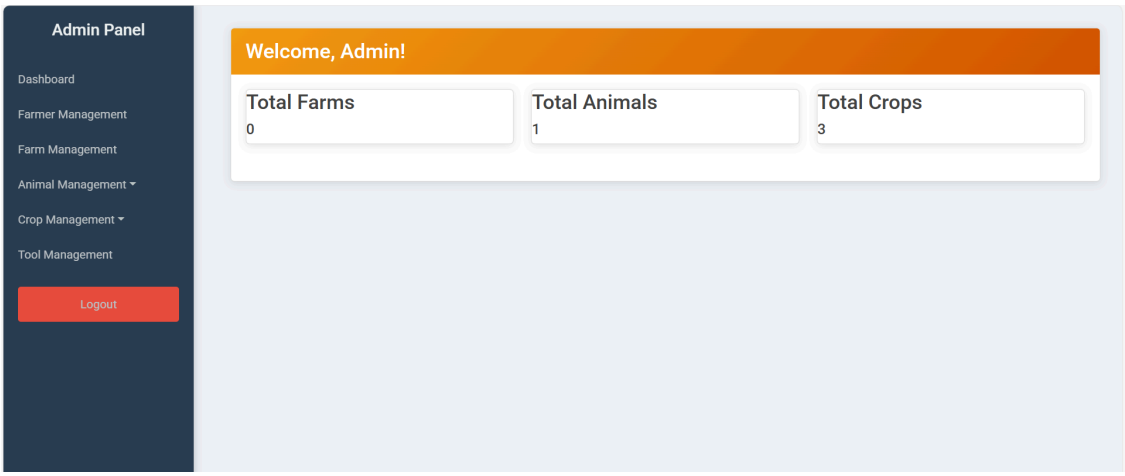
d. Dashboard farmer

Dashboard farmer	
1.	• **Farm Management:** Rent plots and insert Payment details. • **Animal Management:** Manage livestock records. • **Crop Management:** Track and update your crop information. • **ToolManagement:** Rent tools for farming needs. • **Logout:** Click the red **Logout** button in the sidebar corner.



e. Dashboard admin

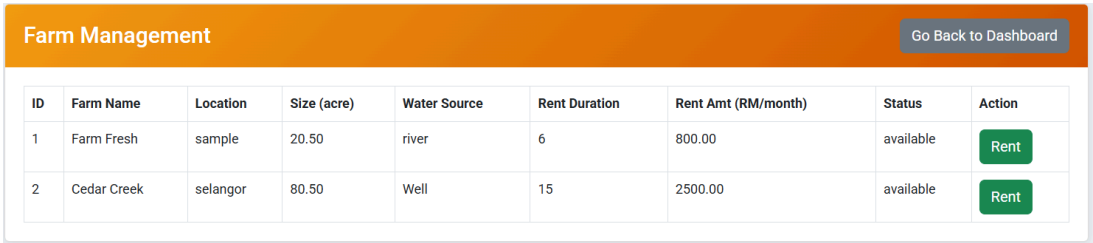
Dashboard admin	
1.	• **Manage Farmer :** Add, edit, delete farmer details. • **Manage Farm :** Add, edit, delete farm details to promote available plots for rent to farmers on the **'Farmer Dashboard'**. • **Manage Animals:** Add,edit,delete livestock records including the animal details, animal type and animal produce. • **Manage Crops:** Add,edit,delete crops records including the crop details, crop type and crop produce. • **Manage Tools:Manage Farm :** Add, edit, delete tool details to promote available tools for rent to farmers on the **'Farmer Dashboard'**. • **Logout:** Click the red **Logout** button in the sidebar corner.



2. FARMER

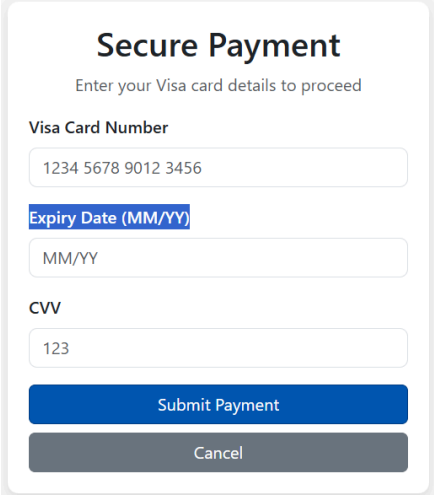
a. Farm Management

Farm Management Page	
1.	Click on the "**Farm Management"** button in the dashboard. Then the farmer will go to the farm management page.



ID	Farm Name	Location	Size (acre)	Water Source	Rent Duration	Rent Amt (RM/month)	Status	Action
1	Farm Fresh	sample	20.50	river	6	800.00	available	Rent
2	Cedar Creek	selangor	80.50	Well	15	2500.00	available	Rent

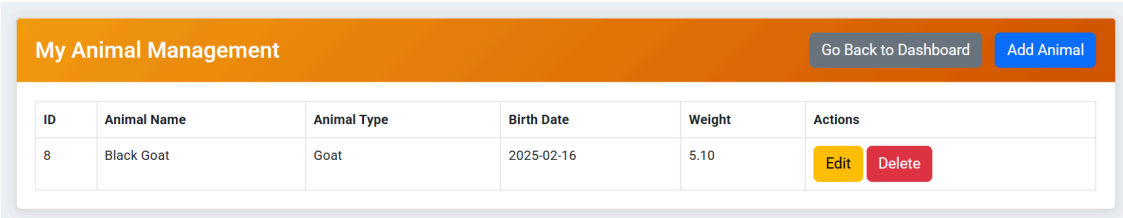
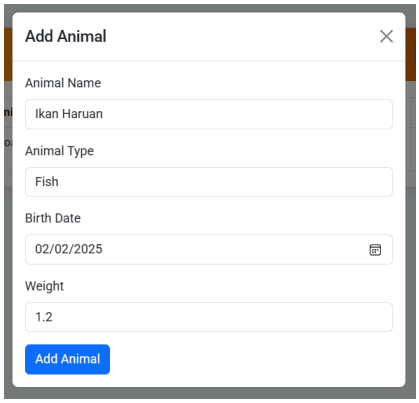
2.	To rent new farm, click on "**Rent**" button and it will pop up a form of payment to fill all the information: ● In payment form, it has: ● Visa Card Number ● Expiry Date (MM/YY) ● CVV

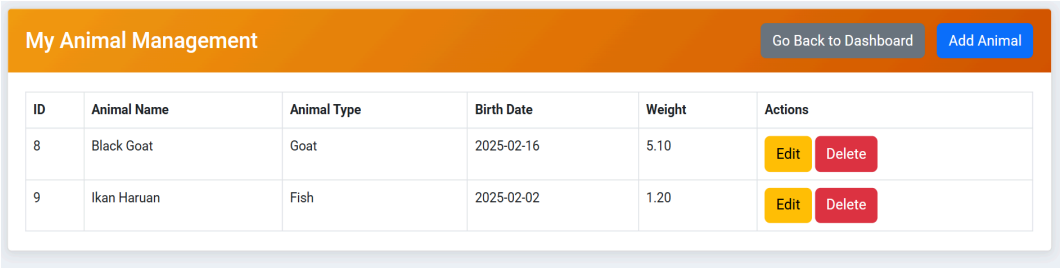


3.	Click on the "**Submit Payment**" button. The newly rented farm status will be updated automatically.

ID	Farm Name	Location	Size (acre)	Water Source	Rent Duration	Rent Amt (RM/month)	Status	Action
1	Farm Fresh	sample	20.50	river	6	800.00	rented	Rented

b. Farmer Animal Management

Farmer Animal Management page	
1.	Click on the "**Animal Management**" button in the sidebar of the farmer dashboard. Then, click on the "**Animal List**" button. This will direct you to the Farmer Animal Management page.
	
2.	To add a new animal, click on "**Add Animal**" button, and it will pop up a form to fill all informations: ● Enter the animal name. ● Select the animal type. ● Enter the birthdate and weight of the animal.
	
3.	Click on the "**Add Animal**" button. The newly added animal information will be displayed.

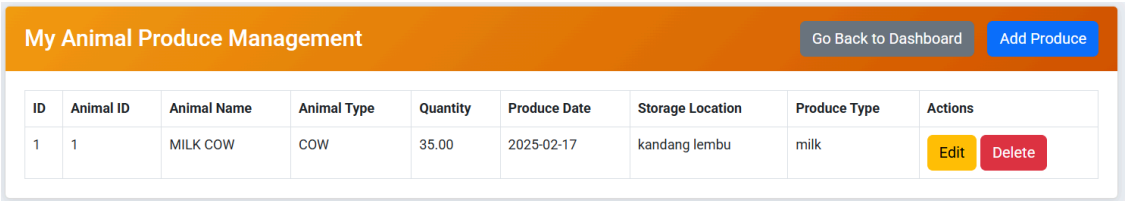


4.	Click on the "**Edit**" button to edit animals.
	● In edit form, it has:
	  ● Animal Name
	  ● Animal Type
	  ● Birth Date
	  ● Weight

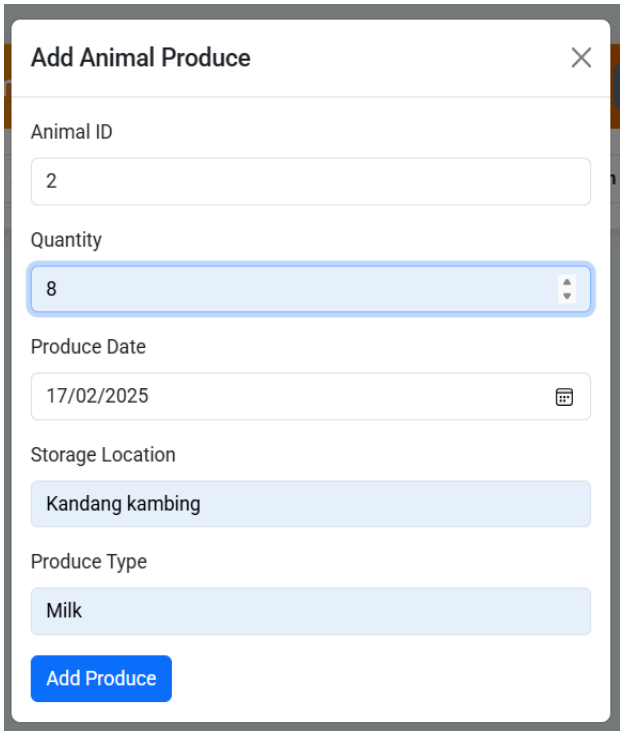
5.	Click on the "**Delete**" button to delete animal records.

c. Farmer Animal Produce Management

Farmer Animal Produce Management page	
1.	Click on the "**Animal Produce**" button in the dashboard. This will direct you to the Farmer Animal Produce Management page.



2.	To add a new animal, click on "**Add Produce**" button, and it will pop up a form to fill all informations: ● Enter the animal id. ● Enter the quantity. ● Enter produce type.



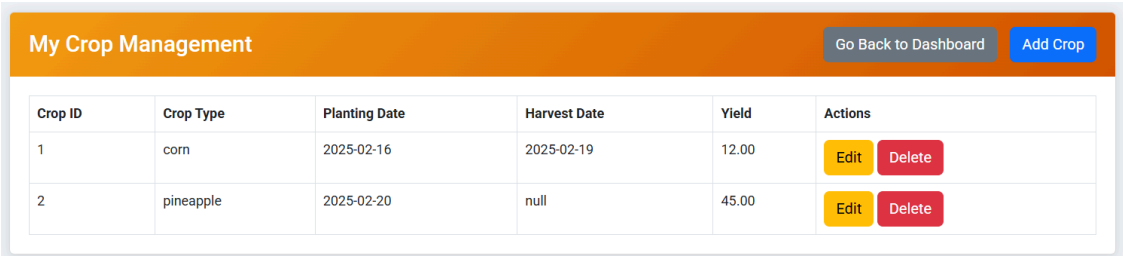
3.	Click on the "**Add Produce**" button. The newly added animal produce information will be displayed.
16 | 2 | Daisy | Goat | 8.00 | 2025-02-17 | Kandang kambing | Milk | Edit Delete	

4.	Click on the "**Edit**" button to edit animal produces.
	● In edit form, it has:
	  ● Animal ID
	  ● Quantity
	  ● Produce Date
	  ● Storage Location
	  ● Produce Type

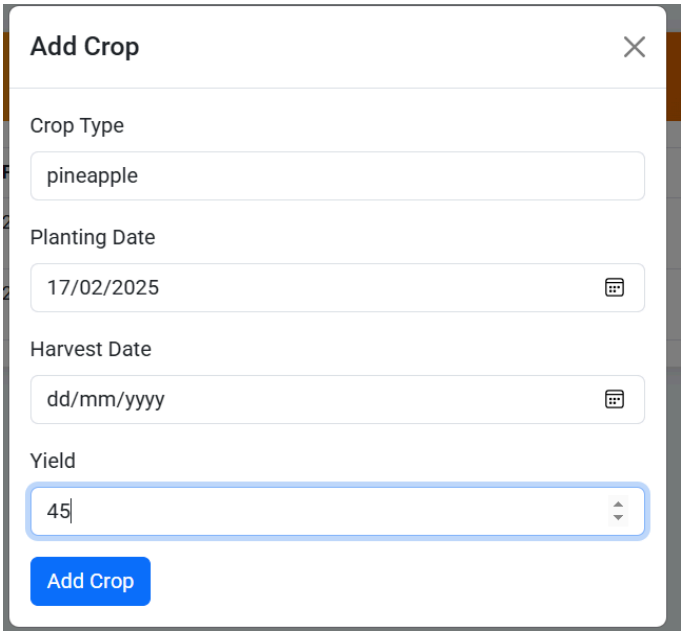
5.	Click on the "**Delete**" button to delete animal produce records.

d. Farmer Crop Management

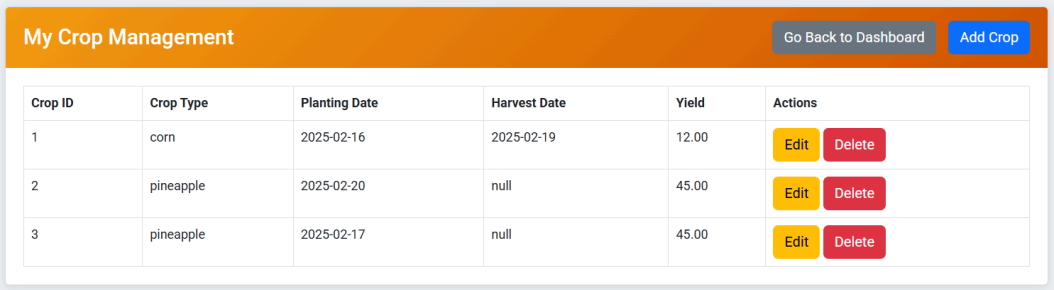
Farmer Crops Management page	
1.	Click on the "**Crops Management**" button in the sidebar of the farmer dashboard. Then, click on the "**Crop List**" button. This will direct you to the Farmer Crop Management page.



2.	To add a new animal, click on "**Add Crop**" button, and it will pop up a form to fill all informations: ● Enter the crop type. ● Select the planting date and harvest date (if have). ● Enter the weight of yield



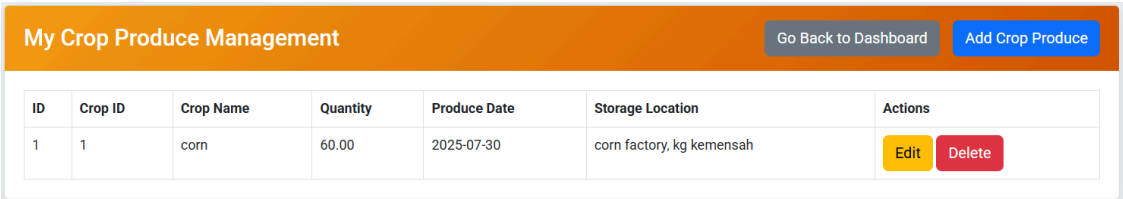
3.	Click on the "**Add Crop**" button. The newly added crop information will be displayed.



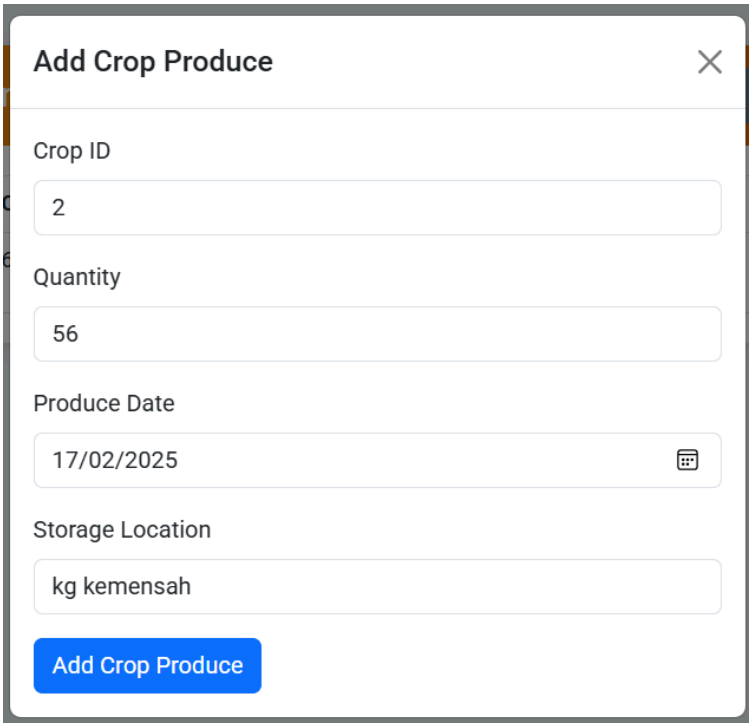
Crop ID	Crop Type	Planting Date	Harvest Date	Yield	Actions
1	corn	2025-02-16	2025-02-19	12.00	Edit Delete
2	pineapple	2025-02-20	null	45.00	Edit Delete
3	pineapple	2025-02-17	null	45.00	Edit Delete

e. Farmer Crop Produce Management

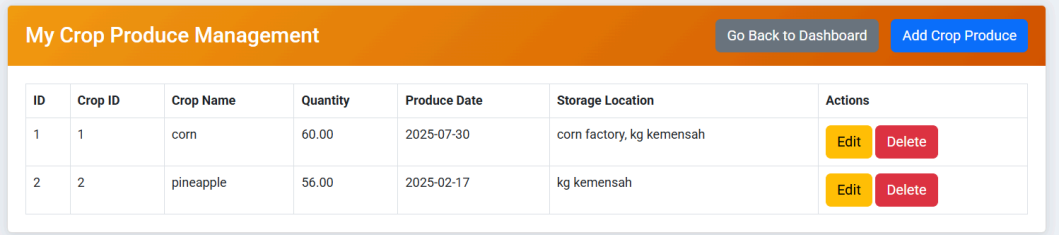
Farmer Crop Produce Management page	
1.	Click on the "**Crop Produce**" button in the dashboard. This will direct you to the Farmer Crop Produce Management page.



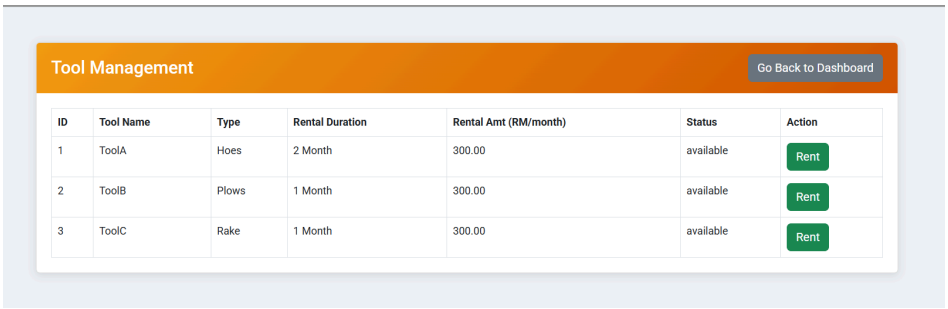
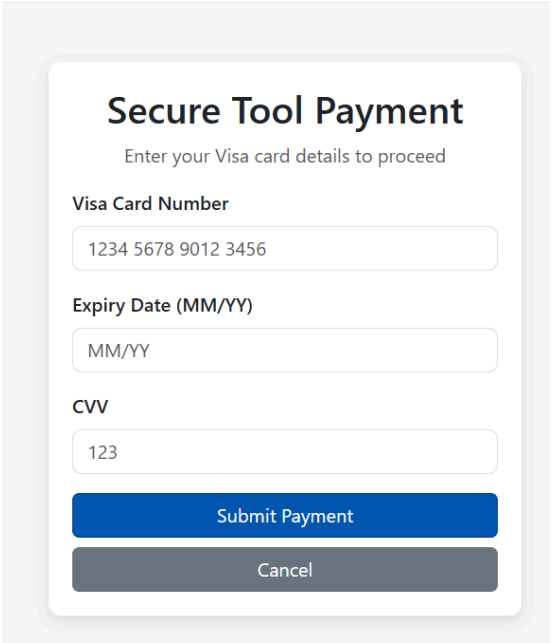
2.	To add a new crop, click on "**Add Crop Produce**" button, and it will pop up a form to fill all informations: ● Enter the crop id. ● Enter the quantity. ● Enter producedate. ● Enter storage location



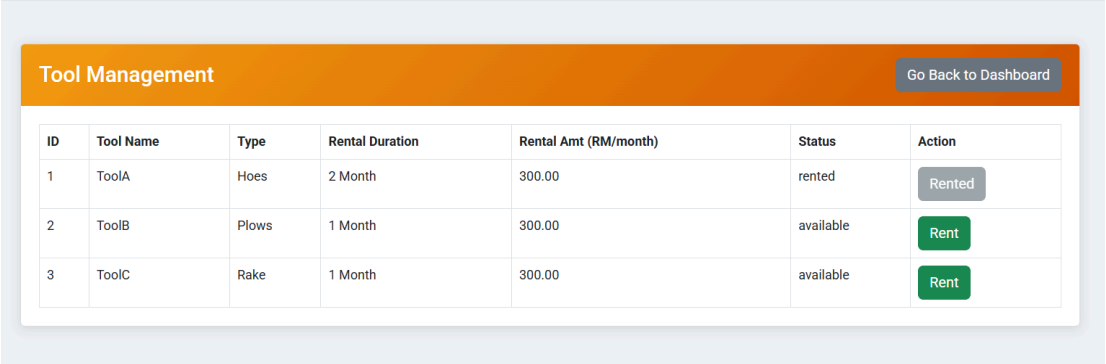
3.	Click on the "**Add Crop Produce**" button. The newly added crop produce information will be displayed.



f. Farmer Tool Management

Farmer Tool Management Page	
1.	Click on the "**Tool Management**" button in the dashboard. This will direct you to the Farmer Tool Management page.
	
2.	To rent a new tool on the farm, farmers can click on the "**Rent**" button which states the tool is 'Available', and it will redirect the farmer to the Payment Page. In payment form, farmer need to fill in their : ● Visa Card Number ● Expiry Date (MM/YY) ● CVV
	

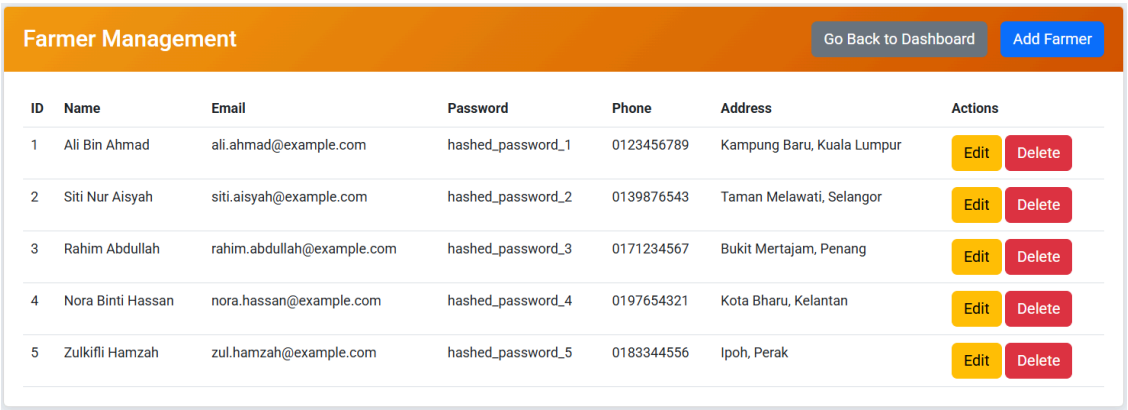
3.	Click on the "**Submit Payment**" button. The newly rented tool status will be updated automatically.



ID	Tool Name	Type	Rental Duration	Rental Amt (RM/month)	Status	Action
1	ToolA	Hoes	2 Month	300.00	rented	Rented
2	ToolB	Plows	1 Month	300.00	available	Rent
3	ToolC	Rake	1 Month	300.00	available	Rent

3. ADMIN

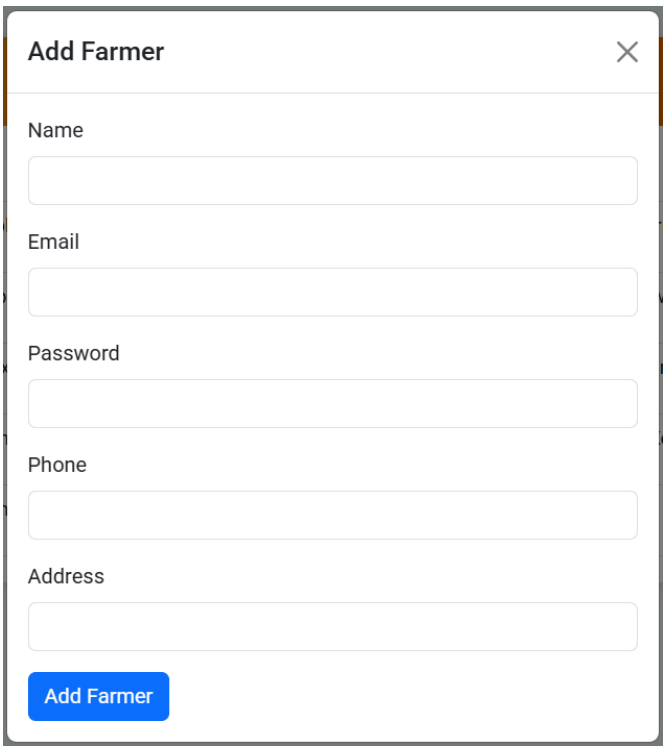
a. Admin Farmer Management

Admin Farmer Management Page	
1.	Click on the "**Farmer Management"** button in the dashboard. Then an admin will go to the farmer management page.
	
2.	To add a new farmer, click on "**Add Farmer**" button, and it will pop up a form to fill all informations: ● Name ● Email ● Password ● Phone ● Address

Farmer Management

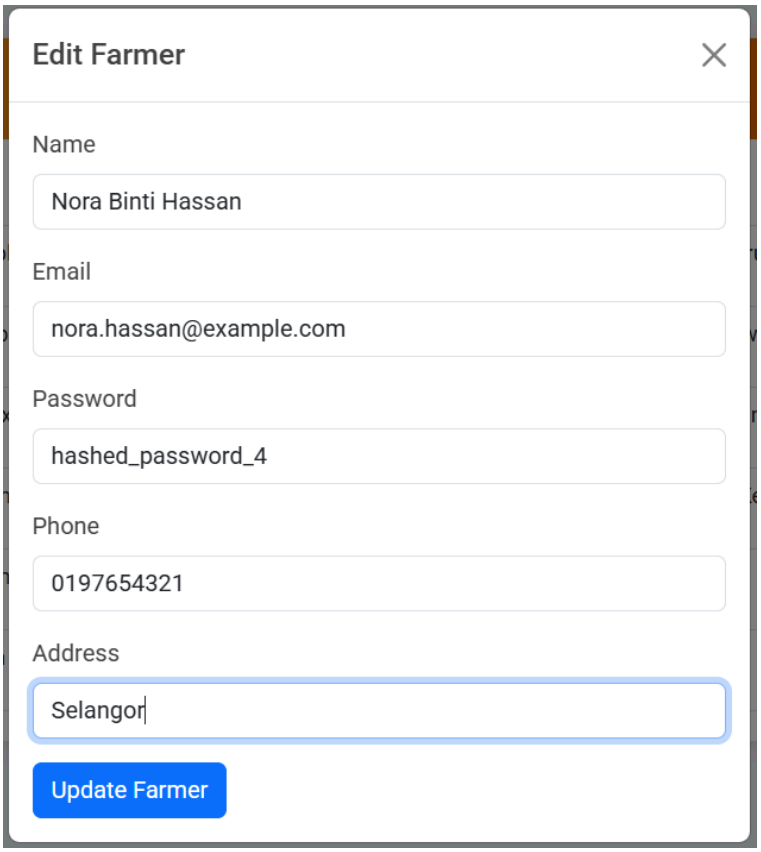
Go Back to Dashboard | Add Farmer

ID	Name	Email	Password	Phone	Address	Actions
1	Ali Bin Ahmad	ali.ahmad@example.com	hashed_password_1	0123456789	Kampung Baru, Kuala Lumpur	Edit Delete
2	Siti Nur Aisyah	siti.aisyah@example.com	hashed_password_2	0139876543	Taman Melawati, Selangor	Edit Delete
3	Rahim Abdullah	rahim.abdullah@example.com	hashed_password_3	0171234567	Bukit Mertajam, Penang	Edit Delete
4	Nora Binti Hassan	nora.hassan@example.com	hashed_password_4	0197654321	Kota Bharu, Kelantan	Edit Delete
5	Zulkifli Hamzah	zul.hamzah@example.com	hashed_password_5	0183344556	Ipoh, Perak	Edit Delete

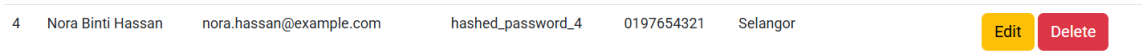


3.	Click on the "**Add Farmer**" button, and it will successfully add a new farmer.

4.	To edit farmer details:
	● Click on the "**Edit**" button in the action column.
	● For example, we can edit the data in ID = 4
	● In edit form, it has:
	  ● Name
	  ● Email
	  ● Password
	  ● Phone
	  ● Address

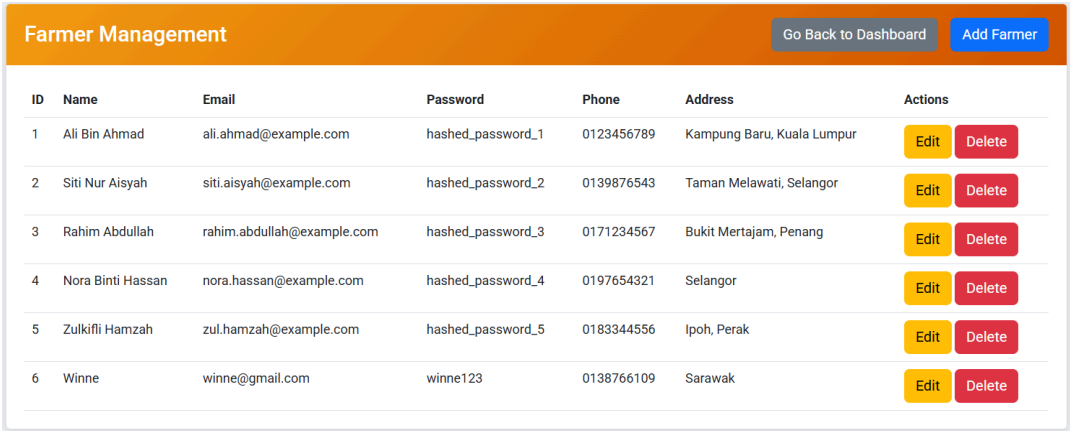


5.	Click on the "**Update Farmer**" button, and it will successfully update the data that you wanted to edit.



6.	To delete farmer record: ● Locate the specific farmer in the list. ● Click the "**Delete**" button in the Action column. ● Confirm the deletion when prompted. ● The selected farmer record will be permanently removed.

- Before deleting ID = 4

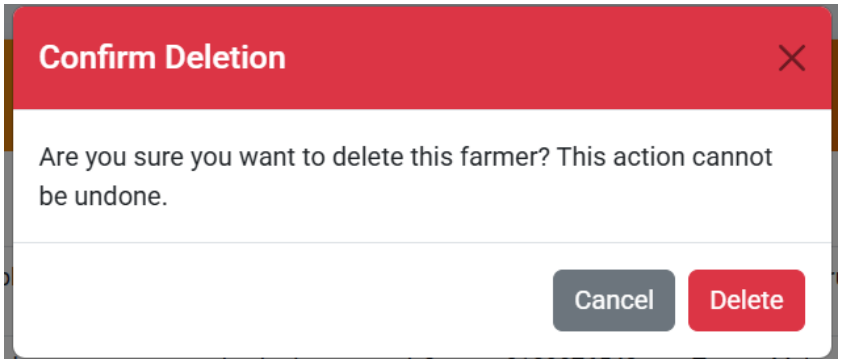


Farmer Management

Go Back to Dashboard | Add Farmer

ID	Name	Email	Password	Phone	Address	Actions
1	Ali Bin Ahmad	ali.ahmad@example.com	hashed_password_1	0123456789	Kampung Baru, Kuala Lumpur	Edit Delete
2	Siti Nur Aisyah	siti.aisyah@example.com	hashed_password_2	0139876543	Taman Melawati, Selangor	Edit Delete
3	Rahim Abdullah	rahim.abdullah@example.com	hashed_password_3	0171234567	Bukit Mertajam, Penang	Edit Delete
4	Nora Binti Hassan	nora.hassan@example.com	hashed_password_4	0197654321	Selangor	Edit Delete
5	Zulkifli Hamzah	zul.hamzah@example.com	hashed_password_5	0183344556	Ipoh, Perak	Edit Delete
6	Winne	winne@gmail.com	winne123	0138766109	Sarawak	Edit Delete

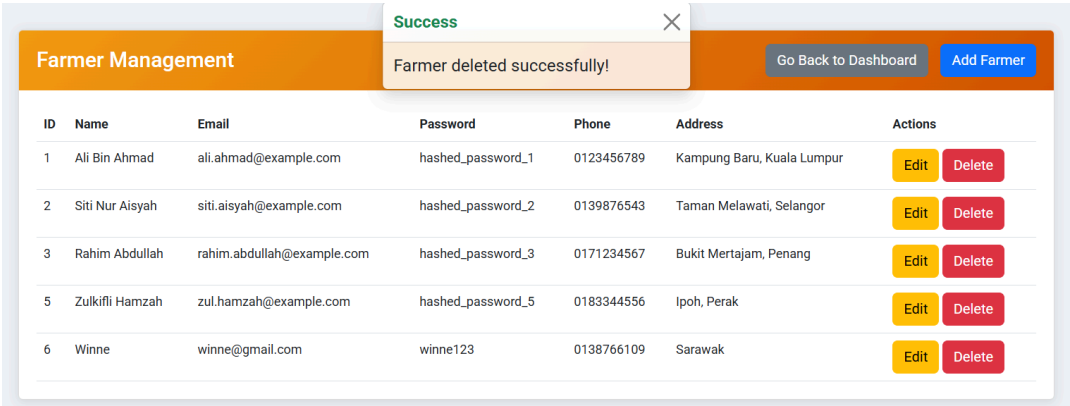
- After deleting ID = 4



Confirm Deletion

Are you sure you want to delete this farmer? This action cannot be undone.

Cancel | Delete



Success

Farmer deleted successfully!

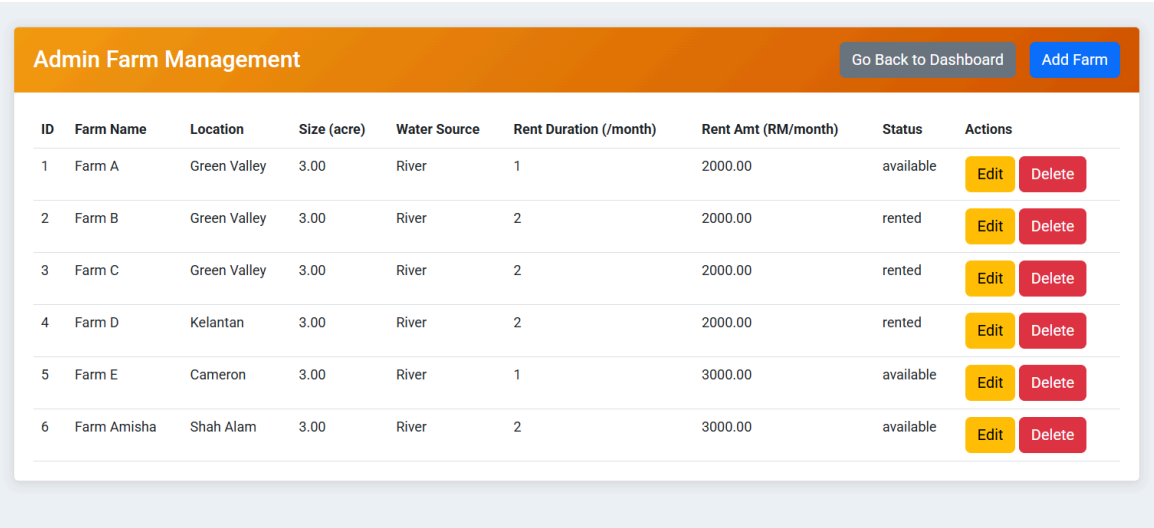
Farmer Management

Go Back to Dashboard | Add Farmer

ID	Name	Email	Password	Phone	Address	Actions
1	Ali Bin Ahmad	ali.ahmad@example.com	hashed_password_1	0123456789	Kampung Baru, Kuala Lumpur	Edit Delete
2	Siti Nur Aisyah	siti.aisyah@example.com	hashed_password_2	0139876543	Taman Melawati, Selangor	Edit Delete
3	Rahim Abdullah	rahim.abdullah@example.com	hashed_password_3	0171234567	Bukit Mertajam, Penang	Edit Delete
5	Zulkifli Hamzah	zul.hamzah@example.com	hashed_password_5	0183344556	Ipoh, Perak	Edit Delete
6	Winne	winne@gmail.com	winne123	0138766109	Sarawak	Edit Delete

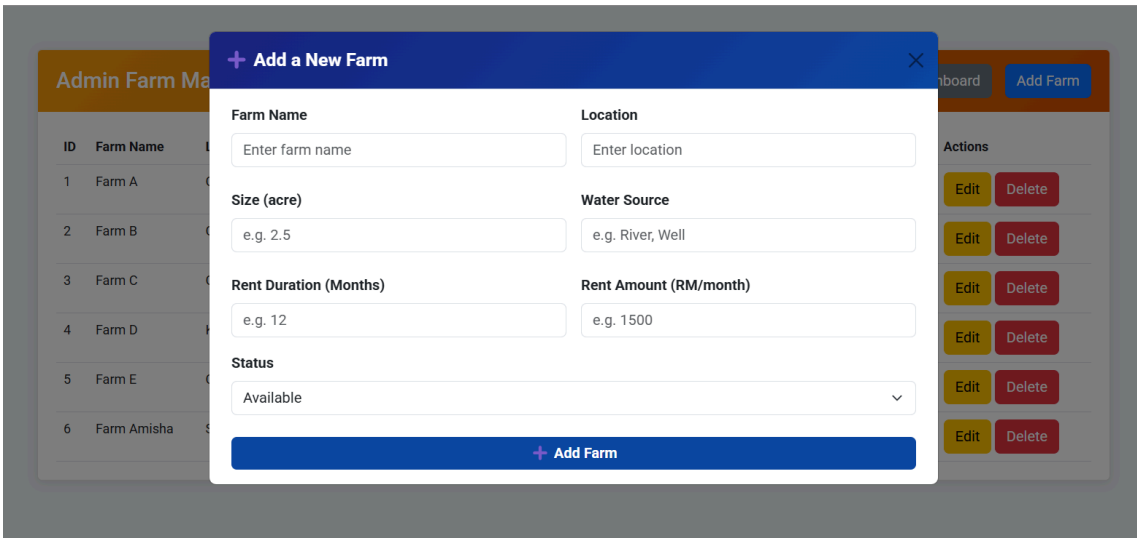
b. Admin Farm Management

Admin Farm Management Page	
1.	Click on the "**Farm Management"** button in the dashboard. Then the admin will be redirected to the farm management page.

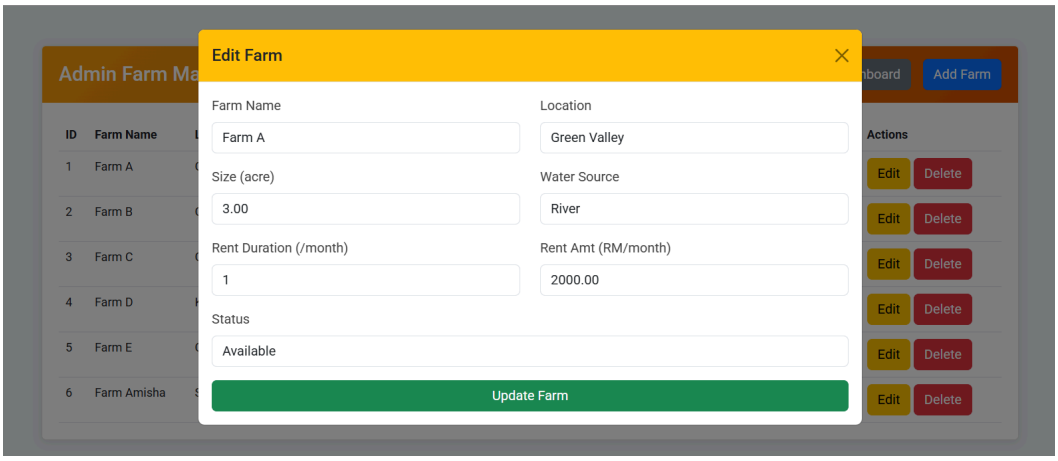


ID	Farm Name	Location	Size (acre)	Water Source	Rent Duration (/month)	Rent Amt (RM/month)	Status	Actions
1	Farm A	Green Valley	3.00	River	1	2000.00	available	Edit Delete
2	Farm B	Green Valley	3.00	River	2	2000.00	rented	Edit Delete
3	Farm C	Green Valley	3.00	River	2	2000.00	rented	Edit Delete
4	Farm D	Kelantan	3.00	River	2	2000.00	rented	Edit Delete
5	Farm E	Cameron	3.00	River	1	3000.00	available	Edit Delete
6	Farm Amisha	Shah Alam	3.00	River	2	3000.00	available	Edit Delete

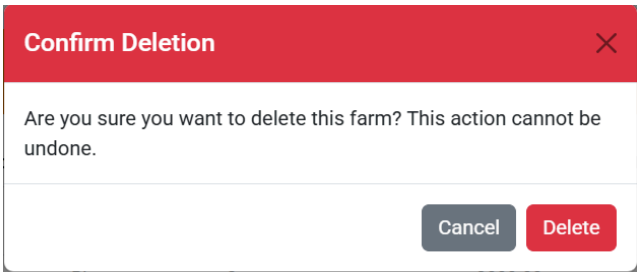
2.	To add a new farm, click on "**Add Farm**" button, and it will pop up a form to fill all informations: ● Farm Name ● Location ● Size (acre) ● Water Source ● Rent Duration (in months) ● Rent Amount (in months) ● Status (Available or Rented)



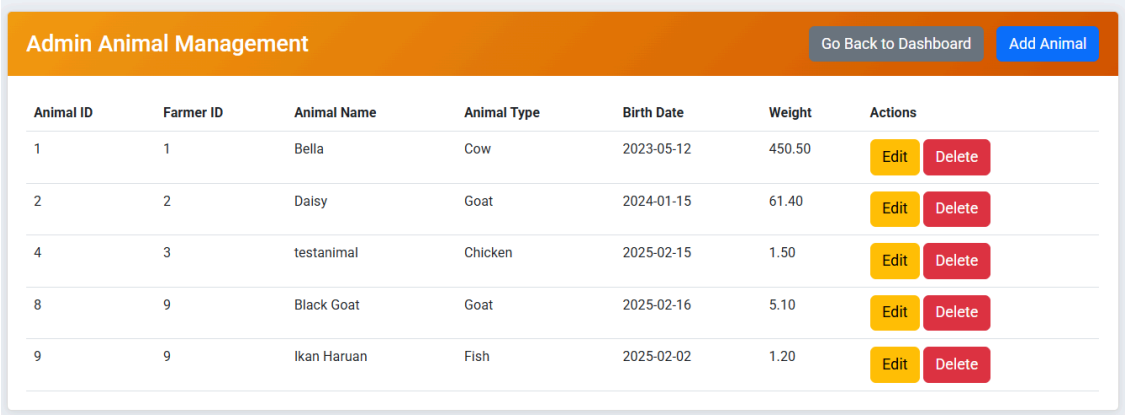
3.	Click on the "**Add Farm**" button, and it will successfully add a new farm to promote available plots for rent to farmers on the 'Farmer Dashboard.
4.	To edit farmer details: ● Click on the "**Edit**" button in the action column.

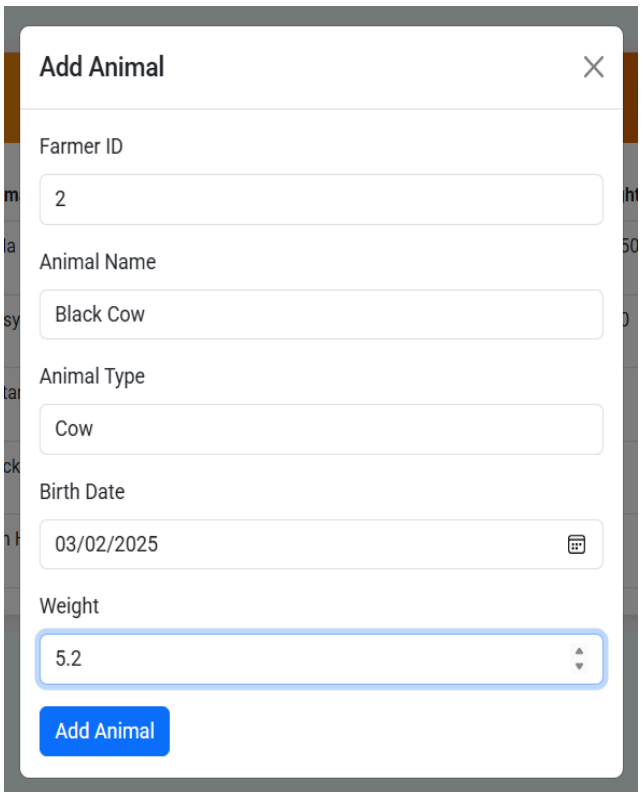


5.	Click on the "**Update Farm**" button, and it will successfully update the data that you wanted to edit.

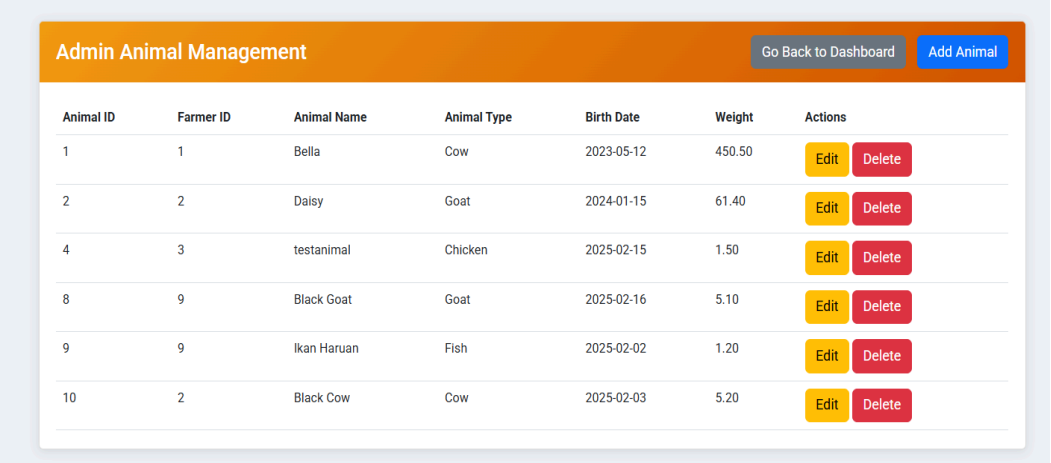
6.	To delete a farm record: ● Locate the specific farm in the list. ● Click the "**Delete**" button in the Action column. ● Confirm the deletion when prompted.  ● The selected farmer record will be permanently removed.

c. Admin Animal Management

Animal List - Admin Animal Management page	
1.	Click on the "**Animal List**" in the Animal Management sidebar of the admin dashboard. This will direct you to the **admin animal management page**.
2.	This page displays a list of all registered animals, including details such as: ● Animal ID ● Farmer ID ● Animal Name ● Animal Type ● Birth Date ● Weight
	
3.	To add a new animal, click on "**Add Animal**" button, and it will pop up a form to fill all informations: ● Enter the farmer id. ● Enter the animal name. ● Enter birth date. ● Enter weight.



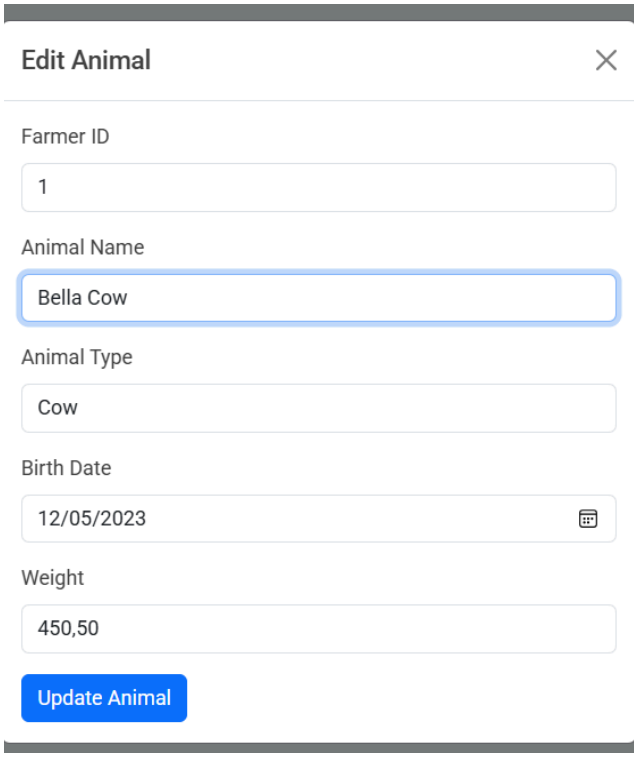
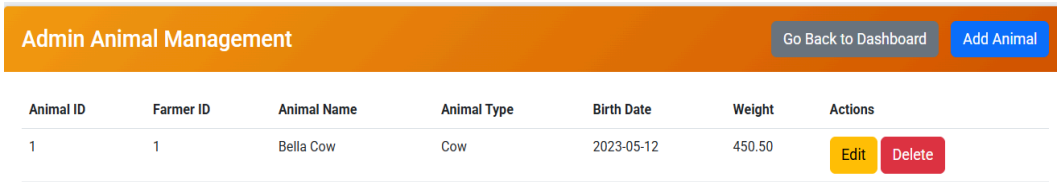
4.	Click on the "**Add Animal**" button. The newly added animal information will be displayed.



Animal ID	Farmer ID	Animal Name	Animal Type	Birth Date	Weight	Actions
1	1	Bella	Cow	2023-05-12	450.50	Edit Delete
2	2	Daisy	Goat	2024-01-15	61.40	Edit Delete
4	3	testanimal	Chicken	2025-02-15	1.50	Edit Delete
8	9	Black Goat	Goat	2025-02-16	5.10	Edit Delete
9	9	Ikan Haruan	Fish	2025-02-02	1.20	Edit Delete
10	2	Black Cow	Cow	2025-02-03	5.20	Edit Delete

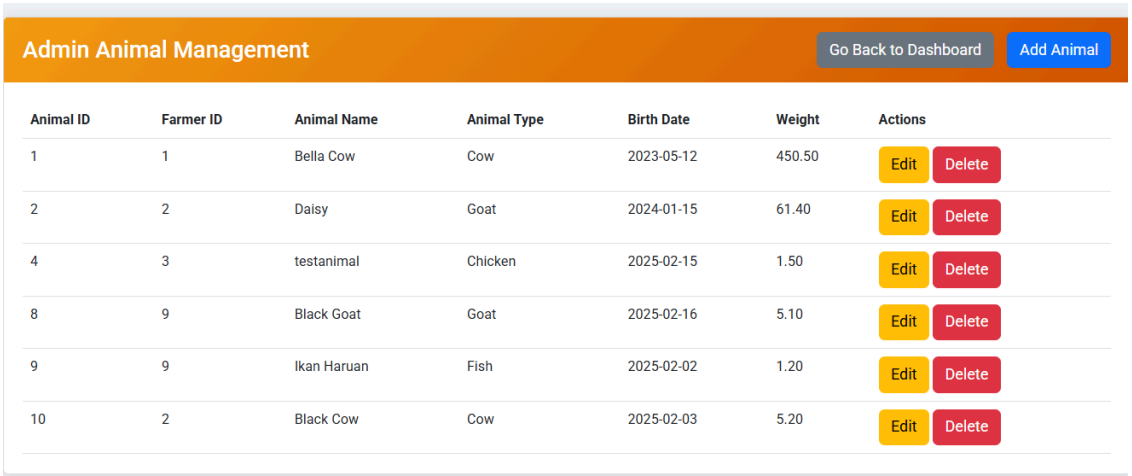
5.	To edit record: ● Click on the "Edit" button in the action column. ● For example, we can edit the data in row 1

	● In edit form, it has:
	  ● Farmer ID
	  ● Animal Name
	  ● Animal Type
	  ● Birth Date
	  ● Weight

	
6.	Click on the "**Update Animal**" button, and it will successfully update the data that you wanted to edit.
	
7.	To delete an animal record: ● Locate the specific animal in the list.

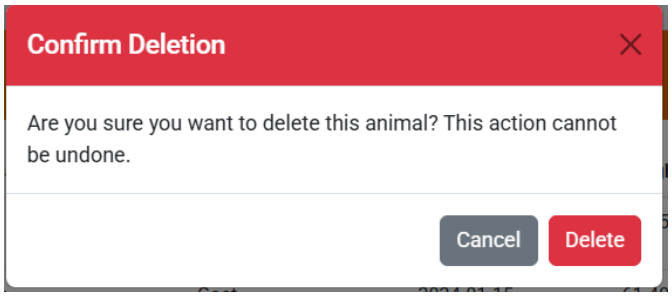
	• Click the “Delete” button in the Action column. • Confirm the deletion when prompted. • The selected animal record will be permanently removed.

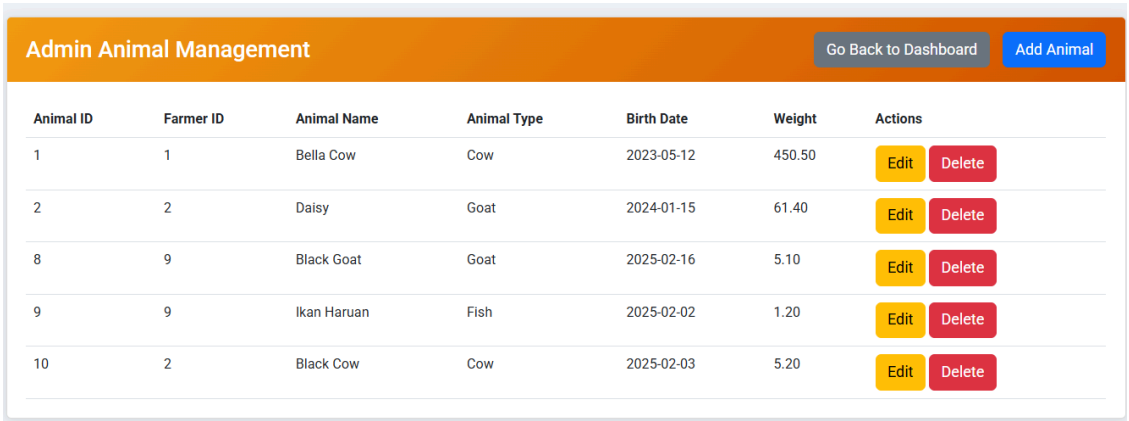
- **Before deleting animal ID = 4**



Animal ID	Farmer ID	Animal Name	Animal Type	Birth Date	Weight	Actions
1	1	Bella Cow	Cow	2023-05-12	450.50	Edit Delete
2	2	Daisy	Goat	2024-01-15	61.40	Edit Delete
4	3	testanimal	Chicken	2025-02-15	1.50	Edit Delete
8	9	Black Goat	Goat	2025-02-16	5.10	Edit Delete
9	9	Ikan Haruan	Fish	2025-02-02	1.20	Edit Delete
10	2	Black Cow	Cow	2025-02-03	5.20	Edit Delete

- **After deleting animal ID = 4**

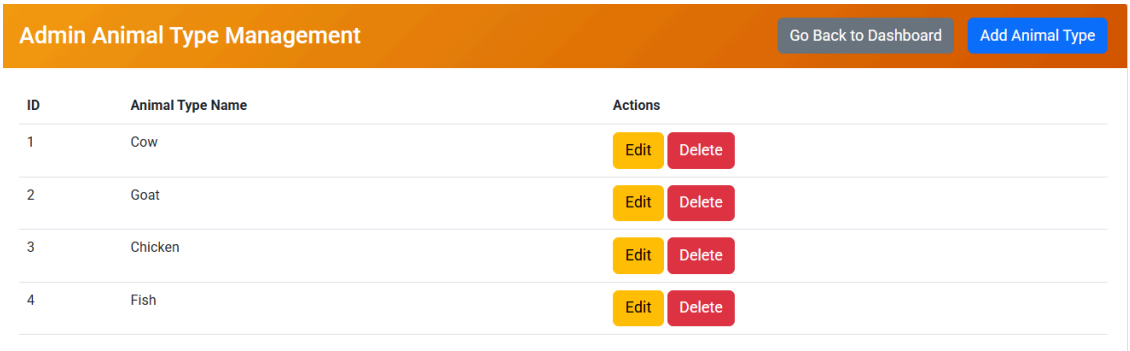




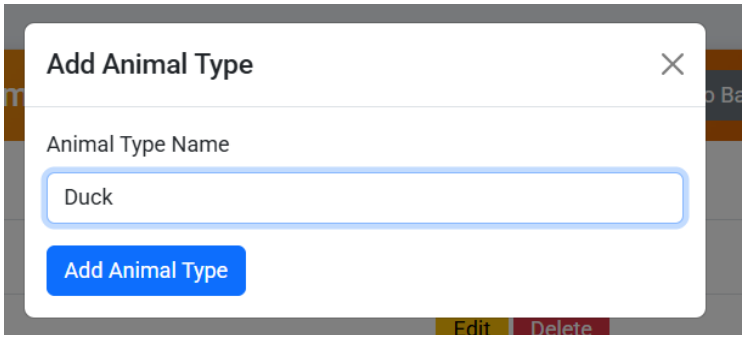
Animal ID	Farmer ID	Animal Name	Animal Type	Birth Date	Weight	Actions
1	1	Bella Cow	Cow	2023-05-12	450.50	Edit Delete
2	2	Daisy	Goat	2024-01-15	61.40	Edit Delete
8	9	Black Goat	Goat	2025-02-16	5.10	Edit Delete
9	9	Ikan Haruan	Fish	2025-02-02	1.20	Edit Delete
10	2	Black Cow	Cow	2025-02-03	5.20	Edit Delete

d. Admin Animal Type Management

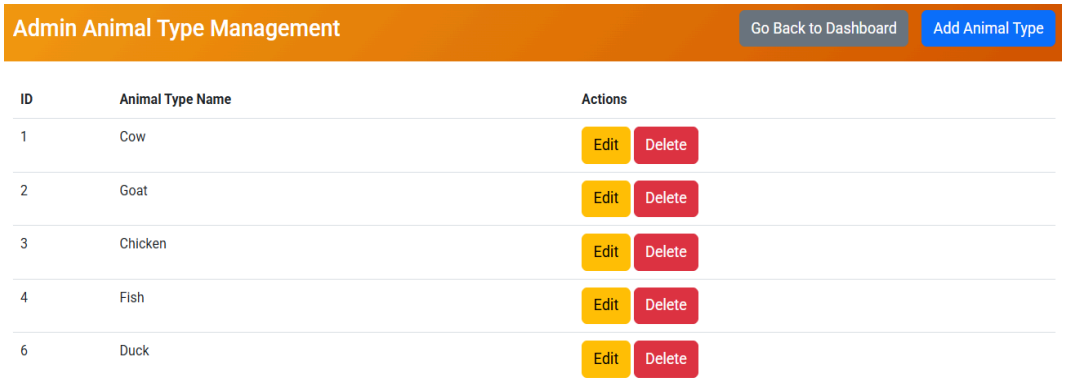
Animal Types - Admin Animal Type Management page	
1.	Click on the "**Animal Types**" in the Animal Management sidebar of the admin dashboard. This will direct you to the **Admin Animal Type Management page.**
2.	This page displays a list of all registered animal type, including details such as: ● ID ● Animal Type Name



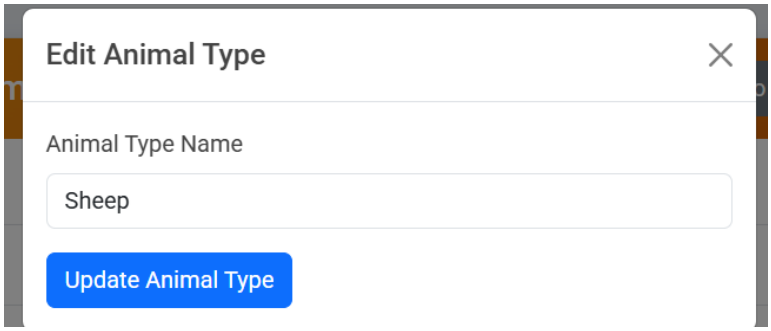
3.	To add a new animal, click on "**Add Animal Type**" button, and it will pop up a form to fill all informations: ● Enter animal type name.



4.	Click on the "**Add Animal Type**" button. The newly added animal type information will be displayed.



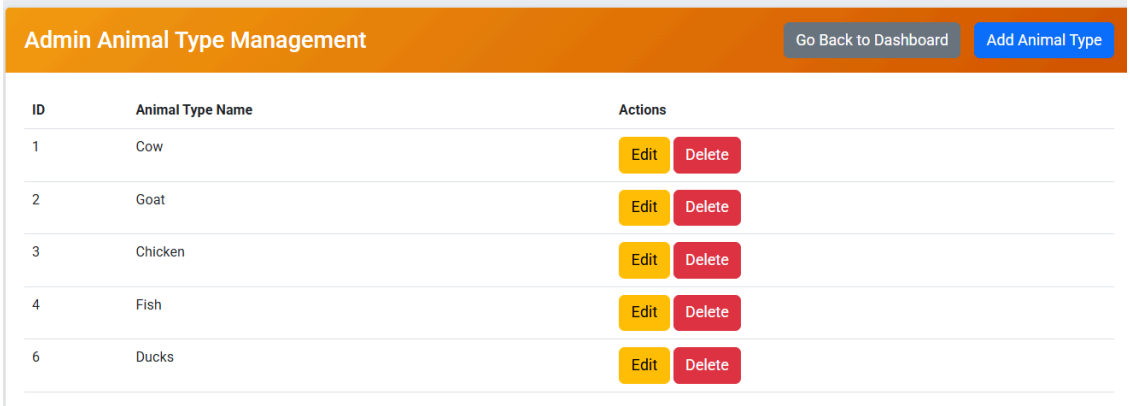
5.	To edit the type of animal record: ● Click on the "**Edit**" button in the action column. ● For example, we can edit the data in row 5 which "**Duck**" ● In edit form, it has: ● Animal Type Name



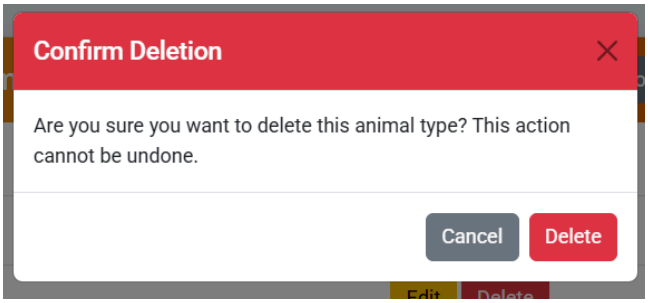
8.	Click on the "**Update Animal Type**" button, and it will successfully update the data that you wanted to edit.

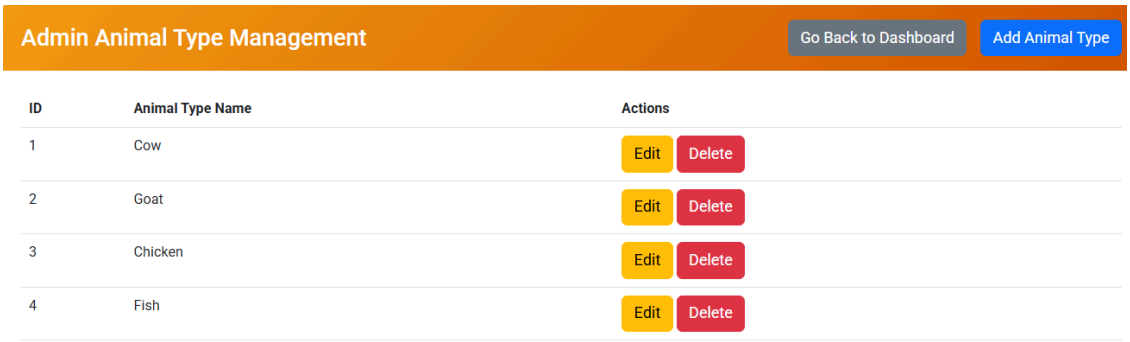
9.	To delete an animal type record: ● Locate the specific animal in the list. ● Click the "**Delete**" button in the Action column. ● Confirm the deletion when prompted. ● The selected animal record will be permanently removed.

- **Before deleting animal type name = Ducks**



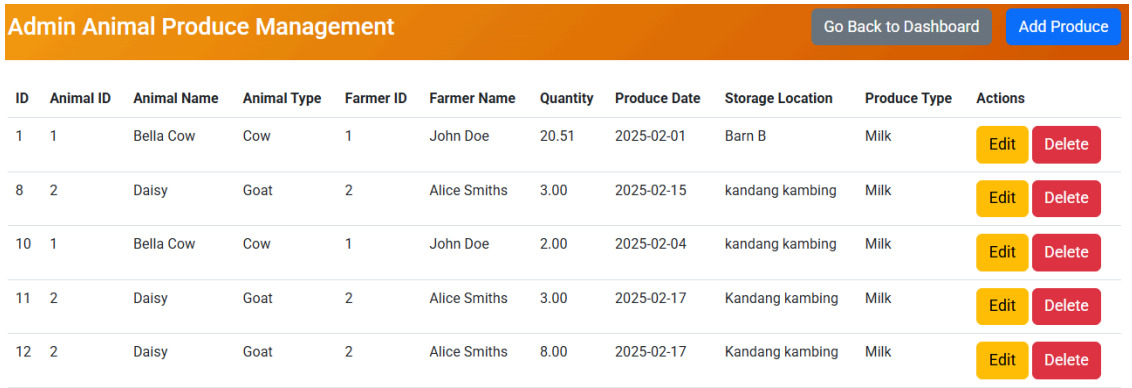
- **After deleting animal type name = Ducks**





e. Admin Animal Produce Management

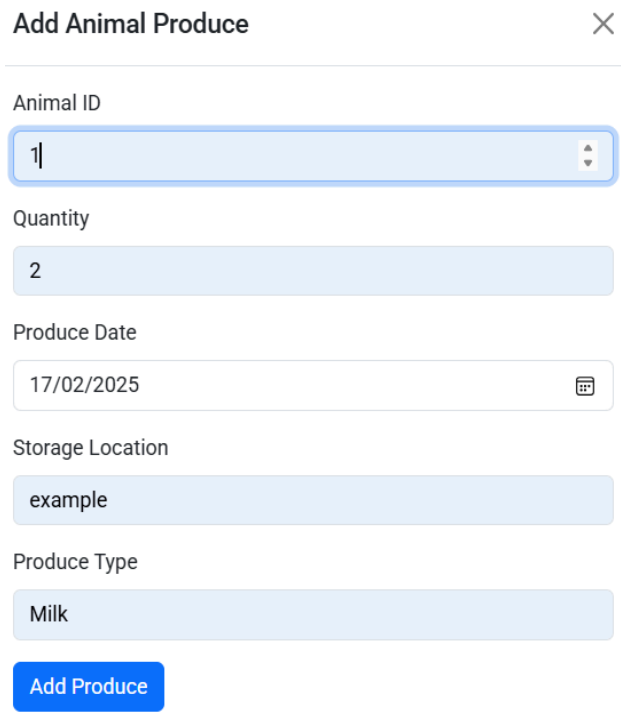
Animal Produce - Admin Animal Produce Management page	
1.	Click on the "**Animal Produce**" in the Animal Management sidebar of the admin dashboard. This will direct you to the **admin animal produce management page**.
2.	This page displays a list of all registered animals produce, including details such as: ● Animal ID ● Animal Name ● Farmer ID ● Farmer Name ● Quantity ● Produce Date ● Storage Location ● Produce Type



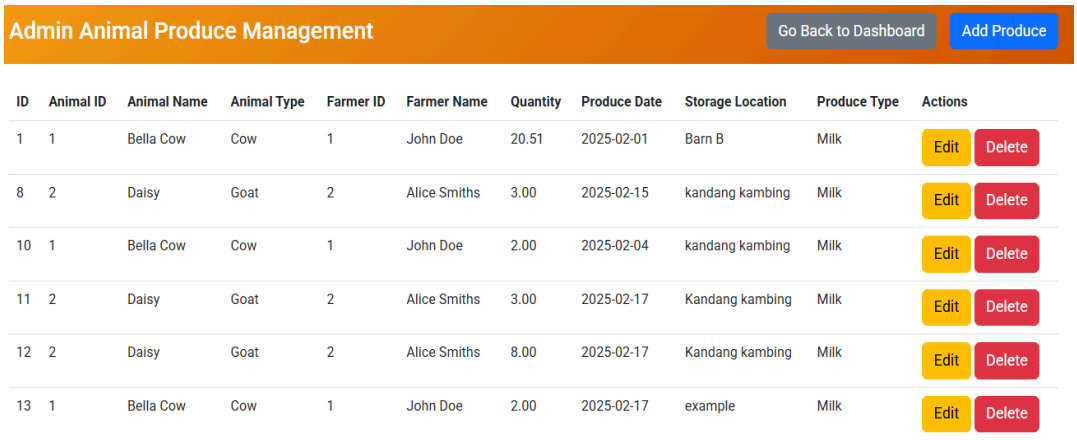
ID	Animal ID	Animal Name	Animal Type	Farmer ID	Farmer Name	Quantity	Produce Date	Storage Location	Produce Type	Actions
1	1	Bella Cow	Cow	1	John Doe	20.51	2025-02-01	Barn B	Milk	Edit Delete
8	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-15	kandang kambing	Milk	Edit Delete
10	1	Bella Cow	Cow	1	John Doe	2.00	2025-02-04	kandang kambing	Milk	Edit Delete
11	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-17	Kandang kambing	Milk	Edit Delete
12	2	Daisy	Goat	2	Alice Smiths	8.00	2025-02-17	Kandang kambing	Milk	Edit Delete

3.	To add a new animal, click on "**Add Produce**" button, and it will pop up a form to fill all informations: ● Enter animal id. ● Enter quantity. ● Enter storage location.

	● Enter product type.



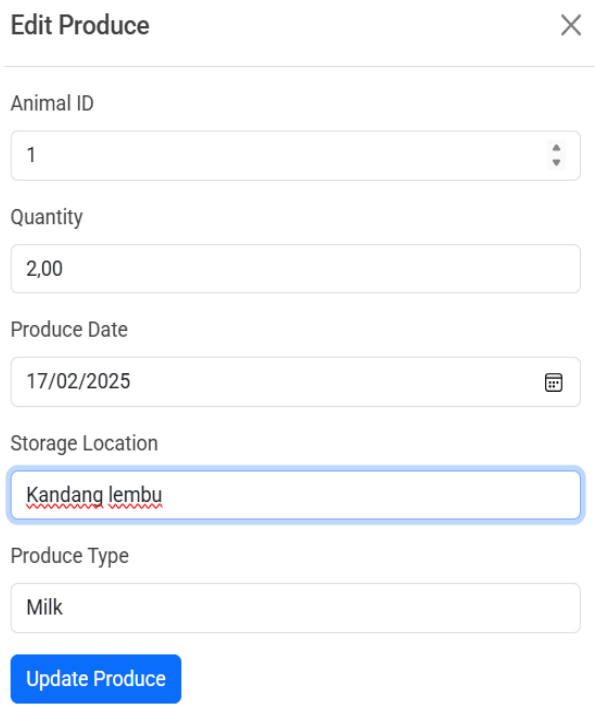
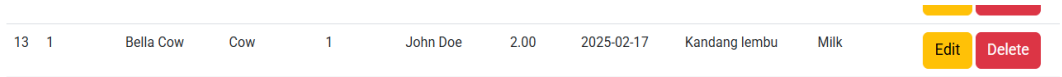
4.	Click on the "**Add Animal**" button. The newly added animal information will be displayed.



ID	Animal ID	Animal Name	Animal Type	Farmer ID	Farmer Name	Quantity	Produce Date	Storage Location	Produce Type	Actions
1	1	Bella Cow	Cow	1	John Doe	20.51	2025-02-01	Barn B	Milk	Edit Delete
8	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-15	kandang kambing	Milk	Edit Delete
10	1	Bella Cow	Cow	1	John Doe	2.00	2025-02-04	kandang kambing	Milk	Edit Delete
11	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-17	Kandang kambing	Milk	Edit Delete
12	2	Daisy	Goat	2	Alice Smiths	8.00	2025-02-17	Kandang kambing	Milk	Edit Delete
13	1	Bella Cow	Cow	1	John Doe	2.00	2025-02-17	example	Milk	Edit Delete

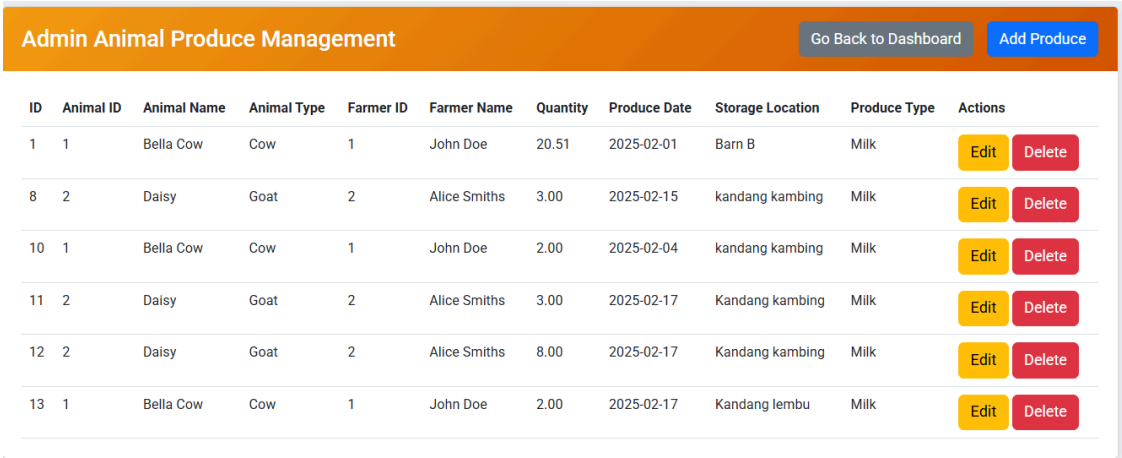
5.	To edit record: ● Click on the "**Edit**" button in the action column. ● For example, we can edit the data in ID = 13

	● In edit form, it has:
	  ● Animal ID
	  ● Quantity
	  ● Produce Date
	  ● Produce Type

	
6.	Click on the "**Update Produce**" button, and it will successfully update the data that you wanted to edit.
	

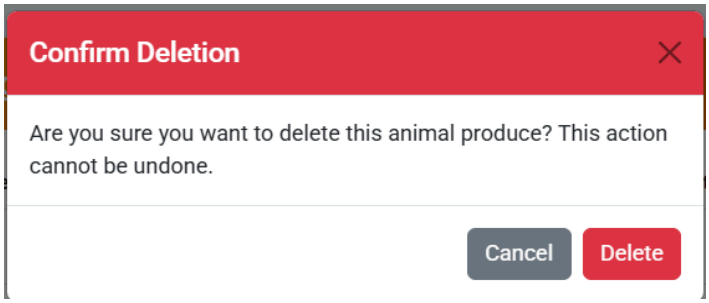
7.	To delete an animal record:
	  ● Locate the specific animal produced in the list.
	  ● Click the "**Delete**" button in the Action column.
	  ● Confirm the deletion when prompted.
	  ● The selected animal record will be permanently removed.

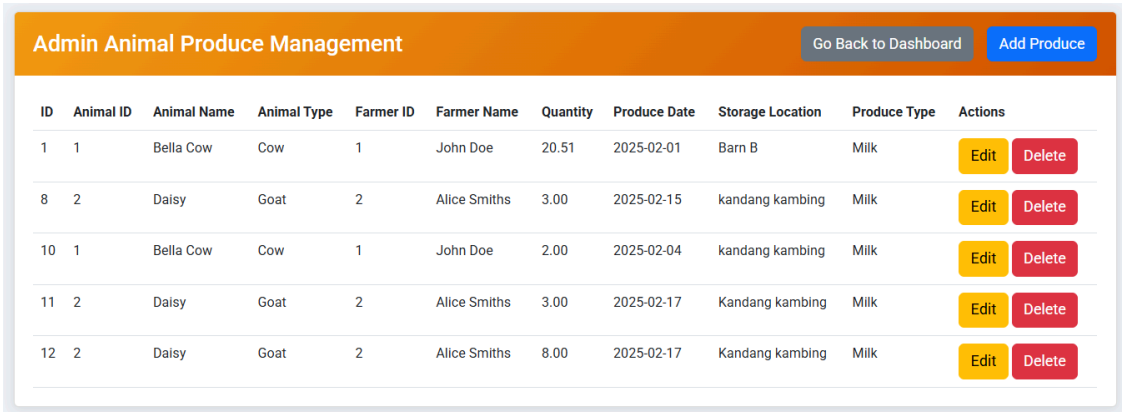
- **Before deleting ID = 13**



ID	Animal ID	Animal Name	Animal Type	Farmer ID	Farmer Name	Quantity	Produce Date	Storage Location	Produce Type	Actions
1	1	Bella Cow	Cow	1	John Doe	20.51	2025-02-01	Barn B	Milk	Edit Delete
8	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-15	kandang kambing	Milk	Edit Delete
10	1	Bella Cow	Cow	1	John Doe	2.00	2025-02-04	kandang kambing	Milk	Edit Delete
11	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-17	Kandang kambing	Milk	Edit Delete
12	2	Daisy	Goat	2	Alice Smiths	8.00	2025-02-17	Kandang kambing	Milk	Edit Delete
13	1	Bella Cow	Cow	1	John Doe	2.00	2025-02-17	Kandang lembu	Milk	Edit Delete

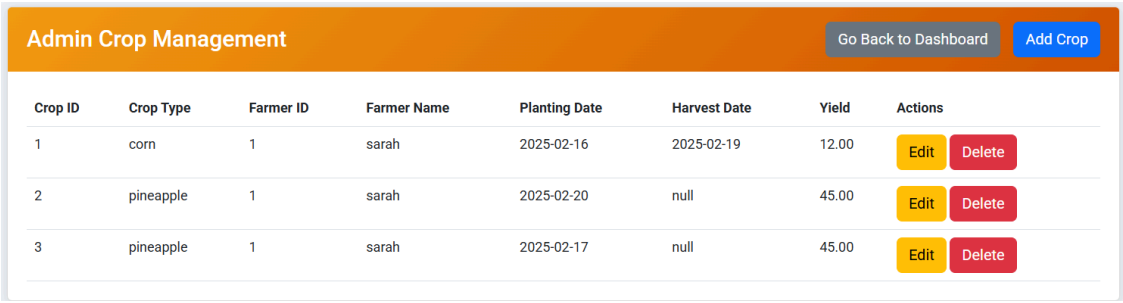
- **After deleting ID = 13**

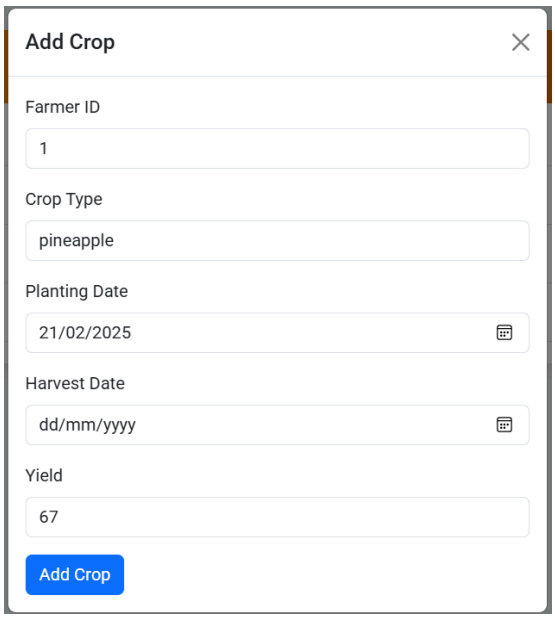




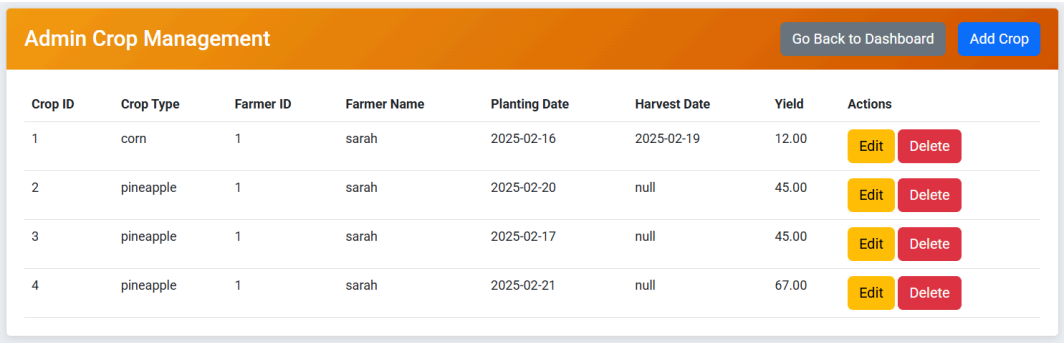
ID	Animal ID	Animal Name	Animal Type	Farmer ID	Farmer Name	Quantity	Produce Date	Storage Location	Produce Type	Actions
1	1	Bella Cow	Cow	1	John Doe	20.51	2025-02-01	Barn B	Milk	Edit Delete
8	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-15	kandang kambing	Milk	Edit Delete
10	1	Bella Cow	Cow	1	John Doe	2.00	2025-02-04	kandang kambing	Milk	Edit Delete
11	2	Daisy	Goat	2	Alice Smiths	3.00	2025-02-17	Kandang kambing	Milk	Edit Delete
12	2	Daisy	Goat	2	Alice Smiths	8.00	2025-02-17	Kandang kambing	Milk	Edit Delete

f. Admin Crop Management

Crop List - Admin Crops Management page	
1.	Click on the "**CropList**" in the Crop Management sidebar of the admin dashboard. This will direct you to the **admin crop management page**.
2.	This page displays a list of all registered crops, including details such as: ● Crop ID ● Crop Type ● Farmer ID ● Farmer Name ● Planting Date ● Harvest Date ● Yield
	
3.	To add a new animal, click on "**Add Crop**" button, and it will pop up a form to fill all informations: ● Enter Farmer id ● Enter the crop type. ● Select the planting date and harvest date (if have). ● Enter the weight of yield



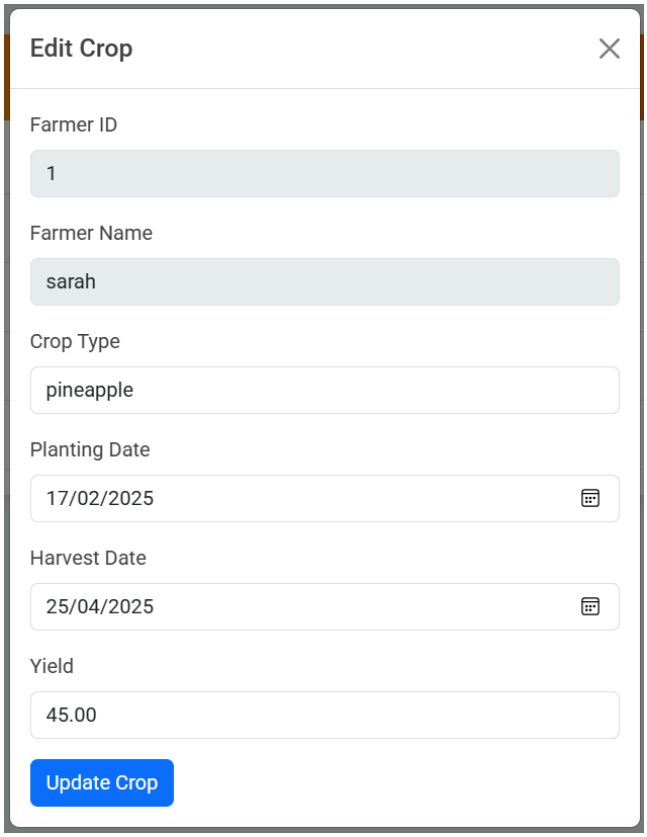
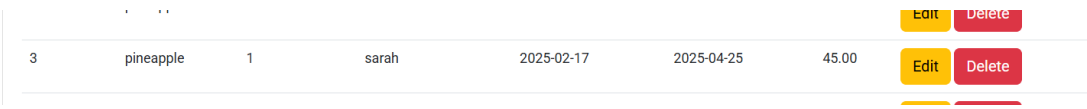
4.	Click on the "**Add Crop**" button. The newly added Crop information will be displayed.



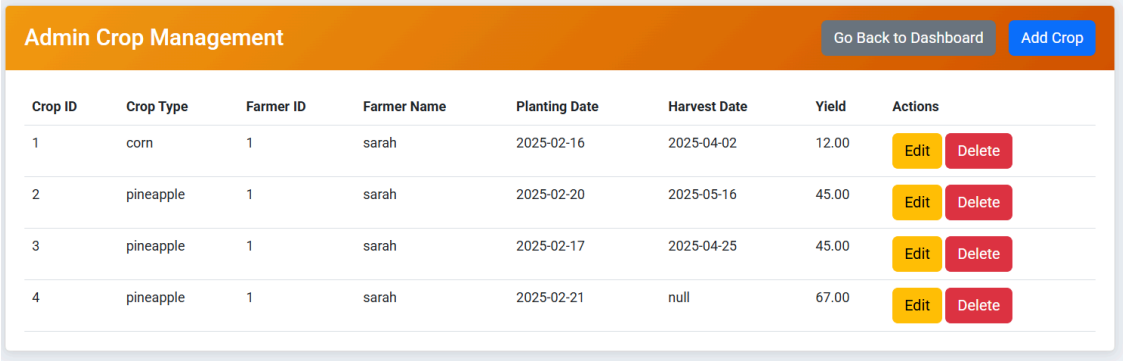
Crop ID	Crop Type	Farmer ID	Farmer Name	Planting Date	Harvest Date	Yield	Actions
1	corn	1	sarah	2025-02-16	2025-02-19	12.00	Edit Delete
2	pineapple	1	sarah	2025-02-20	null	45.00	Edit Delete
3	pineapple	1	sarah	2025-02-17	null	45.00	Edit Delete
4	pineapple	1	sarah	2025-02-21	null	67.00	Edit Delete

5. To edit record:

- Click on the "Edit" button in the action column.
- For example, we can edit the data in row 3
- In edit form, it has:
  - Farmer ID
  - Farmer Name
  - Crop Type
  - Planting Date

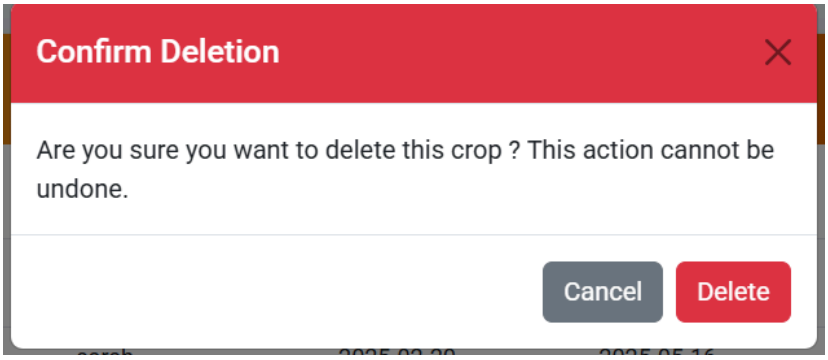
	• Harvest Date • Yield
	
6.	Click on the "**Update Crop**" button, and it will successfully update the data that you wanted to edit.
	
7.	To delete an crop record: • Locate the specific crop in the list. • Click the "Delete" button in the Action column. • Confirm the deletion when prompted. • The selected crop record will be permanently removed.

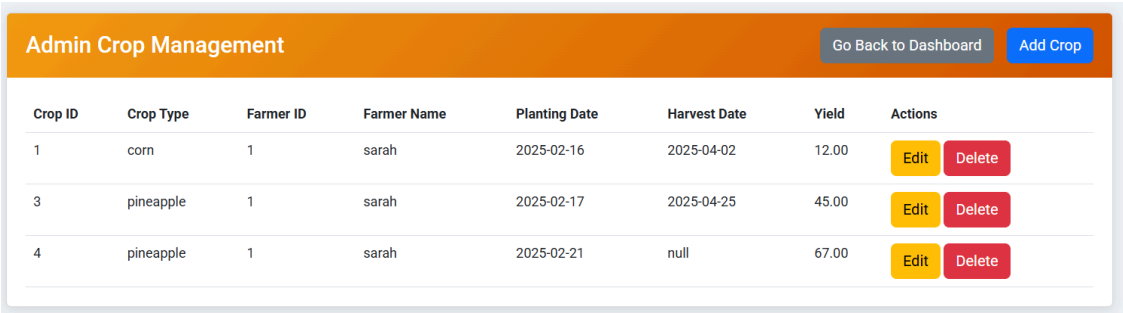
- **Before deleting crop ID = 2**



Crop ID	Crop Type	Farmer ID	Farmer Name	Planting Date	Harvest Date	Yield	Actions
1	corn	1	sarah	2025-02-16	2025-04-02	12.00	Edit Delete
2	pineapple	1	sarah	2025-02-20	2025-05-16	45.00	Edit Delete
3	pineapple	1	sarah	2025-02-17	2025-04-25	45.00	Edit Delete
4	pineapple	1	sarah	2025-02-21	null	67.00	Edit Delete

- **After deleting animal ID = 3**

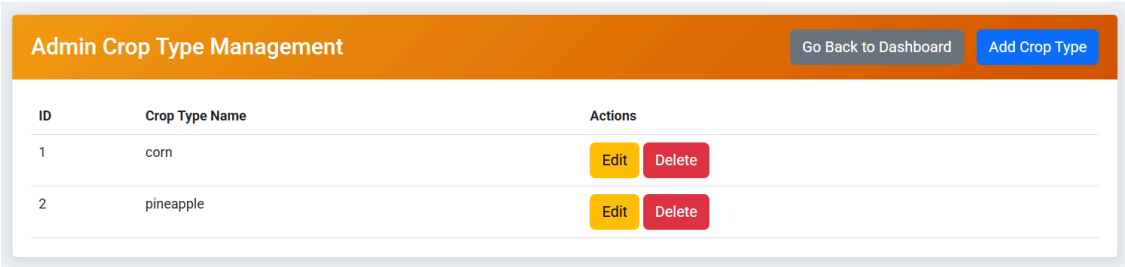
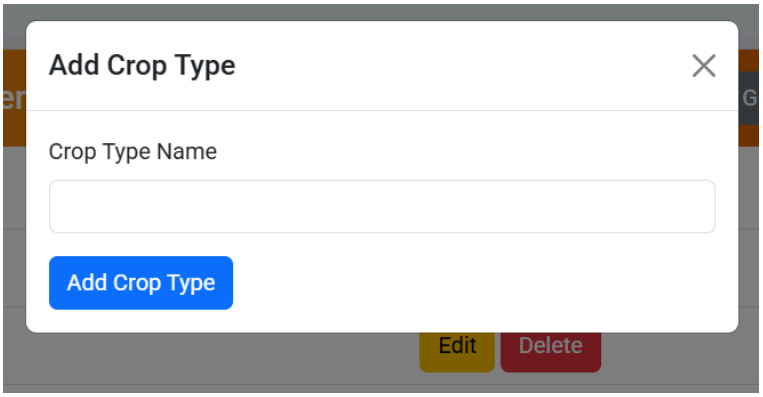


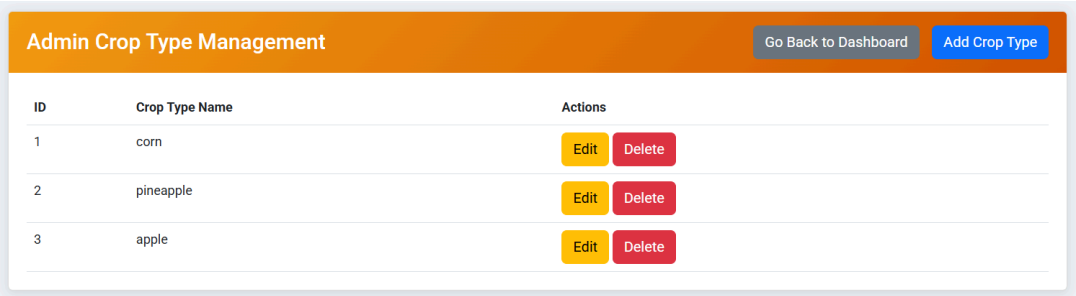


Crop ID	Crop Type	Farmer ID	Farmer Name	Planting Date	Harvest Date	Yield	Actions
1	corn	1	sarah	2025-02-16	2025-04-02	12.00	Edit Delete
3	pineapple	1	sarah	2025-02-17	2025-04-25	45.00	Edit Delete
4	pineapple	1	sarah	2025-02-21	null	67.00	Edit Delete

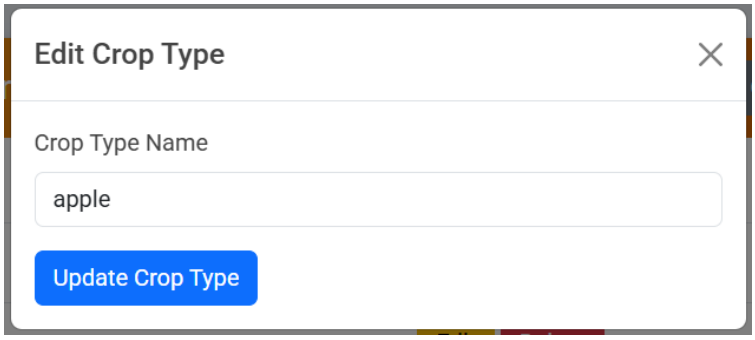
.

g. Admin Crop Type Management

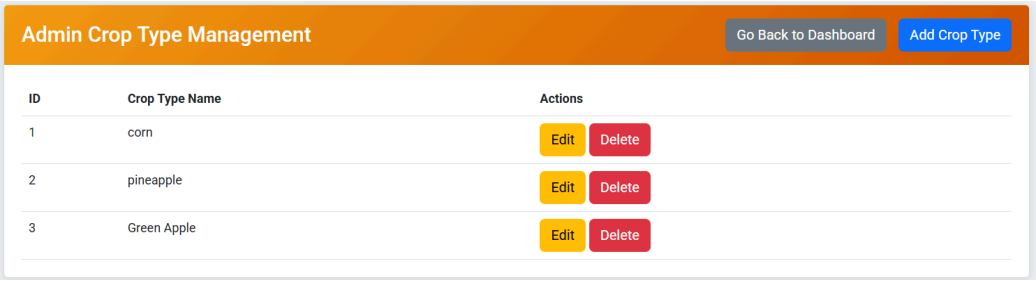
Crop Types - AdminCrop Type Management page	
1.	Click on the "**Crop Types**" in the Crop Management sidebar of the admin dashboard. This will direct you to the **Admin Crop Type Management page.**
2.	This page displays a list of all registered animal type, including details such as: ● ID ● Crop Type Name
	
3.	To add a new crop, click on "**Add Crop Type**" button, and it will pop up a form to fill all informations: ● Enter crop type name.
	
4.	Click on the "**Add Crop Type**" button. The newly added animal type information will be displayed.



5.	To edit record: ● Click on the "**Edit**" button in the action column. ● For example, we can edit the data in row 3 which "**apple**" ● In edit form, it has: ● Crop Type Name



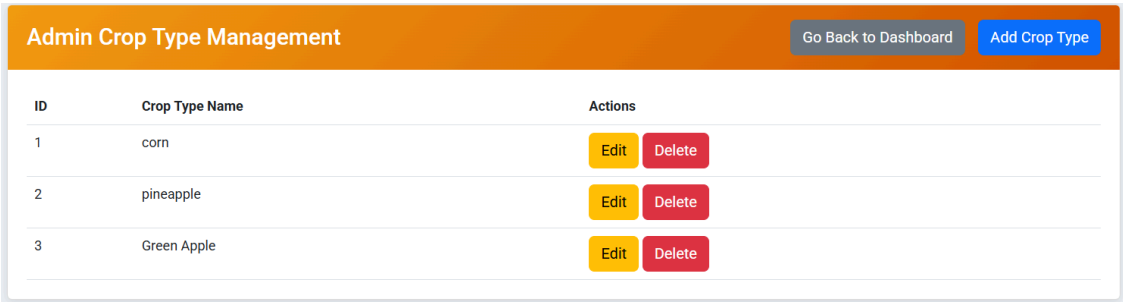
6.	Click on the "**Update Crop Type**" button, and it will successfully update the data that you wanted to edit.



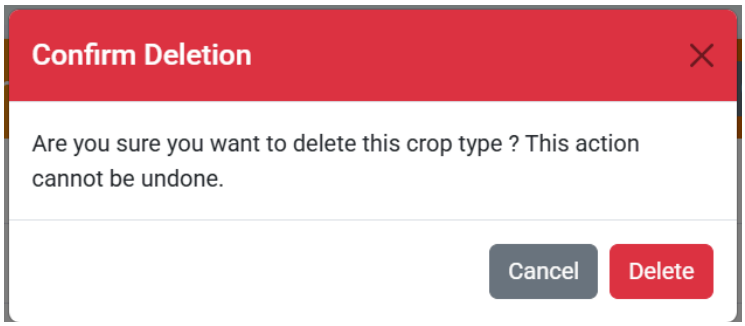
7.	To delete an crop type record: ● Locate the specific crop in the list. ● Click the "**Delete**" button in the Action column.

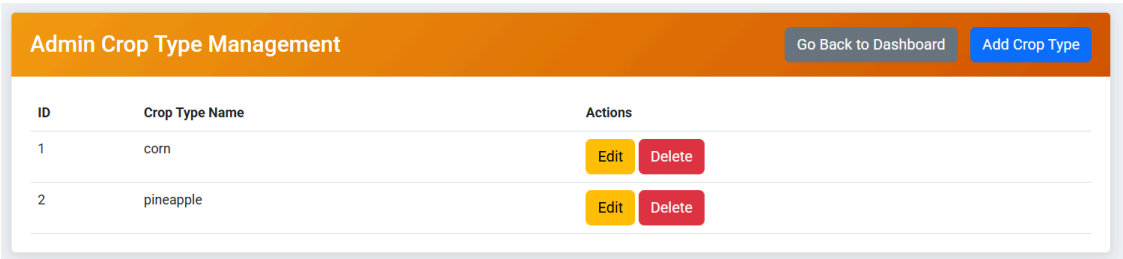
	• Confirm the deletion when prompted. • The selected crop record will be permanently removed.

- **Before deleting crop type name = Green Apple**

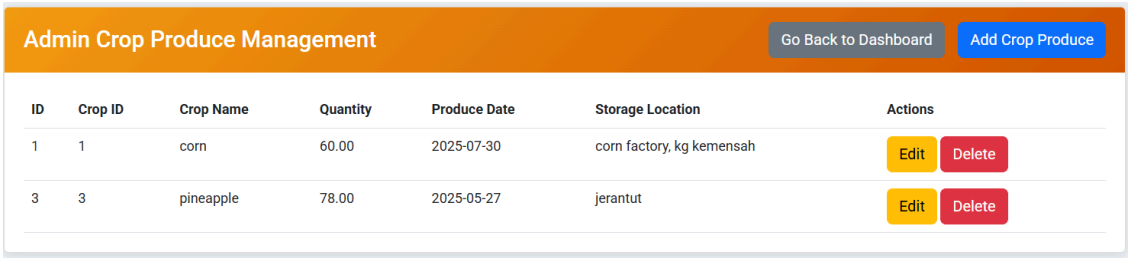


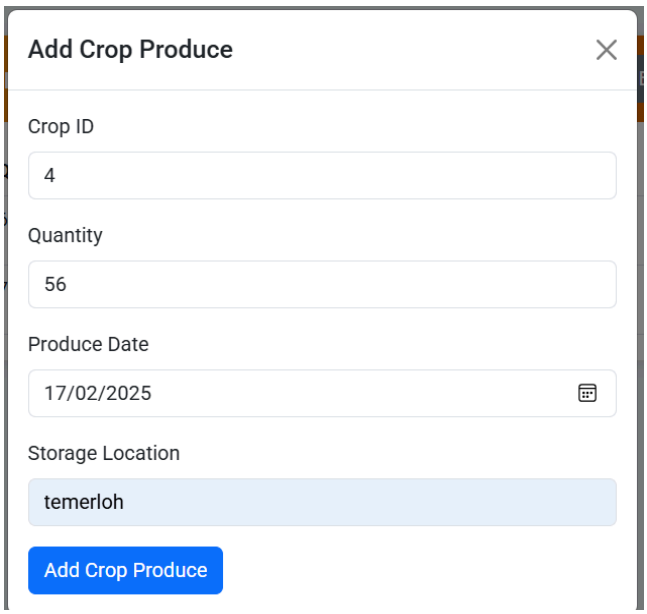
- **After deleting animal type name = Green Apple**



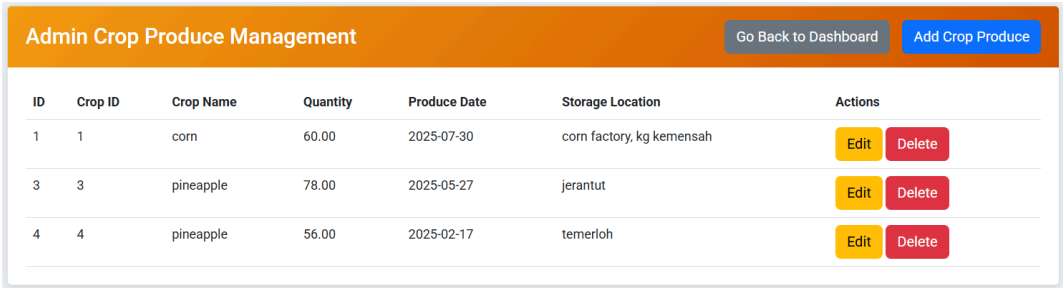


h. Admin Crop Produce Management

Crop Produce - Admin Crop Produce Management page	
1.	Click on the "**Crop Produce**" in the Crop Management sidebar of the admin dashboard. This will direct you to the **admin crop produce management page**.
2.	This page displays a list of all registered crops produce, including details such as: ● Crop ID ● Crop Name ● Quantity ● Produce Date ● Storage Location
	
3.	To add a new crop, click on "**Add Crop Produce**" button, and it will pop up a form to fill all informations: ● Enter crop id. ● Enter quantity. ● Enter storage location. ● Enter product date.

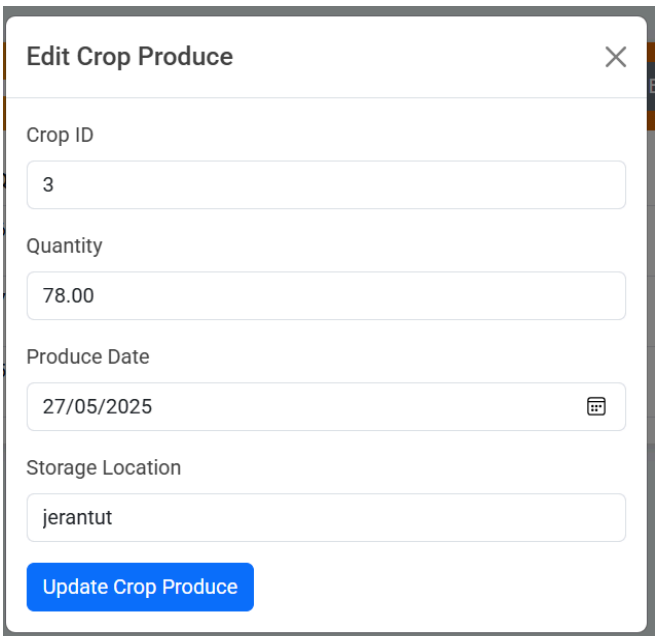


4.	Click on the "**Add Crop Produce**" button. The newly added crop produce information will be displayed.

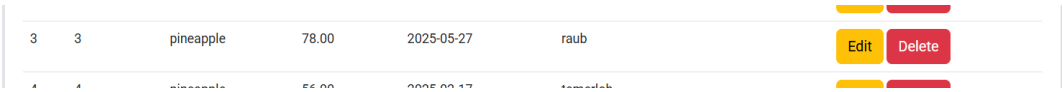


5. To edit record:

- Click on the "**Edit**" button in the action column.
- For example, we can edit the data in ID = 13
- In edit form, it has:
  - Crop ID
  - Quantity
  - Produce Date
  - Storage Location

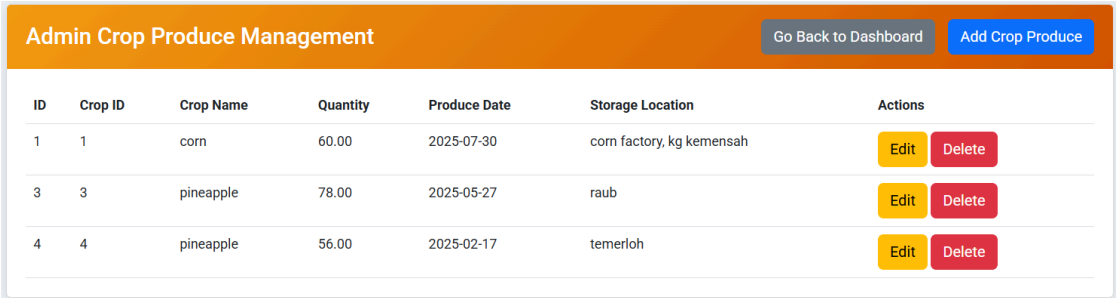


6.	Click on the "**Update Crop Produce**" button, and it will successfully update the data that you wanted to edit.



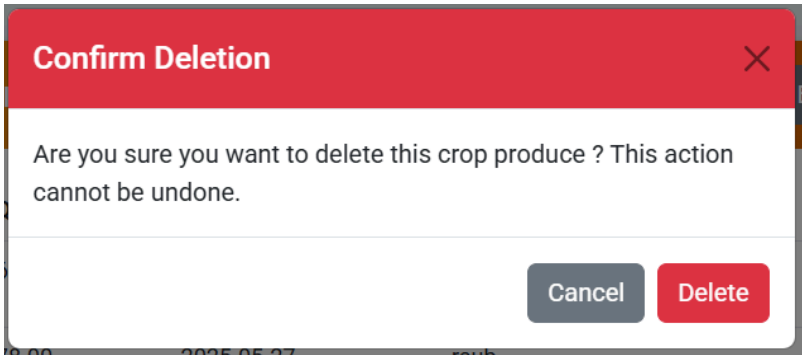
7.	To delete a crop produce record: ● Locate the specific crop produced in the list. ● Click the "**Delete**" button in the Action column. ● Confirm the deletion when prompted. ● The selected crop record will be permanently removed.

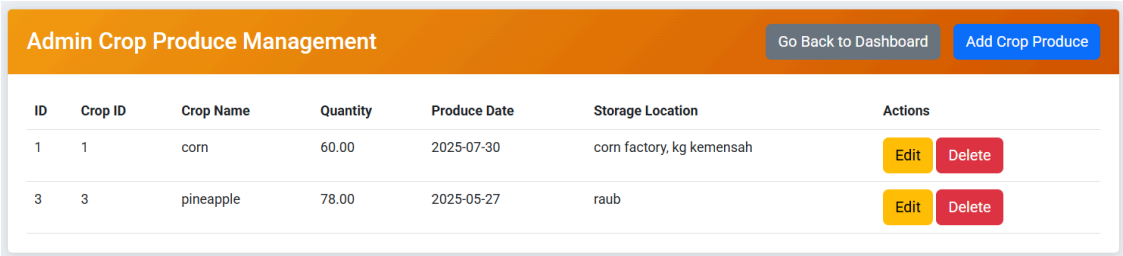
- **Before deleting ID = 4**



ID	Crop ID	Crop Name	Quantity	Produce Date	Storage Location	Actions
1	1	corn	60.00	2025-07-30	corn factory, kg kemensah	Edit Delete
3	3	pineapple	78.00	2025-05-27	raub	Edit Delete
4	4	pineapple	56.00	2025-02-17	temerloh	Edit Delete

- **After deleting ID = 4**

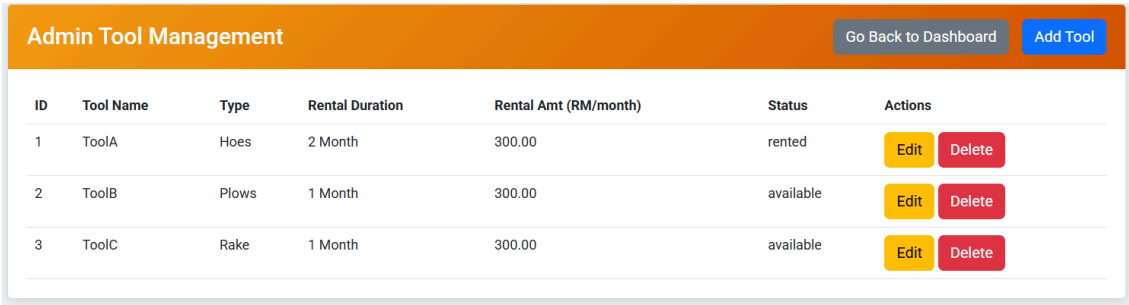




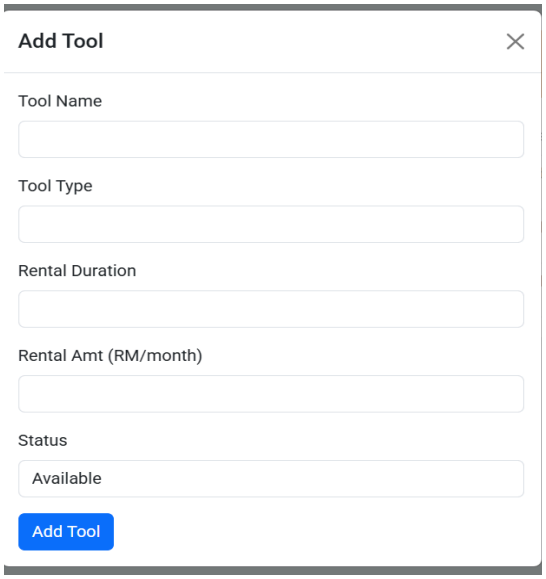
ID	Crop ID	Crop Name	Quantity	Produce Date	Storage Location	Actions
1	1	corn	60.00	2025-07-30	corn factory, kg kemensah	Edit Delete
3	3	pineapple	78.00	2025-05-27	raub	Edit Delete

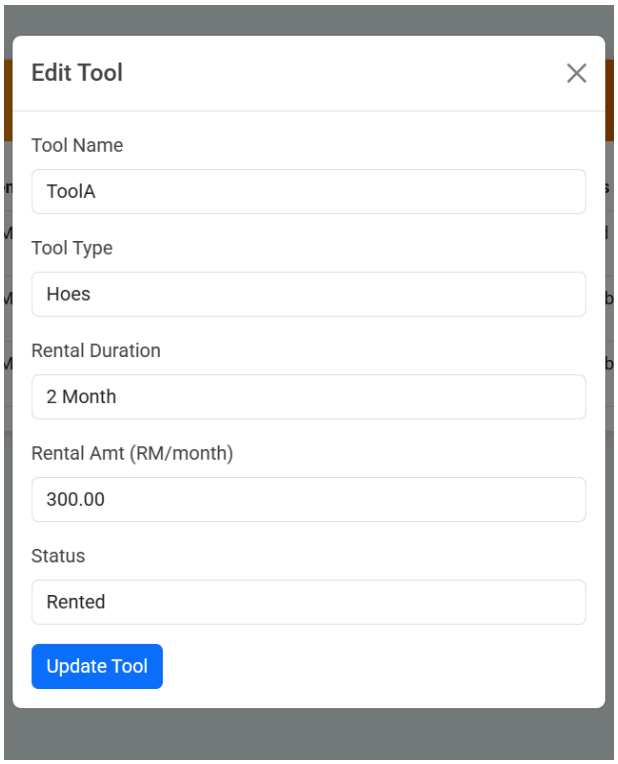
i. Admin Tool Management

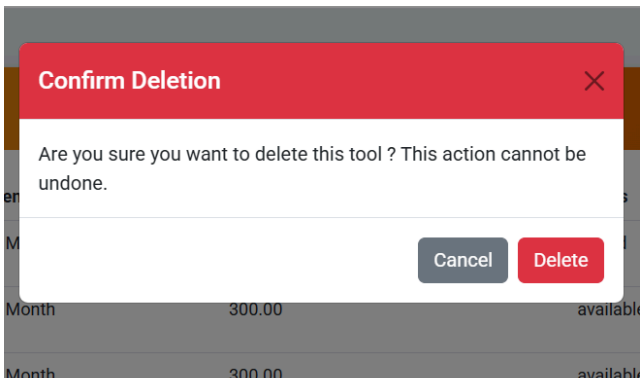
Admin Tool Management Page	
1.	Click on the "**Tool Management**" button in the dashboard. Then the admin will be redirected to the tool management page.



2.	To add a new tool, click on "**Add Tool**" button, and it will pop up a form to fill all informations: ● Tool Name ● Tool Type ● Rental Duration ● Rental Amt (RM/month) ● Status (Available or Rented)



3.	Click on the "**Add Tool**" button, and it will successfully add a new tool to promote available tools for rent to farmers on the 'Farmer Dashboard.
4.	To edit tool details: ● Click on the "**Edit**" button in the action column.
	
5.	Click on the "**Update Tool**" button, and it will successfully update the data that you wanted to edit.
6.	To delete tool record: ● Locate the specific tool in the list. ● Click the "**Delete**" button in the Action column. ● Confirm the deletion when prompted.

	 ● The selected tool record will be permanently removed.

APPENDIX

- Github

https://github.com/WinneBunyau/CFS_PRJ.git