



Farmers App

User Manual By Mthobisi M

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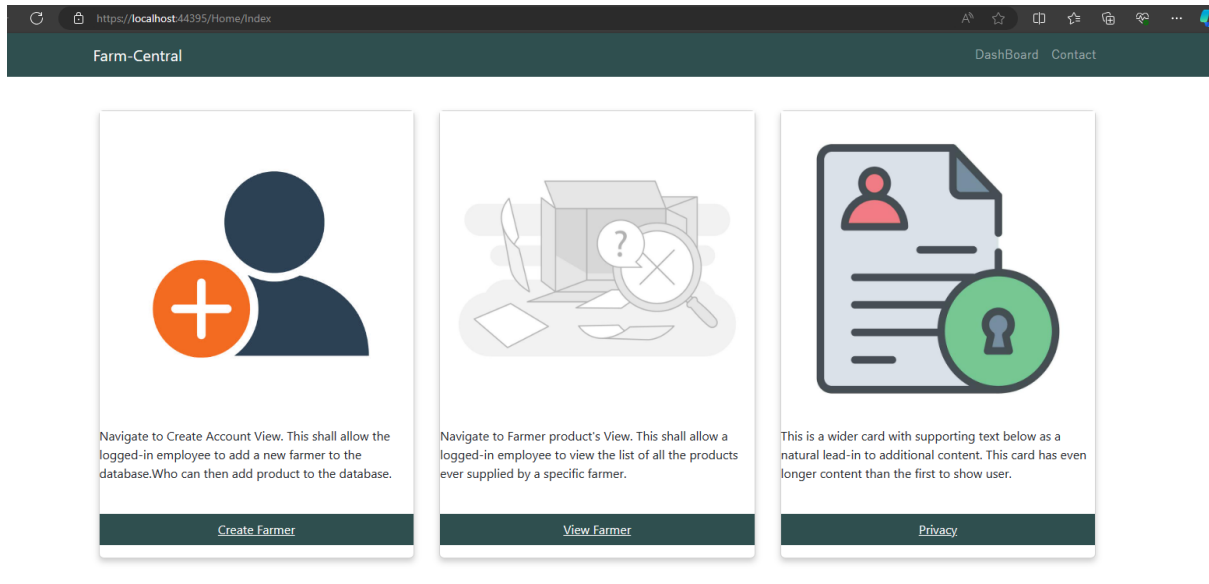
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1. About

This is a MVC Pattern web application, built on the ASP .NET 4.5 Framework. This Application focuses more on assisting administrators or data captures, to perform CRUD operation (Create/Read/Update/Delete) when adding farmers details to the Database. As this application interact with the Microsoft SQL Server Database to store farmers details. The Application also has an embedded google maps on the contact us page to locate our offices for assistance with something regarding applications.

2. Create a new Farmer

As the application opens You are introduced to the website's dashboard, Click on **Create farmer**.



A **create Farmer form** will show up, this is where the user will insert all the required fields for the farmer.

The screenshot shows the Farm-Central "Create Farmer" form at the URL <https://localhost:44395/Farmer/Create>. The form is titled "Create Farmer" and contains the following fields:

- FIRST NAME:
- LAST NAME:
- VILLAGE NAME:
- TYPE OF FARMING:
- PROVINCE:
- GENDER:

At the bottom of the form are two buttons: "Back to List" and "Save". The footer of the page shows the copyright notice: "© 2024 - Farm Central Application".

Note:

After user inserts the farmers details, click on **save**.

If **save button** is clicked but **no records completed**, **Error handling** has been implemented to ensure that all details required is accurately captured by the user.

E. g

The screenshot shows a web browser window with the URL `https://localhost:44395/Farmer/Create`. The page title is "Farm-Central" and the navigation bar includes "DashBoard" and "Contact". The main content area displays a "Create Farmer" form. The form has the following fields and error messages:

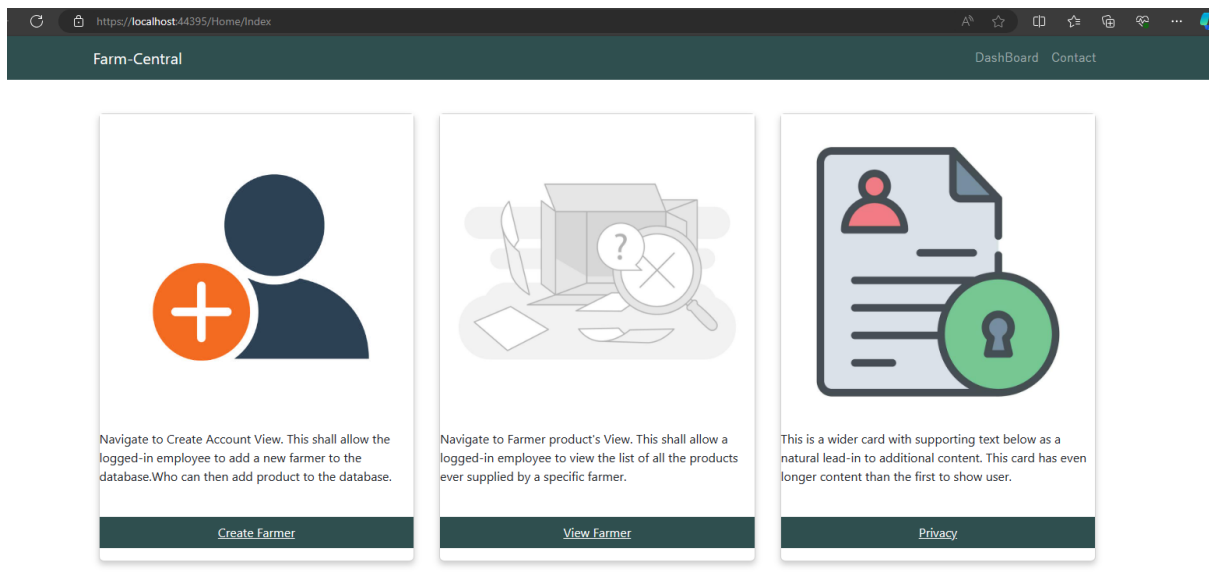
- FIRST NAME:** Input field contains "Christiano". Error message: "The FIRST NAME field is required."
- LAST NAME:** Input field contains "Ronaldo". Error message: "The LAST NAME field is required."
- VILLAGE NAME:** Input field contains "Portispain". Error message: "The VILLAGE NAME field is required."
- TYPE OF FARMING:** Dropdown menu is open, showing options: "Arable", "Commercial", "Extensive", "Intensive", "Mixed", "Pastoral", "Sedentary", and "Subsistence". Error message: "The TYPE OF FARMING field is required."
- PROVINCE:** Input field is empty. Error message: "The PROVINCE field is required."
- GENDER:** Input field is empty. Error message: "The GENDER field is required."

At the bottom of the form, there are two buttons: "Back to List" and "Save".

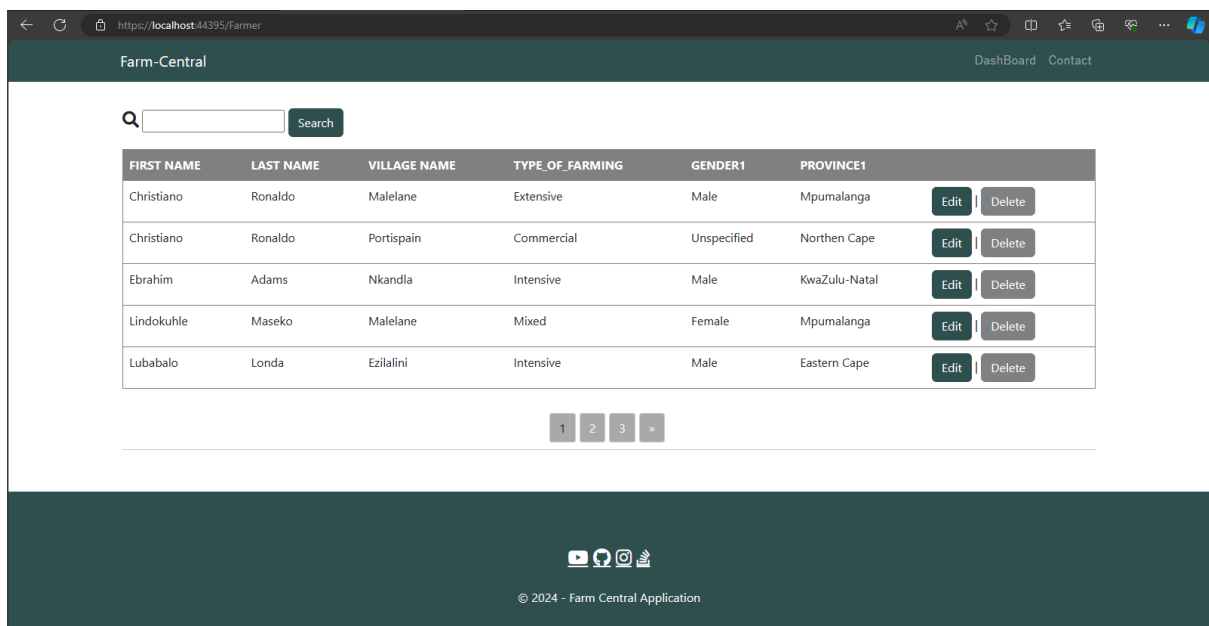
3. Edit Farmer

To edit farmers records:

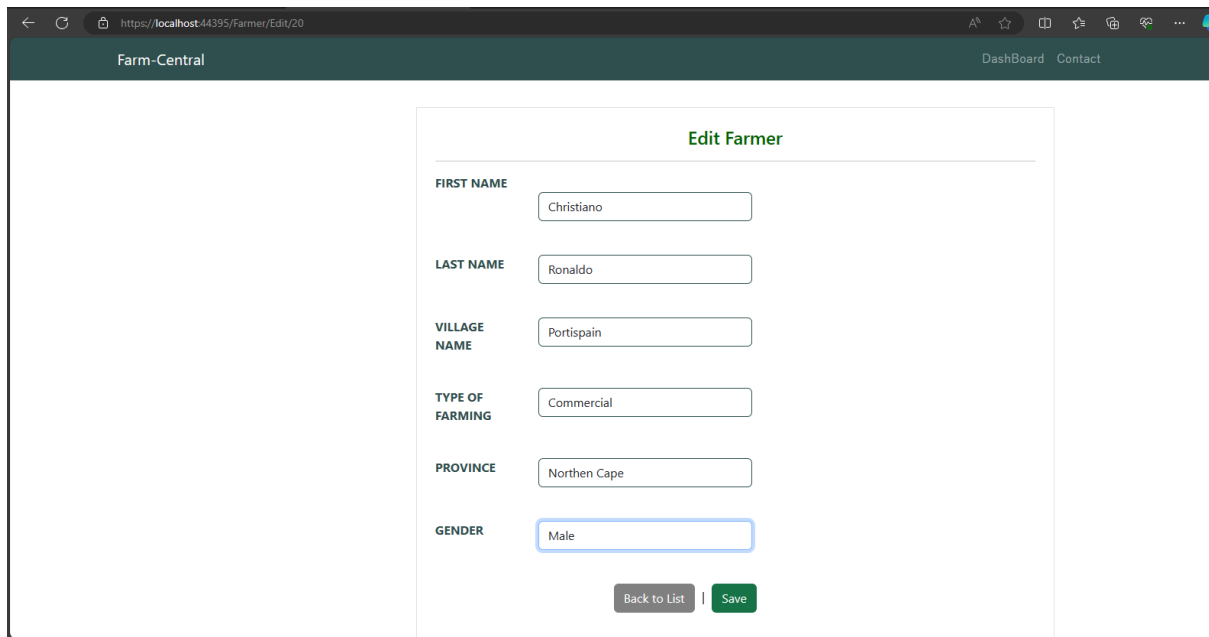
1 > Click on **view farmers** button within the dashboard



2 > Find farmer to edit



3 >Then Click edit



The screenshot shows a web browser window with the address bar displaying `https://localhost:44395/Farmer/Edit/20`. The browser's address bar includes navigation icons (back, forward, refresh, home, search, etc.) and a search engine icon. The page title is "Farm-Central". The main content area displays the "Edit Farmer" form, which is a white box with a green title bar. The form contains the following fields:

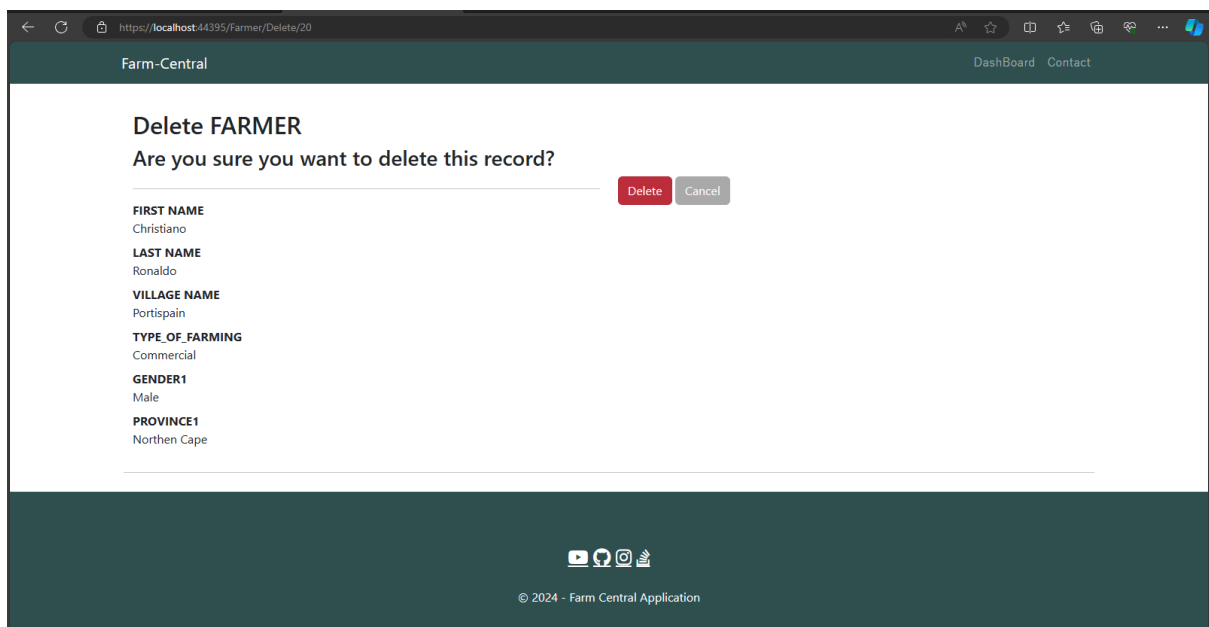
- FIRST NAME**: Text input field with the value "Christiano".
- LAST NAME**: Text input field with the value "Ronaldo".
- VILLAGE NAME**: Text input field with the value "Portispain".
- TYPE OF FARMING**: Text input field with the value "Commercial".
- PROVINCE**: Text input field with the value "Nothern Cape".
- GENDER**: Text input field with the value "Male".

At the bottom of the form, there are two buttons: "Back to List" (a grey button) and "Save" (a green button).

4. Delete Farmer

To Delete Farmer records:

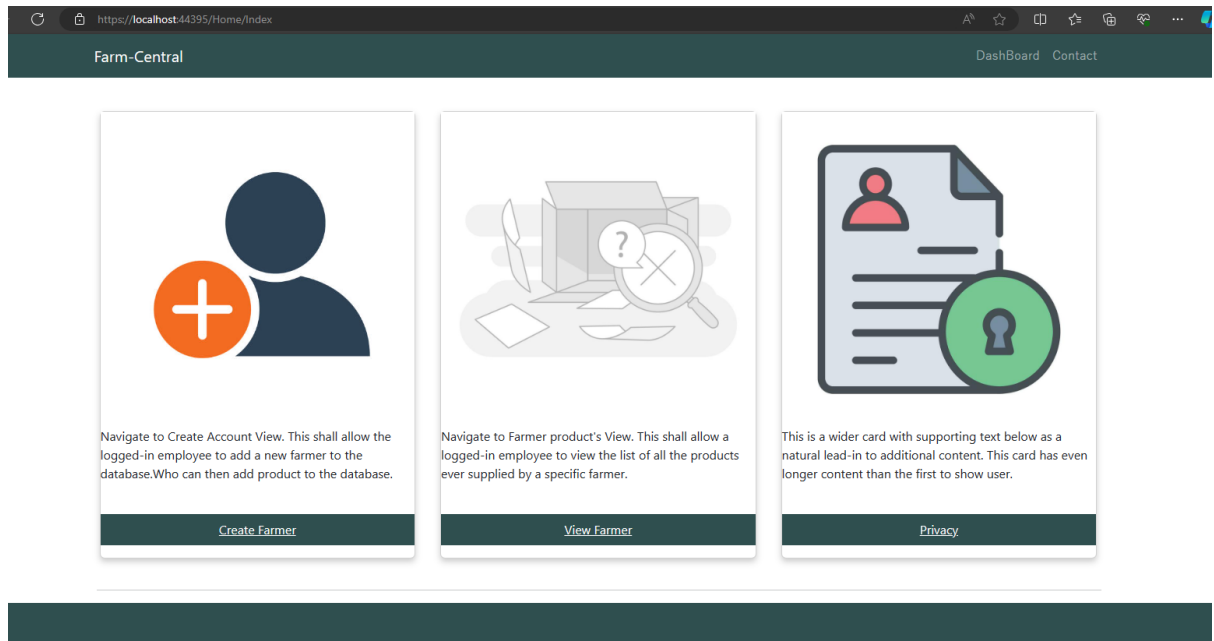
- 1 > Click on **View Farmers** button on the dashboard
- 2 > Find farmer to Delete, through **searching their name** or through **pagination**.
- 3 > Click delete to **delete** farmers information within the database.



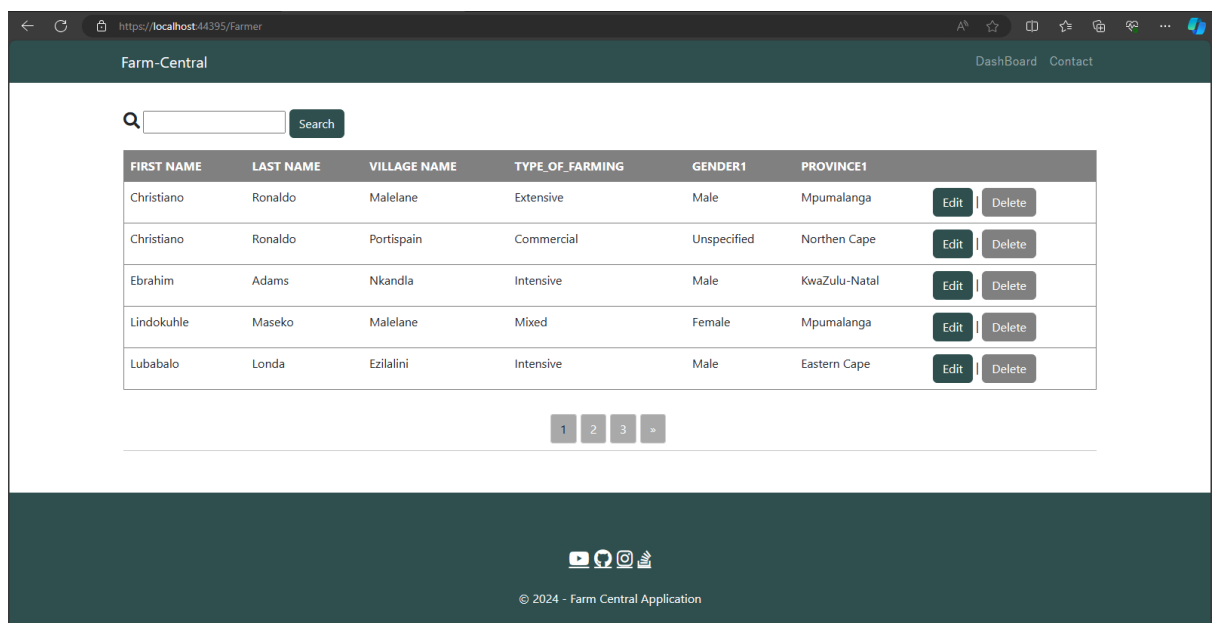
5. View List of Farmers

To view list of farmers:

- 1> Click on the view farmers button located on the dashboard.



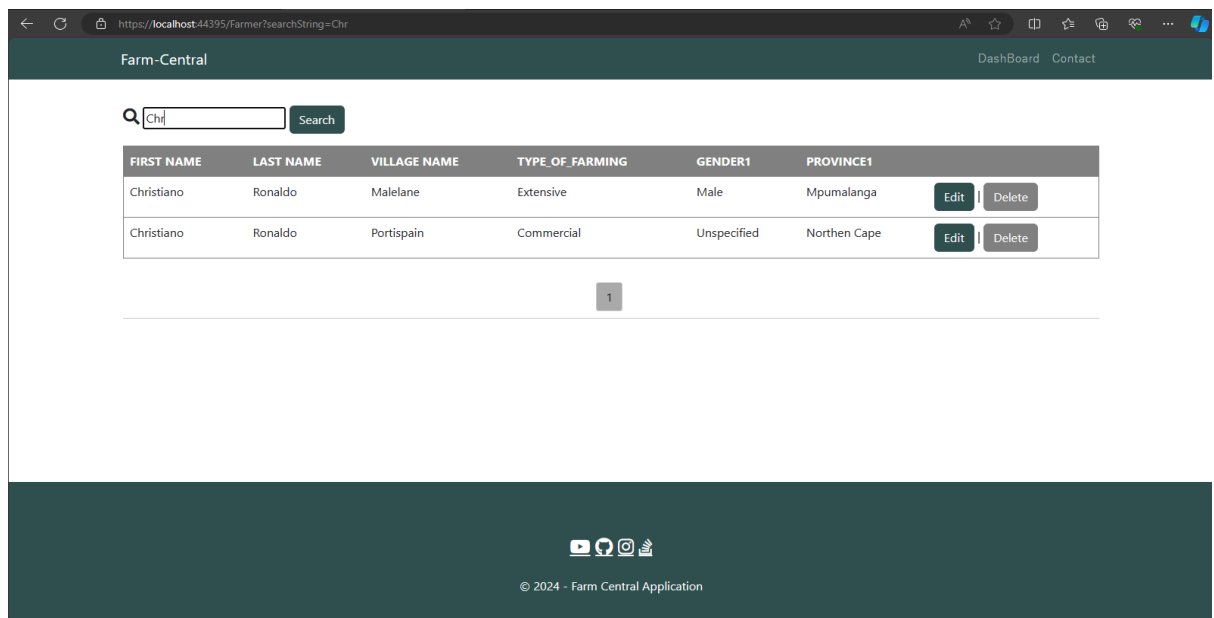
List View:



6. Search Farmer

To search for farmer:

- 1> Type in the **farmers name** or last name and click search button
- 2> In the Below is an Example: searching for Cristiano Ronaldo.



7. Pagination

To paginate farmers Records:

1> Click on any of the available pagination numbers.

Example:

Mafika	Maseko	Kwa Nongoma	Postoral	Male	KwaZulu-Natal	Edit	Delete
1 2 3 >							



8. Contact Us

To Contact us or to use directions from the built in Google Maps (API), follow these steps.

- 1> Click Contact on the navbar
- 2> You will be welcomed by the contact us page
- 3> Choose any form of method to contact us whether its Email, Phone, or by locating straight to our offices in house google maps for simplicity.

